```
y ...

32 #fcr_kurc_nly#*...
33 #fcr_kurc_nly#*...
34 #for_kurc_only#export b=ceroi.cu.
35 #for_kurc_only#export b=ceroi.cu.
36 #for_kurc_only#export b=ceroi.cu.
36 #for_kurc_only#export c=fissims:mkk:mk.
37 #for_kurc_only#export D=ceroi.co.
38 #for_kurc_only#export D=ceroi.co.
39 #for_kurc_only#export D=ceroi.co.
30 #for_kurc_only#export D=ceroi.co.
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43 *for_kurc_only#export D=ceroi.co.
44 *for_kurc_only#export D=ceroi.co.
45 *for_kurc_only#export D=ceroi.co.
46 *for_kurc_only#export D=c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         #for_kuro_only#export fmt='h' ext='sht' #'h' for 2byte short
#for_kuro_only#export fmt='f' ext='flt' #'h' for 4byte float
#for_kuro_only#export yth=0.05 #ytl>=yth*yMax is uspec float
#for_kuro_only#export yth=0.05 #ytl>=yth*yMax is uspec float
#for_kuro_only#export nrm=1 ds=${d1}_${fmt}!n' midir -p ${ds} #save normalized speech signal as binar
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          #for_kuro_only#export nrm=m ds=${d1}_${fmt}m; mkdir -p ${ds} #save normalized speech signal as binar
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      #for_kuro_only#export nrm=r ds=${d1}_${fmt}r; mkdir -p ${ds} #save normalized speech signal as binar
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 lpcspectrumenv
                                                                                                                                                                                                                                                                                                                                                         #for_kuro_on1y##1n -s /media/sf_DRIVE/data/12voicedata ~/sotu/2012/12voicedata_ueki #shigeta on1y
#for_kuro_on1y##1n -s /media/sf_C_DRIVE/cdata/kurolab/data/12voicedata ~/sotu/2012/12voicedata_ueki
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  73 #for_kuro_only##export p=100 #frame-period ?frame-shift ?
74 #for_kuro_only#export n=12 #frame-frame-shift ? p=100 default
75 #for_kuro_only#export m=12 #frame(complemension of MFCC (mel-frequency cepstral coefficients)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ф
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          #for_kuro_only#export fl=$(($1 * $fs)) #flame-length 160=20ms*8000(1./T) l=20msec for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ku;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        rms
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     #for_kuro_only#d0=/media/sf_home_kuro/data/12voicedata_ueki/
#for_kuro_only#d1=../../12voicedata_ueki_all: mkdir -p $d1
#for_kuro_only#for d in zero ichi ni san si go roku nana hachi kyu rei yon sichi
#for_kuro_only# ln -s ${d0}/${a}/* ${d1}/
#for_kuro_only# done
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                βγ
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             #for_kuro_only###[1.0.2]パワー正規化->SPTKライブラリのためにshort ファイル
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    #for_kuro_only##copy and past to here for s102
#for_kuro_only## 699 9779 88812 .../12voicedata_ueki_all_sm/i2bs.log
#for_kuro_only## 699 8738 8531 .././12voicedata_ueki_all_s1/i2bs.log
#for_kuro_only## 699 8531 .././12voicedata_ueki_all_s1/i2bs.log
#for_kuro_only##.././12voicedata_ueki_all_fr/mym-kyul0.flt
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    #for_kuro_only##export fl=640 #flame-length 640=40ms*1600(1./T) original #for_kuro_only#export fs=8 #kHs? default 16 for 16kHz #for_kuro_only#export l=20 #ms #for kuro_only#export l=20 #ms
                                                                                                                                                                                                                     #[1.0.2]パワー正規化->SPTKライブラリのためにshort ファイル
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            #for_kuro_only#sudo /usr/local/SPTK/bin/gwave.sh&
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  #for_kuro_only##copy and past from here for s102
#for_kuro_only##d0=~/sotu/2012/12voicedata_ueki/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              #for_kuro_only#dl=../../12voicedata_ueki_all;
       processing
                                                                                                                                                                                                                                                                                         #for_kuro_only##[1.0.1] リンク作成
   speech
                                                                                                                                                                                                                                                                                                                           #for_kuro_only####
                                                               // Do "make" first
// can2 batch for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      #for_kuro_only#
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      29 #for_y short data
                                                                                                                                                                                                                                                                                                                                                                                                                                                       elope.py
                                                                                                                           5 6 8 8 10 10 11 11 12 12 13 13 #kurogi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      30 y
```

```
-a 0.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    95 TO-'date +%s':time ensrs ../tum/speech_train_xy.dat 2:50:1.6:1 70-70 k:46 ib:0:0:0:0 y:-1:11-1:1 x:0 .:0:0:1 DISP:0 nop:1 bg:/dev/null:/TI-8x:0 ff; ks':DT=$((DT / 3600 )):DT=$((DT % 3600 )):M=$((DT % 3600 ))
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ../../12voicedata_uek
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0 (0)-(2)
                                                                                                                                                                                                      Sp.
                                                                                                                                                                                                                                                                                                                                                                            87 #for_kuro_only#
88 #for_kuro_only#comly#comly#comly#comly#comlor $dr -R $R -ow 00 -k $k -l $l -mp_th ${mp_th} -N ${N}
rsa ${rsa} -DISP 0 -nDisp ${nDisp} -S $S -D $D -L $L -fnerr $fnerr -dbgi 0"
89 #for_kuro_only#method=GANZ,SP,NBCC #SP for Spectral Envelope
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              #1n -s /media/sf_D_DRIVE/data/12voicedata ~/sotu/2012/12voicedata_ueki #shigeta only
#1n -s /media/sf_C_DRIVE/cdata/kurolab/data/12voicedata ~/sotu/2012/12voicedata_ueki #kurogi only
                                                                                                                                                                                                                                                           -n 20
                                                                                                                                                                                                      Şn
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      x2x +sf < $fnshort | frame -1 640 -p 160 | mfcc -1 640 -f 16 -m 12
                                                                                                                                                                                                      -m $m
                                                                                                                                                                                                   $p | mfcc -1 $fl -f $fs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1pospectrumenvelope.pyの係数が[1,0,...,0](最初だけ1、残りは0)および
これた近くなると、mkn.pyでM[]=[1,0,...,0]の条数ペクトルができ、
M2s.pyでスペクトレ過%をつくるLannが指する。
するとtrain_xy.datにmanが含まれ、間違った(高い)認識率になっていた
(エラーで止まることはないが、おかしいことをボナメージがでる)。
それらを除外する修正等をしたか、上のの特徴ペクトルとして、
これらを除外する修正等をした。LECO FO. 764 pPIP2x23d3x0.5m0N5Ob50a1.6R11x0sds
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      မွ
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       dO=-/data/12voicedata_ueki
dl=-/data/12voicedata_ueki_all; mkdir -p $dl #new directory
for d 'in zero lofhi ni san si go roku nana hachi kyu rei yon sichi ku;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         #d0=/media/sf_C_DRIVE/cdata/kurolab/data/12voicedata_ueki/12voicedata
                                                              not
   #for kuro_onl/#export n=20 #number of filter-bank channels #for_kuro_onl/#export n=0.97 #pre-emphasis #for_kuro_onl/#export E=0 # E=1 for including energy, 0 for
n=20 #number of filter-bank channels
                                                                                  #for_kuro_only#

#for_kuro_only#for in ${SA[@]}; do

#for_kuro_only# for d in ${DA[@]}; do

#for_kuro_only# for l in ${LA[@]}; do

#for_kuro_only# x2x +sf < $finshort | frame -1 $fl -p
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      (0) 以下、下の「20201210-20201225」 のところを整理
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  dl=../../12voicedata_ueki_all; mkdir -p $dl
                                                                                                                                                                                                                                                                                                                    85 #for_kuro_only#done;done;done
86 #for_kuro_only#export MFCC=$1:$m:$n:$E
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ・・・ から
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    #[1.0.1] リンク作成
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            #20210427-20210517
                                                                                                                                                                                                                                                               #for_kuro_only##
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                                                                                                                                                                                                                                                           84 #for_k
97 > data.mfc
                                                                                                                                                                                                                                    $E > data.mfc
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のデータで実験する。
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## [1.1a] 矢持さん、重田君は次を実行する(Yamochi,Shigeta)
## mmt-san2とfhs-hachi5が不足したまま、L=1:2:3:4:5:6:7:8:9:10 nf=$((7*10*10-2))=698個のデータで実験す
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  export S=fhs:fms:mkk:mko:mmk:mnh:mpm
#rm $dn/mmt-san2.dat $dn/fhs-hachi5.dat #(0.3a)を行った場合。これはしなくてもよいが念のため元に戻した
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ##[1.1b] 小松君は, 次を実行する(Komatsu)
## mmt-san2をmmt-san10、fhs-hach15をfhs-hach110で置き換えて、L:1:2:3:4:5:6:7:8:9 nf=$((7*10*9))=630個
                                                                                                                                                         #echo "winn-Symin" > $10g
export virho.05 #y[t]>=ytl*/Wax is used for normalization by rms #ymin=0 #old version of yth
export vrho.05 #y[t]>=ytl*/Wax is used for normalization by rms for ytl]>=ytl*/Wax
for ytl]>=ytl*/Wax
for ytl]>=ytl*/Wax
for ytl]>=ytl*/Wax
for ytl]>=ytl*/Wax
for ytl]
for a in fas fms mkk mko mmt mmh mym; do
for d in zero ichi ni san si go roku nana hachi kyu rei yon sichi ku; do
for d in zero ichi ni san si go roku nana hachi kyu rei yon sichi ku; do
for d in 1 2 3 4 5 6 7 8 9 10; do
cmd="python speechnormalize.py -yth $yth -yin ${dl}/${s}-${d}/${1}.dat -yout ${dn}/${s}-${d}/${s}.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 #[n.n.a.m.m.m.n.n.n] 小松君は不足ファイルを置き換えて,fnerrを空集合にする, 矢特さん, 重田君は元に戻す
#[1.1.a and 1.1b] 小松君は不足ファイルを置き換えて,fnerrを空集合にする, 矢特さん,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LPC係数M(1>0)またはpLPC係数M(1=0)を求める
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  export platform=Ku20omp1 # u20 for ubuntu20.04 20210420
export platform=Ku20omp1 # u20 for ubuntu20.04 20210430
export platform=Ku20omp2 # u20 for ubuntu20.04 20210507 u20@laptop
export platform=Ku20omp2 # u20 for ubuntu20.04 20210507 susanoo ->u20@laptop
export platform=Ku20omp2 # u20 for ubuntu20.04 20210507 susanoo ->u20@laptop
export platform=Ku20omp6 # u20 for ubuntu20.04 20210618 u20@laptop
export platform=Ku20omp6 # u20 for ubuntu20.04 20210618 u20@laptop
export platform=Ku20omp7 # u20 for ubuntu20.04 20210618 u20@susanoo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ###platform=SY for Shigeta and Yamochi, K for Komatsu !!!!!!!!!!!!!!!!
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       #folder for saving mixed speech
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  export L=1:2:3:4:5:6:7:8:9:10 nf=$((7*10*10-2)) fnerr=mmt-san2:fhs-hachi5
export D=zero:ichi:ni:san:si:go:roku:nana:hachi:kyu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        04
                                                                                                                                                                                                                                                                                                                                                                                                                                                            of log
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ubuntu14.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               dl=-/data/l2voicedata_ueki_all; mkdir -p $dl
dn=${dl}_n; mkdir -p $dn #save normalized speech signal
dm=${dl}_m; mkdir -p $dm #folder for saving mi
                                                                                                                                                                                                                                                                                                                                                                                                                                                          xterm -geometry 50x5+0-0 -e gnuplot tmp/tmp.plt& #check no.2
                                                                               #new directory
                                                                                            dl=-/data/12voicedata_ueki_all; mkdir -p $dl #new directory
dn=${dl}_n; mkdir -p $dn #save normalized speech signal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        export platform=Sul4 #platform=SY for Shigeta and ul4 for export platform=Su20 #platform=SY for Shigeta and u20 for export platform=Ku20omp # u20 for ubuntu20.04 20210420
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        d0=-/sotu/2012/12voicedata_ueki,
d1=-,/, /12voicedata_ueki, mkdir -p $dl
d1=-,/, /1. mkdir -p $dn #save normalised speech signal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      export platform=K #platform=K for Komatsu export platform=SY #platform=SY for Shigeta and Yamochi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    export dl=.../../l2voicedata_ueki_all; mkdir -p $dl export d0=~/data/l2voicedata_ueki/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 else #if [ "${platform:0:1}" = "K" ];then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       export d0=~/sotu/2012/12voicedata_ueki/
                                                                                                                                                                                                                                                                                                                                                                                                        plot [][] "$log" using 0:1 w lp,32767
pause -1 "Push Enter to quit"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           #copy&paste from here for step1
                                                                                                                                                                                                                                                                                                             echo $cmd; $cmd >> $log
                                                                               d0=~/data/12voicedata_ueki/
/{IP}$ */{P}$/{q}}$ s-
                                                                                                                                                                                                                                                                                                                                                                                             cat > tmp/tmp.plt<<EOF
                                                                                                                                              log=$dn/normalize.log
                                             #[1.0.2]パワー正規化
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ##################
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方が間違わない
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#export dr=${d1}_k${k}N${W}; mkdir -p $dr #1>0 for LPC, l=0 for CAN2(pLPC)
elif [ ${method:0:1} = "L" 1; then #LPC+..
export dr=${d1}_LPCK${k}1${1}.R${R}_${R}_${Platform}; mkdir -p $dr #1>0 for LPC, l=0 for CAN2(pLPC) #ne
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CAN
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out ../../12voicedata_ueki_all_k1512.0R1_SY/fhs-zerol-R1-M.dat -nDisp -1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           フレーム番号
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            282 #echo "#zec $qual2}";#${emd12}
283 #enho "#zec $qual2}";#${emd12}
283 #enho"#zec $qual2, date=noning.out;echo "$cmd">>nohup.out;nohup $cmd&
283 #enho" ipython mkM.py -dn $dn -dr $dr -R $R -00 00 -R $k -1 $1 -mp_th ${mp_th} -N ${N} -rsa ${rsa}}
284 #for choisp} -S $S -D $D -L $L -fnerr $fnerr -dbgi 0"
285 #python lpospertrumnan-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      #echo c|python mkM_lpo.py -dx $dx -R $R -DISP 0 -ow 00 -k $k -1 $1 -mp_th 0.0 -nDisp 5 -dbgi 1 +echo c|python mkM20201214-y-dx $dx - R $R -DISP 0 -ow 00 -k $k -dbgi 1 -dbgi 
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    #### step1.2 if [ "$(method:0:1}" = "M" ]; then kw=WFCCl$(1)m$(n_MFCCFB)R[i, else kw=M ;fi export nfn='ls $(dr)/*-$(kw)*.dat>tmp.txt 2>/dev/null;cat tmp.txt |wc -1':echo "#Number export nfn='ls $(dr)/*-$(kw)*.dat>tmp.txt |wc -1':echo "#Number export nfn='ls $(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(kw)/*-$(k
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      cmdll="python mixR_y.py -dn $dn -dt $dr -R $R -ow 11 -S $S -D $D -L $L -fnerr $fnerr
if [ "$nfn" -lt "$nf" ]; then # if [ ! -e $fn ]; then #ファイルがなければ作る
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           elif [ ${method:0:1} = "M" ]; then #WFCC export dx=${E}R${R}_${platform}; mkdir -p $dx = xport dx=${dl}_MFCC1${1}m${n_MFCC}P${n_MFCC}P$
if [ ! -e $dn/wmt-san2.dat ]; then op $dn/wmt-san10.dat $dn/wwt-san2.dat; fi
if [ ! -e $dn/ffs-hachi5.dat ]; then op $dn/ffs-hachi10.dat $dn/ffs-hachi5.dat; fi
export L=1:2:3:45:6:7:89 nf=8((7*10*9)) fnerr='_' #fnerr='_' # for no error file
export D=zero:ichi:ni:san:si:go:roku:nana:hachi:kyu
export S=fhs:fms:mkk:mko:mmt:mnh:mym
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              see M2s.
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                                                                    date>nohup.out&&LANG=C&&date>>nohup.out;nohup ${cmd11} && nohup ${cmd12}&
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      #echo "#Exec $cmd";date>nohup.out;echo "$cmd">>nohup.out;nohup $cmd&
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  export FD=SC #With FD=SC..., S for poleweight1, C for LPCspectrum; export FD=sC #With FD=sC..., s for orig,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        echo "#Number of files $nfn==$nf is sufficient. Omit making M."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        export FD=sC #With FD=sC..., s for orig, c export ns=120 #ネペクトルの次元 see M2s.py export ns=120 # 16[0]=1 for log after sum log|sport ls=10 # 15[0]=1 for log after sum log sum ls=10 # 15[0]=1 for log after sum log sum ls=10 # 15[0]=1 for log after sum ls=10 # 15[0]=1 for ls=10 # 15[0]=1 for log after sum ls=10 # 15[0]=1 
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               method=MFCC, ${1
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271 if ["shin

272 echo "#Exec

273 fi

274 #### stepl.2.

274 #### stepl.2.

276 export nin-ls $1.

276 export nin-ls $1.

277 #####Exec

278 make dar

1pp-'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ###From here
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 #CAN2+PD best
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                #LPC+SE best
```

```
#EllapsedTime 17214.027s(4:44:54.026) .../../12voicedata_ucki_all_k810RINSOa.7920.Ku20omp3 laptop
#EllapsedTime 10790.725s(2:59:50.724) .../../12voicedata_ucki_all_k810RINSOa.7b20_Ku20omp3 susanop
#EllapsedTime 27488.470s(7:38:08.456) .../../12voicedata_ucki_all_k810RINSOa.7b20_Ku21omp ul4ewinl0al
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                -dbgi 1 -ns 12
                           if [ '${method:0:1}" = "M" ]; then kw=MFCC1${1}m${n_MFCC}n${n_MFCCP}B${R_MFCC}};else kw=M ;fi export nfn='ls ${dr}'-*-${kw}*-$dar>tmp.txt 2>/dev/null;cat tmp.txt|wc -l';echo "#Number of $dr'*-${kw}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           #../../12voicedata_ueki_a11_k15120R1_Ku20-/mym-kyu9-R1-M.dat cr
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 #ElapsedTime 34423.572s(9:33:43.571) #p../../12voicedata_ueki_all_k810R1N30a1.0b20_SY t1=10000 in mk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               #export nfn='ls dx^{-1}'*-dx-\texp.txt 2-/dev/null;cat tmp.txt d = 1'echo "#Number of dx/*-g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      cmd2bl="python M2s.py -dr $dr -R $R -ow 1 -DISP 00 -dbgi 1 -ns $ns -ls $ls -FD $FD -rap 0 -L $L -fne
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    355 export nfn='ls ${dr}/*-*-R${R}-FD${FD}ns${ns}!ls${ls}.dat>rmp.txt 2>/dev/null:cat tmp.txt|wc -l'iecho
"#Wumber of files $dr/*-*-R${R}-FD${FD}ns${ns}!ls${ls}-dat is nfn=$nfn=?$nf"
356 ########Exce
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         cmd0="python M2s.py -dr $dr -R $R -ow 1 -DISP 00 -dbgi 1 -ns $ns -ls $ls -FD $FD -FD 5 -rap 0 -L $L -fnerr
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         #ElapsedTime 16879.683s(4:41:19.682) ../../12voicedata_ueki_a11_k810R1N50a0.7b20_Ku20omp laptop #bef
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    325 #ElapsedTime 17243.0448(4:47:23.044) #../../12voioedata_ueki_all_k810R1N50a0.7b20_Ku20omp laptop #be
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     #ElapsedTime 409.3808(0:06:49.380) #././12voicedata_ueki_all_k15120R1_ku20/ susanco

#ElapsedTime 623.1498(0:10:23.149) #././12voicedata_ueki_all_k15120R1_Su14

#ElapsedTime 31969.6788(8:52:49.677) #././12voicedata_ueki_all_k810R1N50a0.7b20_ku20 susanco

#ElapsedTime 31479.0916 (8:44:39.090) #././12voicedata_ueki_all_k810R1N34a0.7b20_SY

#ElapsedTime 33033.020s(9:10:33.019) #././12voicedata_ueki_all_k810R1N30a1.0b20_SY t1=400 in mkW.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         #BlapsedTime 3263.2658(0:54:23.264) for CAN2+PD,8,50,2:0.71:120,2,23,3,0.5,0 u20@susanoo #BlapsedTime 234.170s(0:03:54.169) for MFCC.20.20,22,1 u20@susanoo #BlapsedTime about 567.767s(0:09:27.766) for lpc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ../../12voicedata_ueki_all_k2015R1_Ku20omp3 laptop ../../12voicedata_ueki_all_k2015R1_Ku20omp2 susanoo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              #../../12voicedata_ueki_all_k15120R1_Ku20/ laptop
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        $fnerr"
361 #check python M2s.py -dr ../../12voicedata_ueki_all_k15120R1_Ku20 -R 1 -ow 1 -DISP 00
0 -ls 10 -FD sC -rap 0 -fnerr ' ' -S mmh -D si -L 5
362 echo "Executing $cmd2b1"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             if [ "shfn" -eq "shf" ]; then # if [ ! -e sfn ]; then #7 \gamma 4 h h^i \lambda_i 19 h 15 echo "#Number of files $nfn==$nf is sufficient. Omit making spectrum files."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        #check python is running
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                export fn=${dr}/mym-zero9-R${R}-FD${FD}ns${ns}ls${ls}.dat
                                                                                                                                                                                                    created for step1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          #ElapsedTime 374.870s(0:06:14.869) #...
#ElapsedTime 409.380s(0:06:49.380) #...
#ElapsedTime 623.149s(0:10:23.149) #...
#ElapsedTime 31969.678s(8:52.49.677) #...
#ElapsedTime 31479.091s(8:449.677) #...
                                                                                                                                     xterm -geometry 80x20-0+0 -e "top"&
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       #ElapsedTime 372.084s(0:06:12.084)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   #ElapsedTime 442.282s(0:07:22.281)
#ElapsedTime 506.122s(0:08:26.121)
###[Verify] check files
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          speakerdigit+RX_20210426.py
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              #wc ${dr}/*-M.dat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          #before20210507
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                                                                                                      files nfn=$nfn"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ##############
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326 #Elap
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321
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```

```
export AF=q #for save only= quit before learning export AF='.' #export AF='.' #export AF='.' #export AF=qfor quit just after saved Additional Features without training. AF='.' fo
                                                                                                                                                                                                                                                             431 #copy&paste from here for step2a.1
432 export fn=${dx}/*-R${R}*-PC.dat;nfn='ls ${fn}>tmp.txt 2>/dev/null;cat tmp.txt |wc -l';echo "#nfn=$nfn -PC.dat files exist"
433 #export fn=${dx}/*-R${R}*-PC.dat; nfn='ls $fn|wc -l';echo "#nfn=$nfn files exist"
434 ###
                                                                                                                              export AF=../../12voicedata_ueki_all_k810R1N50a0.7b20_Ku20/pp1F2x23G3x0.5m0 export AF=../../12voicedata_ueki_all_k2015R1_Ku200mp2/FDsCns1201s10 #susanoo
                        #echo -e "\n\ncmd2b1=\"${cmd2b1}\" \nDo as: \${cmd2b1}"
                                                        #Check the
                                               ###[Exec cmd2b1] Do the command for step1
                                                                                                                                                                                export mel=0 #1 for use mel frequency export nlz=norm #normalize by norm, max,
                                                                                              xterm -geometry 80x20-0+0 -e "top"&
                                ##copy&paste to here for step2b.1
                                                                                                                                                                                                         #for save train_xy
#Additional Features
       echo c |$cmd2b1
                                                                                                                       #############
                                                         echo ${cmd2b1}
                                                                                                                                                                                                                                export AF=../.
                                                                                                                                                                                               ##########
                                                                                                                                                                                                                                                        r do nothing
```

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実行するか
                                                                                                                                                                                                                                                       d $method"
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wo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ##../../12voicedata_ueki_a11_k1010/mko-roku3-R1-PC.dat:0.6243918693768808 -0.8230316591435269 0.-nan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ###[Verify] check files created for step2b.1 ??
export fn=${dr}/*-R${R}*-PC.dat:nfn='ls ${fn}>tmp.txt 2>/dev/null;cat tmp.txt|wc -l';echo "#nfn=$nfn
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             466 export fn=${dr}/*-R${R}}-PC.datinfn='ls ${fn}>tmp.txt 2>/dev/null;cat tmp.txt|wc -l';echo "#nfn=$nfn=$nfn=-
=>$nf $dr/*-PC.dat files exist"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     #BlapsedTime 4003.403s(1:06:43.403) m_cgul2 for ../../12voicedata_ueki_all_k8l0RlN50a0.7b20_ku20omp3 halapsedTime 1919;987s[5:19:5:1896] for .././12voicedata_ueki_all_k8l0RlN50a0.7b20_ku300mp halapsedTime 191966.237s[4:59:20.237] for .././12voicedata_ueki_all_k8l0RlN50a0.7b20_ku20/ halapsedTime 41990.175s(11:39:50.174) for .././12voicedata_ueki_all_k8l0RlN50a0 at susanoo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               export nG=3 sG=0.5 #nG: size of Gaussian Kernel, sG:sigma of Gaussian Kernel
export FD=pPl #pPl #pPl #pPl pPc pPcb rPl rPc rPcb #all features made here, actual decision is done at [2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                -mel $
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#nfn='ls ${dr}/*-R${R}*-${FD}F${nx}G${nG}x${sG}.dat >tmp.txt 2>/dev/null;cat tmp.txt|wc -1'
export fn=${dr}/*-R${R}*-${FD}F${nx}G${nG}x${sG}.dat.export nfn='ls $fn|wc -1':echo "#nfn=$nfn files
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               -metho
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  date>nohup.out&LANG=C&&date>>nohup.out;nohup ${cmd2a2}&
##\Verify deck files created for step2b.1 ??
if ["${FD:0:1}" == "p"]; then #RPY 7 1 N O 7 ft M B
#ff="!s ${a1}/" -*R${R}*~${FP}*~${FP}$fur X${na}{G${na}}$.
#nfn='ls ${a1}/"-R${R}*~${FP}*~${FP}$fur X${na}{G${na}}$.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           #ElapsedTime 4432.052s(1:13:52.052) m_cpu8 for CAN2+PD,8,50,2:0.7:1:20,2,23 u20@susanoo #ElapsedTime 3569.978s(0:59:29.977) m_cpu12 for CAN2+PD,8,50,2:0.7:1:20,2,23,3,0.5,0 u20@laptop
                                                                                                                                                                                                                                                                                                                                                                                                                                ##export S=fms D=roku L=2; emd9C="python M2PC.py -dr $dr -R $R -ow 1 -DISP 0 -S $S -D $D -L $L" ##K7TAfk=10O b と、 数数が5 となることがあったのでM2PC.macを停止、PC2xPy.py内修正 #T #T #nanのCi (n=402,1=8)があった。
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 #cmd2a2="python PC2xPy.py -dx $dx -R $R -rmax 2 -ow 1 -nx $nx -nr $nr -na $na -nG $nG -sG $sG -sP & St - rmpax -k $k" if ["$nfn" -1t "$nf" -1t "
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ow=1;cmd2a2="python PC2xPy.py -dr $dr -R $R -rmax 2 -ow $ow -mel $mel -DISP 0 -URA $URA -k $k
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ##echo 'fnB:"../../12voicedata_ueki_a11_k1010/mko-roku3-R1";batchload("M2PC.mac");'|maxima
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             \begin{tabular}{ll} $$\{ax\}^*-R$_R^*-pPIF$_nr^*x$_na^*(na)x$_na^*(ng)x$_na^*(ng)x$_na^*(ng) $$$(na)^*-ng^*(ng)^* $$$(na)^*(ng)^* $$$(na)^*(ng)^* $$$$(na)^*(ng)^* $$$(na)^*(ng)^* $$$$(na)^*(ng)^* $$$$(na)^*(ng)^* $$$(na)^*(ng)^* $$$(na)^*(ng)^* $$$(na)^*(ng)^* $$$(na)^*(ng)^* $$$(na)^*(ng)^* $
10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 echo "#number of *-PC files $nfn==$nf is sufficient. Omit making PC fules."
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'nx=',int(nx+0.5)nx=
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               export URA=0 #1 for use real axis, 0 for negrect real axis PC2xPy.py,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 #check the performance
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                #date > nohup.out;echo $cmd2al>>nohup.out;nohup ${cmd2al} &
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         #Check the command
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 -e "\n\ncmd2a2=\"${cmd2a2}\"\nDo as: \${cmd2a2}"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                export nx=16 nr=4 na=26 #nx=((nx*na)*2)**(0.5);print export nx=14 nr=2 na=23 #nx=((nr*na)*2)**(0.5);print echo "#Number of *-$FD*.dat files=$nfn"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       #copy&paste from here for step2a.2
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###並列処理でうまく実行できなかったファイルがでてくる可能性がある。上書きしないモード(ow=0)にして再
                                                                                                                                                                                                                                                                                                                                                                               550 #cmd="python oob4speakerdigit+RX_20210426.py -sp \$S -tx \$D -L \$L -dr \$dx -R \$R -RX \$RX -mbas \$mbas - \$sd -N \$(N) -sx \$(sx) -Fp \$(FD) -nx \$nx -nr \$nx -na \$na -nG \$nG -sG \$sG -mel \$mel -nl \$nl -lx \$lx -ow \$
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     572 #sd-d#[2a.3]pLPC
573 #sd-d##TPO.784 TNO.993 FPO.007 FNO.216 ERO.028 RCO.784 PRO.922 FO.847 n6300 k46 pPlF2x23G3x0.5m0N6Ob
50al.6Rllx0sdd 843.641s(0:14:03.640)../../12voicedata_ueki_all_k2015Rl_Ku20omp2
                                     -metho
               -metho
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                                     ¥
               SURA
                                     -rmax 2 -ow $ow -mel $mel -DISP 0 -URA $URA
               -URA
               -rmax 2 -ow $ow -mel $mel -DISP 0
               SR
                                     -dr $dr -R $R
               님
               -dr sdr
                            510 ow=0;cmd2a2="python PC2xPy.py
```

Page 9

50al.RELIXOGAG 4719.3916 (0.1159.391). // 1700i.cedata_witi_all_k2015R_LAGOOMP2
50al.RELIXOGAG 4719.3916 (0.1159.391). // 1700i.cedata_witi_all_k2015R_LAGOOMP2
50al.RELIXOGAG 689.4678 (0.1159.391). // 1700i.cedata_witi_all_k2015R_LAGOOMP2
50al.RELIXOGAG 689.4678 (0.11129.466). // 1700i.cedata_witi_all_k2015R_LAGOOMP2
577 #sd-d##TPO.806 TWO.990 PPO.010 FWO.194 ERO.028 RCO.806 PRO.902 FO.852 n6300 k46 pplF2x23G3xO.5m0N44b
578 #sd-d##TPO.806 TWO.992 PPO.010 FWO.194 ERO.028 RCO.806 PRO.902 FO.852 n6300 k46 pplF2x23G3xO.5m0N43b
578 #sd-d##TPO.806 TWO.992 PPO.010 FWO.195 ERO.027 FRO.805 PRO.915 FO.866 n6300 k46 pplF2x23G3xO.5m0N43b
50al.RELIXOGAG 667.7028 (0.1102.701). // 1700i.cedata_weki_all_k2015R_LAGOOMP2**
579 #sd-d##TPO.908 TWO.992 PPO.008 FWO.195 ERO.027 PPO.912 FO.865 n6300 k46 pplF2x23G3xO.5m0N43b
50al.RELIXOGAG 667.7028 (0.1102.701). // 1700i.cedata_weki_all_k2015R_LAGOOMP2**
579 #sd-d##TPO.708 TWO.992 PPO.008 FWO.202 ERO.028 RCO.708 PRO.912 FO.865 n6300 k46 pplF2x23G3xO.5m0N42b
50al.RELIXOGAG 667.708 (0.1107.767). // 1700i.cedata_weki_all_k2015R_LAGOOMP2**
50 #sd-d##TPO.708 TWO.992 PPO.008 FWO.302 ERO.028 RCO.708 PRO.912 FO.808 PO.804 PO.804 PPIZXZ3G3xO.5m0N43b
50 #sd-d##TPO.708 TWO.992 PPO.008 FWO.302 RCO.708 RCO.907 PO.84 PO.804 PO.804 PPIZXZ3G3xO.5m0N43b
50 #sd-d##TPO.708 TWO.992 PPO.008 TWO.302 RCO.028 RCO.708 RCO.708 PO.804 PO.804 PPIZXZ3G3xO.5m0N43b
50 #sd-d##TPO.708 TWO.999 PPO.011 FWO.222 ERO.032 RCO.778 PRO.808 FO.846 PPIZXZ3G3xO.5m0N30b .lx0sdd 743.281s(0:12:23.280)../../12voicedata_ueki_a11_k2015R1_Ku20omp2** #sd=d##TP0.786 TN0.992 FP0.008 FN0.214 ER0.028 RC0.786 PR0.918 F0.847 n6300 k46 n6300 k46 F0.849 RC0.794 PR0.912 ER0.028 008 FN0.206

50a1.6R11x0sdd 538.308s(0:08:58.308)../../12voicedata_ueki_all_k2015R1_Ku20omp2

########## 588

590 #new2 @susanoo 20210618
591 #hrec same result as "#new MFCC @ u20@VP@winl0@laptop 20210618" below
592 #HTP0 csame result as "#new MFCC @ u20@VP@winl0@laptop 20210618" below
1593 #TP0 .894 TN0.988 FP0.012 FR0.146 ER0.031 RC0.854 PR0.924 F0.888 n4410 k21 MFCC120m20n22E1N60b50a1.6R
11X0es4 3. 034s(0:00:43.033) 12Yoricedata_ueki_all_MPCC120m20n20BR1_Ku30omp7
1593 #TP0.641 TN0.986 FP0.014 FN0.159 ER0.034 RC0.841 PR0.911 F0.875 n4410 k21 MFCC120m20n22E1N40b50a1.6R
11X0es4 3.5.653s(0:00:35.822)

594 AFM=-/data/12voicedata_ueki_all_MFCCl20m20n20ERL_Ku20omp7/MFCCl20m20n22E1
595 python oobdapeakeralgit_HRX_20210617_yp -sp flatfmaishk:mkc:mkomm:mml.mym -rx zero:ichi:ni:san:si:go:
895 python oobdapeakeralgit_HRX_20210617_yp -sp flatfmaishk:mkc:mkomicmml.mym -rx zero:ichi:ni:san:si:go:
895 python oobdapeakeralgit_HRX_20210617_1 yp -sp flatfmaishk:mkc:mkoicedata_leki_all_MFCCl20m20ERL_Ku20omp7
1 -mbas 2:50:1.6:1 -N 60 -sd s -sX -1 -mel 0 -nlz norm -fnerz _ -AF _ -method MFCC,20,20,22,1

598 #TP0.781 TN0.979 FP0.021 FN0.219 ER0.049 RC0.781 PR0.859 F0.818 n4410 k46 pP1F2x23G3x0.5m0N70b50a1.6 R11x0sds 63.154s(0:01:03.153)

AFC=~/data/12voicedata_ueki_a11_CAN2k8N50a0.7b20R1_Ku20omp6/pP1F2x23G3x0.5m0 599

.py -sp fhs:fms:mkk:mko:mmt:mnh:mym -tx zero:ichi:ni:san /home/kuro/data/12voicedata_ueki_all_CAN2k8N50a0.7b20R1_ -ow 1 -AF cmd="oob4speakerdigit+RX_20210617.py #result of 601

#TP0.759 TN0.980 FP0.020 FN0.241 ER0.051 RC0.759 PR0.863 F0.807 n4410 k46 pp1F2x23d3x0.5m0N70b50al.6

604

R11xOsds 93.268s(0:01:33.267) 605 #TPO.876 TNO.990 FPO.010 FNO.124 ERO.026 RCO.876 PRO.934 FO.904 h4410 k67 pPIF2x23G3x0.5mUN70b50al.6 605 #TP0.876 TN0.990 FP0.010 FN0.124 R11x0sds 101.595s(0:01:41.594) -AF \$AFM

607 #???#python oob4speakerdigit+RX_20210617.py -sp fhs:fms:mkk:wko:mmt:wnh:wym -tx zero:ichi:ni:san:si: go:roku:manahadhi:kyu-L.12:34:55:57:18:99 -dr / flome/kuro/datea/12vo:edata_uakh_all_ymrCc12m0n2DRRL_Ku20om p5-R l -mbas 2:50:1.6:1 -N 60 -sd s -sX -1 -mel 0 -nl: norm -fmerr ' -Ap ' '-method NFCC.20.20.20.2.1 608 #???#AFM=/home/kuro/data/12voicedata_ueki_all_MFCCl20m20n2DRRL_Ku20omp5/MFCCl20m20n2El

#????##TP0.889 TN0.993 FP0.007 FN0.111 ER0.022 RC0.889 PR0.956 F0.921 n4410 k21 MFCC120m20n22E1N40b50 610 #???##TP0.897 TN0.993 FP0.007 FN0.103 ER0.021 RC0.897 PR0.953 F0.924 n4410 k21 MFCC120m20n22E1N50b50 al.6R11x0sds 36.015s(0:00:36.014)

611 #777##TPG.960 TNO.992 FPG.008 FNO.100 ERG.021 RCG.900 PRG.950 FG.924 n4410 k21 MFCC120m20n22E1N60b50 al.6R11xOsds 63.763s(0:01:03.762) 612 #7??##TPG.898 TNO.992 FPG.008 FNO.102 ERG.022 RCG.898 PRG.946 FG.922 n4410 k21 MFCC120m20n22E1N70b50 al.6R11x0sds 39.340s(0:00:39.340)

613 #???# 614 #???##TP0.911 TNO.992 FPO.008 FNO.089 ERO.019 RCO.911 PRO.952 FO.931 n4410 k42 MFCC120m20n22EIN60b50 al.6R1lx08ds 60.3668(0:01:00.366) -AF \$AFM 615 #???##TPO.905 TNO.992 FPO.008 FNO.095 ERO.020 RCO.905 PRO.950 FO.927 n4410 k63 MFCC120m20n22EIN60b50 al.6R1lx08ds 85.0158(0:01:25.015) -AF \$AFM:\$AFM al.6R11x0sds 47.365s(0:00:47.365)

#new LPC+SE 20210618

618 python oob4speakerdigit+RX_20210617.py -sp fhs:fms:mkk:mko:mmt:mnh:mym -tx zero:ichi:ni:san:si:go:ro ku:nana:hachi:kyu -L 1:2:3:45:6:7:89 -dr -/data/12Yoicedata_ueki_all_LPGK2015R1_Ku20omp5 -R 1 -mbas 2:50:1 cs. 1-N 60 -as s -sx -1 -mel 0 -nlz norm -fner: " -AP " -method LPG+SE,20,5,sc,120 cs. 1-N 0 -nlz norm -fner: " -AP " -method LPG+SE,20,5,sc,120 cs. 1-N 0 -12 PRO.319 PRO.319 PRO.61 PRO.806 PRO.80 FRO.819 PRO.328.189 Cs. 1-N 0-727 FRO.319 PRO.191 PRO.304 PRO.806 PRO.38 N-4410 k120 scns120N60b50al.6R1lx0sds 208.1888 (0:03:28.188) -/data/12Voicedata_ueki_all_LPGK2015R1_Ku20omp5

readmecan2mspeech.txt Jun 19 2021 08:15:37

sCns120N60b50a1.6R11x0sds n4410 k240 ki_all_LPCk2015R1_Ku20omp5/sCns120 FN0.322 ER0.070 RC0.678 PR0.800 F0.734 AFL=~/data/12voicedata_ueki FP0.028 TNO.972 #TP0.678

#new MFCC @ u20@VB@win10@laptop 622

624 python oob4speakerdigit+RX_2010617.py -sp fhs:fms:mkk:mko:mmt:mmh:mym -tx zero:ichi:ni:san:si:go:ro ku:nana:hachi:kyu -L 1:2:3:445:67789 -dx -/data/12voicedata_ucki_all_MFCG120m0D20REL_Ku20omp5 -R 1 -mbas 2:50:1.6:11 -N 49 -sd s -sx -1 -mel 0 -nlz norm -fnerx ' -AF ' ' -method MFCC, 20, 20, 22,1 -mel 0 -nlz norm -fnerx ' -AF ' ' -method MFCC, 20, 20, 22,1 -mel 0 -nlz norm -fnerx ' -AF ' ' -method MFCC, 20, 20, 22,1 -mel 0 -nlz norm -fnerx ' -AF ' ' -method MFCC, 20, 20, 22,1 -mel 0 -nlz norm -fnerx ' -AF ' ' -method MFCC, 20, 20, 22,1 -mel 0 -nlz norm -fnerx ' -AF ' ' -method MFCC, 20, 20, 22,1 -mel 0 -nlz norm -fnerx ' -AF ' -Mel 0 -nlz norm -fnerx ' -Mel 0 -nlz norm -fner 623

#TP0.851 TN0.989 FP0.011 FN0.149 ER0.030 RC0.851 PR0.931 F0.889 n4410 k21 MFCC120m20n22E1N55b50a1.6R 48.835s(0:00:48.835) 46.292s(0:00:46.291)

MFCC120m20n22E1N51b50a1.6R MFCC120m20n22E1N50b50a1.6R #TP0.857 IN0.989 FP0.011 FN0.143 ER0.030 RC0.857 PR0.926 F0.890 n4410 k21 ER0.029 RC0.854 PR0.932 F0.891 n4410 k21 #TP0.854 TN0.990 FP0.010 FN0.146 43.240) .298s(0:00:42.297) 43.241s(0:00:

#TPO.851 TNO.989 FPO.011 FNO.149 ERO.030 RCO.851 PRO.929 FO.888 M4410 K21 MFCC120m20n22E1N48b50al.6R \$1.178(0.042.117) FNO.949 FPO.010 FNO.151 ERO.030 RCO.849 PRO.935 FO.890 M4410 K21 MFCC120m20n22E1N45b50al.6R MFCC120m20n22E1N49b50a1.6R PRO.945 FO.893 n4410 k21 RC0.846 #TP0.846 TN0.992 FP0.008 FN0.154 ER0.029 43.305s(0:00:43.305)*** 41.785) 41.786s(0:00:

#TPO.841 TNO.986 FPO.014 FNO.159 ERO.034 RCO.841 PRO.911 FO.875 n4410 K21 MFCC120m20n22E1N40b50a1.6R

39.523s(0:00:39.522)

AFM=~/data/12voicedata_ueki_all_MFCC120m20n20ER1_Ku20omp5/MFCC120m20n22E1 11x0sds

FP0.012 FN0.214 ER0.041 RC0.786 PR0.913 F0.845 n4410 k141 MFCC120m20n22E1N70b50a1.6 638 #TPO.873 TWO.991 FPO.009 FNO.127 ERO.026 RCO.873 PRO.9 1.Xodsa 76.3946(0.116.934) AF \${APM}\$ 639 #TPO.883 TWO.993 FPO.007 FWO.117 PRO.013 RCO.883 PRO.9 R11X0804 407.8016(0.106.47.800) AF \${APM}\$; \${APM}\$? TM0.988 #TP0.786 640 641

RILX06ds 300.601s(0:05:00.601)-AF \$AFL N=70 642 #TPO.800 TNO.989 FPO.011 FNO.200 ER0.038 RCO.800 PRO.923 FO.857 n4410 k141 MFCC120m20n22EIN80b50al.6 RILX0sds 390.498s(0:06:30.498)-AF \$AFL 643 #TPO.779 TNO.989 FPO.011 FNO.221 ERO.041 RCO.779 PRO.919 FO.844 n4410 k141 MFCC120m20n22E1N90b50a1.6 RllxOsds 427.209s(0:07:07.209)-AF \$AFL 644

AFC=-/data/12voicedata_ueki_all_k8l0RlN50a0.7b20_Ku20omp2/pP1F2x23G3x0.5m0 #(train_xy.dat) AF#2
AFC=-/data/12voicedata_ueki_all_k8l0RlN50a0.7b20_Ku20omp2/pP1F2x23G3x0.5m0 #(train_xy.dat) AF#2
102.241s(0:01:42.240) -AF \$AFC N60
#TFO.875 TNO.991 FPO.009 FNO.124 ERO.025 RCO.876 PRO.942 FO.908 h4410 k67 MFCC120m20h22ElN70b50al.6R 645 646 11x0sds 647 11x0sds

#TPO.878 TNO.992 FPO.008 FNO.122 ERO.024 RCO.878 PRO.950 FO.913 n4410 k67 MFCC120m20n22E1N85b50al.6R L15.5218(0:01:59.520) -AF \$AFC N80 *** #TPO.879 TNO.992 FPO.008 FNO.121 ERO.024 RCO.879 PRO.947 F0.912 n4410 k67 MFCC120m20n22E1N90b50al.6R 137.2378(0:02:17.237) -AF \$AFC N90 MFCC120m20n22E1N80b50a1.6R PRO.953 FO.913 n4410 k67 116.139s(0:01:56.138) -AF \$AFC N70 #TP0.876 TN0.993 FP0.007 FN0.124 ER0.024 RC0.876 127.024s(0:02:07.023) -AF \$AFC N80 *** 648 11x0sds 649 11x0sds 650 11x0sds

651 652

#TP0.756 TN0.979 FP0.021 FN0.244 ER0.053 RC0.756 PR0.856 F0.803 n4410 k46 pP1F2x23G3x0.5m0N70b50a1.6 653

656 python oob4speakerdigit+RX_20210617.py -sp fhs:fms:mkk:mko:mmt:mnh:mym -tx zero:ichi:ni:san:si:go:ro
k:nana:ishori:kyu - 1:2:3:45:6:7:8:9 -dr /home/kuro/data/l2voicedata_ueki_all_CAN2kBNS0a0.7b20Rl_Ku20omp5
-R l -RX 0 -mbas 2:5:0:1.6:1 -sd s -N 70 -sx -l -FD pPl -mel 0 -nlz l -lx 0 -ow l -AF -method CAN2+PD,8,50,2
:0.7:1:20,2,23;3,0.5,0

658 AFW=/home/kuro/data/12voicecaua_____ 659 —method CANZ+PD,8,50,2:0.7:1:20,2,23,3,0.5,u . 659 —method CANZ+PD,8,50,2:0.7:1:20,2,23,3,0.5,u . 661 —dethod canz-PD,8,50,2:0.7:1:20,2,23,3,0.5,u . 662 #01d involves bug? 663 #TPO.681 TNO.973 FPO.027 FNO.319 ERO.069 RCO.681 PRO.806 FO.738 n4410 k120 scns120N60b50al.6RILku20amp5/scns120 (train_xy.dat) aptop 664 #F=-/data/12voicedata_ueki_all_k2015R1_ku20amp5/scns120 (train_xy.dat) at mrcc120m20n22EIN60b50al.6F

669 AF=~/data/12voioedata_ueki_a11_k810R1N50a0.7b20_Ku20omp2/pP1F2x23G3x0.5m0 #(train_xy.dat) AF#2

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670 AF=~/data/12voicedata_ueki_all_120m20n20ER1_Ku20omp5/MFCC120m20n22E1

#(train_xy.dat; ER0.021 F0.

672 python oob4speakerdigit+RX_20210617.py -sp fhs:fms:mkk:mko:mmt:mmh:mym -tx zero:ichi:ni:san:si:go:ro ku:nana:hachi:kyu - i.1:3:34:5:67:78:9 - fp - //data/l2voicedata_ueki_all_12/ma/2002BRL_Ku200mp5 - R 1 -mbas 2:50 :1.6:1 - N 60 -sd s -sx - 1 -mel 0 -nlz norm - fnerr ' ' - AF \$AF -method NFCC,20,20,20,20,20,22. #TP0.900 TN0.992 FP0.008 FN0.100 ER0.021 RC0.900 PR0.950 F0.924 n4410 k21 MFCC120m20n22E1N60b50a1.6R 674

#TP0.919 TN0.992 FP0.008 FN0.081 ER0.018 RC0.919 PR0.952 F0.935 n4410 k43 MFCC120m20n22EIN60b50a1.6R 675 #TP0.919 TN0.992 FP0.008 FN0. 11x0sds 32466.880s(9:01:06.879) AF#1 190.403s(0:03:10.403) 11x0sds

676 #TPO.859 TNO.992 FPO.008 FNO.141 ERO.027 RCO.859 PRO.947 FO.901 n4410 K68 MFCC120m20n22E1N60b50al.6R LIXx08d8 32503.7588(9.01.43.757) AF#2 677 #TPO.849 TNO.992 FPO.008 FNO.151 ERO.028 RCO.849 PRO.947 FO.895 n4410 K142 MFCC120m20n22E1N60b50al.6 RILXOBAS 264.019s(0:04:24.018) AF#3

7.py -sp fhs:fms:mkk:mko:mmt:mnh:mym -tx zero:ichi:ni:san:siigo:ro -x /data112voidedata.ukki.all.12018ft.12020mp5 -R 1 -mbas 2:50:1.6: -x /d -AR 'v -method LPGSB.20,5,sc,120 ku:nana:hachi:kyu -L 1:2:3:4:5:6:7:8:9 -dr ~/dat 1 -N 60 -sd s -sX -l -mel 0 -nlz norm -fnerr '' python oob4speakerdigit+RX_20210617.py 680 681

fitrain_m='{}/{}{}-{}.dat'.format(dr,FDext,fbtrain,m) #TP0.787 TN0.990 FP0.010 FN0.213 ER0.039 RC0.787 PR0.927 F0.852 n4410 k261 MFCC120m20n22E1N60b50al.6 682

Rllx0sds 826.068s(0:13:46.068) 683

684 cmd="cob4speakerdig1t+RX_20210617.py -sp fhs:fms:mkk:mkc:mmt:mmh:mym -rx zerc:ichi:ni:san:si:go:roku: :nana:hachi:kyu-L 1:23:34:45:67:78:9 - dx -/datch12vo.cedate_ukk1_all_120m20n20Rzl_ku20omp5 -R 1 -mbas 2:50:1 .6:1 -N 60 -sd s -sX -1 -mel 0 -nlz norm -fnerx -AF V/V -method NNCC,20,20,22.1 " cmd="oob4speakerdigit+RX_20210617.py 685

688 #old?TPO.860 TNO.990 FPO.010 FNO.140 ERO.028 RCO.860 PRO.938 FO.897 n4410 k24 MFCC120m23n2IEIN60b50a 1.6RILX0854 47.2650(6.0047.7200).../.../LYOOI-06640E.a.eki_all_l20m12m2RLLKAN200mp5 689 #old4TPO.857 TNO.991 FPO.009 FNO.143 ERO.028 RCC.857 PRO.941 FO.897 n4410 k23 MFCC120m22n2IEIN60b50a 1.6RILX0845 51.9685(0:00:51.986).../.../12voicedata_ueki_all_l20m22D2ERLLKAN200mp5/MFCC120mp5*** 690 #old4TPO.857 TNO.990 FPO.010 FNO.148 ERO.028 RCC.857 FPO.991 n4410 k25 MFCC120m2An2IEIN60b50a 691 #old4TPO.852 TNO.990 FPO.010 FNO.148 ERO.029 RCC.852 PRO.934 FO.891 n4410 k25 MFCC120m2An2IEIN60b50a

1.6R11x0sds 49.6538(0:00:49.652)../../12voicedata_ueki_all_l20ml2nl2ER1_Ku20omp5 692 #eld7TP0.689 TNO.990 PP0.010 FRO.029 RC0.689 PRO.933 PRO.944 HQL X22 MFCC120m2ln2IBIN60b50a 1.6R11x0sds 51.4478(0:00:51.446)../../12voicedata_ueki_all_l20ml2nl2ER1_Ku20omp5*** 693 #old?TP0.857 TNO.989 FP0.011 FNO.143 ER0.030 RC0.857 PRO.928 FO.891 n4410 k23 MFCC120m22n22EIN60b50a 1.6R11xosds 48.1328.000:0148.132)../../12voicedata_ueki_all_l20ml2nl2ER1_Ku20omp5 694 #old?TP0.848 TNO.990 FP0.010 FNO.152 ER0.030 RCC.848 PRO.932 FD.888 n4410 k23 MFCC120m22n2DEIN60b50a 1.6R11xosds 50.2395(0:00:50.238).././12voicedata_ueki_all_l20ml2nl2ER1_Ku20omp5

1.6R11x0sda 50.239s(0:00:50.238).//./12voicedata_ueki_all_120ml2n12ERL_KN20omp5
695 #old?TPO.849 TNO.999 PPO.011 FNO.151 ERO.31 RCC.849 PRO.956 FO.886 n4410 K21 MFCC120m22n20EIN60b50a
1.6R11x0sda 52.762s(0:00:52.761).//./12voicedata_ueki_all_120ml2n12ERL_KN20omp5
696 #old?TPO.832 TNO.998 PPO.013 FNO.148 ERO.932 REO.516 FO.883 H4410 K18 MFCC120ml7n21EIN60b50a
1.6R11x0sda 42.593s(0:00:42.522).//./12voicedata_ueki_all_120ml2n12ERL_KU20omp5
697 #old?TPO.797 TNO.985 PPO.015 FNO.203 ERO.041 RCO.797 PRO.901 FO.884 n4410 k18 MFCC120ml7n21EIN60b50a
1.6R11x0sda 42.593s(0:00:42.522).//./12voicedata_ueki_all_120ml2n12ER1_Ku20omp5
697 #old?TPO.77 TNO.985 PPO.015 FNO.203 ERO.041 RCO.797 PRO.901 FO.846 n4410 k16 MFCC120ml5n21EIN60b50a
698 #old?TPO.77 TNO.985 PPO.012 RNO.203 ERO.041 RCO.797 PRO.901 PO.846 n4410 k16 MFCC120ml5n21EIN60b50a

SR11xOsds 37.673s(0:00:37.672)../../12voicedata_ueki_a11_120m12n12ER1_Ku20omp5 698 #old?TP0.789 TNO.981 FP0.019 FNO.211 ERO.046 RCO.789 PRO.875 FO.830 n4410 k14 MFCC120m13n21E1N60b50a

1.6R11x0sds 40.372s(0:00:40.372).//./12voicedata_ueki_all_120m12n12ERI_Ku20omp5 699 #c1047Pp0.784 TWO.99E FWO.216 ERVO.764 FWO.96 FWO.96 FWO.979 HPO.829 H4410 kl3 MFCC120m12n2IEINGOb50a 1.6R11x0sds 39.59ss(0:00:39.595)../.12voicedata_ueki_all_120m12n12ERI_Ku20omp5 700 #c1d7Pp0.757 TWO.984 FPO.016 FWO.248 ERO.049 FCO.757 PRO.885 FO.816 n4410 kl3 MFCC120m12n24EINGOb50a 1.6R11x0sds 31.199s(0:00:31.189)../..12voicedata_ueki_all_120m12n12ERI_Ku20omp5 701 #c1d7Pp0.778 TWO.981 FPO.019 FWO.222 ERO.047 FCO.778 PRO.875 FO.824 n4410 kl3 MFCC120m12n20EINGOb50a 1.6R11x0sds 32.801s(0:00:33.80)../../12voicedata_ueki_all_120m12n12ERI_Ku20omp5

8s(0:00:40.058)../../12voicedata_ueki_all_120ml2nl2ER1_Ku20omp5 784 TW0.980 FP0.020 FW0.216 ER0.047 RC0.784 PRO.870 F0.825 n4410 kl3 MFCC120ml2nl9ElN60b50a 704 #old?TP0.784 TN0.980 FP0.020 FN0.216 ER0.047 RC0.784 PR0.870 F0.825 n441(

706 #TP0.646 TN0.970 FP0.030 FN0.354 ER0.076 RC0.646 PR0.784 F0.708 n4410 k133 MFCC120m12n20E1N60b50a1.6 707 ##../../12voicedata_uéki_all_120ml2nl2ER1_Ku20omp5+AF../../12voicedata_ueki_all_k2015R1_Ku20omp2/FDs Cns1201s10 R11x0sds 200.001s(0:03:20.001)

20210404-20210509 useful result of

speaker identification ***************** sq=s tspomp for

../../12voicedata_u

../../12voice

eadmecan2mspeech.txt Jun 19 2021 08:15:37

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pP1F2x23G3x0.5m0N80b50a1.6 .175 ER0.034 RCO.825 PR0.924 F0.872 n4410 k92 pP1F2x23G3x0.5m0N80b50al.6 /12voicedata_ueki_all_k810R1N50a0.7b20_Ku20omp3+../../12voicedata_ueki_a FN0.175 11_k2015R1_Ku20omp3/pP1F2x23G3x0.5m0 721 #TP0.829 TN0.989 FP0.011 FN0. #TP0.825 IN0.989

721 #TP0.829 TNO.989 FP0.011 FNO.171 ERO.034 RCO.829 PRO.926 FO.874 n4410 k92 ppIF2x23G3xO.5mON7Ob50al.6 Rtxloseds 1294.0328 (0.21.34.032).../12voicedata_ueki_all_k8l0RlN50aO.7b20_Ku20omp3+../../12voicedata_ueki_all_k2015Rl Ku20omp3+../../12voicedata_ueki_all_k2015Rl Ku20omp3+../../12voicedata_ueki_all_k2015Rl Ku20omp3/PPIF2x2333xO.5mON50aD.8 RCO.821 PRO.927 FO.870 n4410 k92 ppIF2x23G3xO.5mON65b50al.6

RILX09ds 1464.5038(0:24:24.503)../../12voicedata_ueki_all_k8l0RlN50a0.7b20_Ku20omp2+../../12voicedata_ueki_a 1.2015RL #x20omp2.5prlExx233x0.5m0 723 #FTP0.824 TN0.990 FPD.010 FNO.176 ER0.034 RC0.824 FR0.930 F0.874 n4410 k92 pplF2x23d3x0.5m0N60b50al.6 RILX08ds 1366.7908(0:22:46.790)../../12voicedata_ueki_all_k8l0RlN50a0.7b20_Ku20omp2+../../12voicedata_ueki_a 11_k2015R1_Ku20omp2/pP1F2x23G3x0.5m0 724 #TP0.829 TN0.988 FP0.012 FN0.171 ER0.035 RC0.829

RIIXO8ds 909.191s(0:15:09.190).././I2voicedata_ueki_all_k810RIN50a0.7b20_ku20omp3*../../I2voicedata_ueki_all_ 1_k2015Rl_ku20omp3/pP1R7x2333x0.5m0***N40 why small? 726 #TP00.885 TW0.988 FP0.012 FN0.175 ER0.035 RC0.825 PR0.922 F0.871 n4410 k92 pP1R2x2333x0.5m0N30b50al.6 RIIXO8ds 790.28856(0:13:10.288).././I2voicedata_ueki_all_k810RIN50a0.7b20_ku20omp3+../../I2voicedata_ueki_all_k2015Rl_ku20omp3/pP1R2x2333x0.5m0.

6R1]x0sds 1972;308s(0:32:52.308).././12voicedata_ueki_a11_k8l0R1N50a0.7b20_ku20omp3+../../12voicedata_ueki_ a11_k2018r1_ku30omp3/FpDecns1201s10 732 #TP0.743 TN0.975 FP0.025 FN0.257 ER0.058 RC0.743 FR0.834 F0.786 n4410 k166 pp1F2x2333x0.5m0N28b50a1.

6R11X08ds 1299.015s(0:32:00.014).../.../Zvoicedata_ueki_all_k810R1N50a0.75si.../c.../Zvoicedata_ueki_all_k810R1N50a0.75si.../c.../Zvoicedata_ueki_all_k810R1N50a0.75si.../c.../Zvoicedata_ueki_all_k810R1N50a0.75si.../c../Zvoicedata_ueki_all_k810R1N50a0.75si.../c../Zvoicedata_ueki_all_k810R1N50a0.75si.../c./Zvoicedata_ueki_all_k810R1N50a0.75si.../c./Zvoicedata_ueki_all_k810R1N50a0.75si.../c./Zvoicedata_ueki_all_k810R1N50a0.75si.../c./Zvoicedata_ueki_all_k810R1N50a0.7bs0_ku20omp2+.../c./Zvoicedata_ueki_all_k

736 #[2b.2] LPC.sC (Levinson-Durbin) ???see #see result of 20210420 ??? F0.917?

737 #TPC.660 TNO, 971 PPC.0.29 FNO.340 ERO.0.073 RCO.660 PRO.719 n4410 k120 FDSCDS1201S10N50b50al.6R1

1x05ds 1444.2988(0:24:04.298).../.../Lycoiccedata_ueki_all_k2015R1_ku20omp3 14410 k120 FDSCDS1201810N60b50al.6R1

738 #TPO.679 TNO.972 FPD.028 FNO.321 ERO.707 RCO.659 PRO.801 FO.735 n4410 k120 FDSCDS1201810N60b50al.6R1

1x05ds 1864.5458(0:52.526.444).../.../Lycoiccedata_ueki_all_k2015R1_ku20omp3 laptcp xxx FDSC.k2015

1x05ds 1817.6128(0:30:17.612).../.../.../Lycoiccedata_ueki_all_k2015R1_ku20omp3 laptcp

740 #TPO.665 TNO.972 FPO.028 FNO.335 ERO.071 RCO.665 PRO.801 FO.727 n4410 k120 FDSCDS1201S10N70b50al.6R1

1x05ds 2195.7298(0:36:35.728).../.../Lycoiccedata_ueki_all_k2015R1_ku20omp3 laptcp

741 #TPO.665 TNO.972 FPO.298 FNO.337 FNO.665 PRO.801 FO.727 n4410 k120 FDSCDS1201S10N70b50al.6R1

741 #TPO.663 TNO.971 FPO.029 FNO.337 FNO.665 PRO.801 K200omp2 susanoo

lx0sds 2356.659s(0:39:16.659)../..7lzvoicedata_ueki_all_k2015Rl_ku20omp2
742 #saved ../../12voicedata_ueki_all_k2015Rl_Ku20omp3/FDsCns1201s10train_xy.dat with AF=../../12voiceda
ra_ueki_all_k2015Rl_Ku20omp3/FDsCns1201s10
743 #TP0.579 TNO.966 FP0.034 FNO.321 ERO.075 RCO.679 PRO.768 FO.721 n4410 kl20 FDsCns1201s10N70b50al.6Rl

| IxOsds 1725.132s(0:28:45.131)../../12voicedata_ueki_all_k8l0RlN50a0.7b20_ku20cmp2
745 #TP0.681 TNO 969 FP0.031 RNO 1312 RRO.7b2 RCO.681 PRO.786 F0.730 14410 k.120 FD5Cn51201510N60b50al.GR1
| IxOsds 1575.145s(0:26:15.144)../../12voicedata_ueki_all_k8l0RlN50a0.7b20 ku20cmp2xxx FD5C.kBl0
746 #TP0.675 TNO 970 FP0.030 FNO.325 ERO.072 RCO.675 PRO.788 FO.727 n4410 kl20 FD5Cn51201510N50b50al.GR1
| IxOsds 1440-412s(0:24:100.411)..../12voicedata_ueki_all_k8l0RlN50a0.7b20 ku20cmp2
747 #TP0.671 TNO.964 FP0.036 FNO.329 ERO.078 RCO.677 PRO.757 FO.712 n4410 kl20 FD5Cn51201510N40b50al.GR1
| IxOsds 1298.962s(0:21:38.962)../../12voicedata_ueki_all_k8l0RlN50a0.7b20_ku20cmp2 #TPO.679 TNO.966 FPD.034 FNO.321 ERO.075 RCO.679 PRO.768 FO.721 n4410 k.120 FDSCns1201510N70b550al.6Rl 125.1325 (0:28:45.131). // //12voicedata_ueki_all_kBlonIN50a0 /720_1020_ku20omp2 #TPO.681 TNO.959 FPO.031 FNO.319 ERO.077 RCO.681 PRO.736 FD.730 n4410 k.120 FDSCns1201510N60b550al.6Rl

coob4speakerdigit+RX 20210426.py -sp fhs:fms:mkk:mko:mmt:mmh:mym -tx zero:ichi:ni:san:si:go:ro cyu -L 1:2:3:4:5:6:7:8:9 -dr ../../12voicedata_ueki_all_k810R1N50a0.7b20_ku20omp2 -R 1 -RX 0 - cya -L 1:2:3:4:5:6:7:8:9 -dr ../../12voicedata_ueki_all_k810R1N50a0.7b20_ku20omp2 -R 1 -RX 0 - cya -L -sd s -N 70 -sX -l -FD pp1 -nx 14 -nx 2 -na 23 -nG 3 -sG 0.5 -mel 0 -nlz 1 -lx 0 -ow 1 -AF ' #[2a.3] #LPC.pp1 best with N=70 with pP1F2x23G3x0.5m0N50b50a1.6R11x0sds for ../../12voicedata_ueki_a 11_k2015R1_Ku20omp3 751 python oob4s 751 python oob ku:nana:hachi:kyu

mbas 2:50:1.6:1

752

757 #saved ../../12voicedata_ueki_all_k2015R1_Ku20omp3/pplF2x23G3x0.5m0train_xy.dat with AF=../../12voic edata_ueki_all_k2015R1_Ku20omp3/pplF2x33G3x0.6m0 edata_ueki_all_k2015R1_Ku20omp3/pplF2x33G3x0.6m0 756 #1P0.682 TN0.977 PP0.023 FN0.308 ER0.063 RC0.692 PR0.834 F0.756 n4410 k46 pplF2x23G3x0.5m0N40b50all.6

```
# #TPO.683 TNO 983 FPO.017 FNO.317 ERO.060 RCO.683 PRO.869 FO.764 n4410 k46 PPIP2x23G3xO.5mON5Ob5Oal.6 FPO.764 n4410 k46 PPIP2x23G3xO.5mON5Ob5Oal.6 FPO.764 n4410 k46 PPIP2x23G3xO.5mON5Ob5Oal.6 FPO.764 n4410 k46 PPIP2x23G3xO.5mON6Ob5Oal.6 FPO.767 NA.0 983 PPO.017 FPO.33 PEO.062 ROGERORE NO.865 FPO.755 N4410 k46 PPIP2x23G3xO.5mON6Ob5Oal.6 FPO.765 NA.0 NO.983 PPO.017 FPO.33 PPO.062 ROGERORE NO.865 FPO.755 NA.410 k46 PPIP2x23G3xO.5mON6Ob5Oal.6 PPO.765 NA.0 NO.983 PPO.017 PPO.33 PPO.062 ROGERORE NO.983 PPO.017 PPO.33 PPO.062 ROGERORE NO.983 PPO.017 
                                                                         ./../12voicedata_ueki_all_k2015R1_Ku20omp2susanoo
451.517s(0:07:31.517).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              R11x0sds
```

R11x0sds 590.509s(0:09:50.508)../../12voicedata_ueki_a11_k2015R1_Ku20omp2susanoo

../../12voicedata_ueki_al result? N70 with pP1F2x23G3x0.5m0N70b50a1.6R11x0sds for 761 #[2a.3]#pLPC #best x 1_k810R1N50a0.7b20_ku20omp2 763

766 #TPD.784 TNO.982 FPD.018 FNO.216 ERO.046 RCO.784 PRO.881 FO.830 n4410 k46 pPIFZX25G3xO.580060b50al.6 R11x06d5 597.5685(0:09:57.568).././12voicedata_ueki_all_k810R1N50a0.7b20_kv120mp2 tspomp@susanco 767 #TPD.778 TNO.979 FPD.021 ERO.22 ERO.050 RCO.778 PRO.858 FO.816 n4410 k46 pPIFZX25G3xO.5m0N60b50al.6 R11x05d5 530.271xs(0:08:50.2770).././12voicedata_ueki_all_k810R1N50a0.7b20_kx120mp2 tspomp@susanco 768 #TPD.778 TNO.979 FPD.021 FNO.219 ERO.049 RCO.781 PRO.862 FO.819 n4410 k46 pPIFZX25G3xO.5m0N40b50al.6 R11x05d5 377.0788(0:06:17.078).././12voicedata_ueki_all_k810R1N50a0.7b20_kx120mp2 tspomp@lapcop R11x05d5 317.0788(0:06:17.078).././12voicedata_ueki_all_k810R1N50a0.7b20_kx120mp3 tspomp@lapcop R11x05d5 315.215s(0:05:15.214).././12voicedata_ueki_all_k810R1N50a0.7b20_kx120mp3 tspomp@lapcop

771 ####result of speed-compare from here performance check for [2a.3]
772 ##python oob4speakera1214:+XZ.0210436.py -sp fhs:fms:mkk:mko:mmt:mnh:mym -tx zero:ichi:ni:san:si:go:
xcku:nana:hachi:kyu -L 1:2:3:45:67:8:9 -dx -.../12voicedata_ueki.all_k810R1N50a0.7b20_ku20omp2 -R 1 -RX 0
-mbas 2:50:1.6:1 -sd s -N 70 -sX -L -FD pp1 -nx 14 -nx 2 -na 23 -nG 3 -sG 0.5 -me1 0 -nlz 1 -lx 0 -ow 1 -AF

FO.840 n4410 k46 pP1F2x23G3x0.5m0N70b50a1.6 773 #TP0.800 IN0.983 FP0.017 FN0.200 ER0.043 RC0.800 PR0.884

tspomp@u20@km1(laptop) R11x0sds 181.137s(0:03:01.137)../../12voicedata_ueki_a11_k810R1N50a0.7b20_Ku20omp2* cpu CC=icc 775 #TP

775 #TP0.800 TN0.983 FP0.017 FN0.200 ER0.043 RC0.800 PR0.884 F0.840 M4410 k46 pP1F2x23G3x0.5m0N70b50al.6 Rllx0sds 101.919s(0:01:41.919)../../12voicedata_ueki_all_k8l0RlN50a0.7b20_Ku20omp2 tspomp@u20@susanoo 8cpu C C=icc !

F0.840 n4410 k46 pP1F2x23G3x0.5m0N70b50a1.6 776 #TPO.800 TNO.983 FPO.017 FNO.200 ERO.043 RCO.800 PRO.884 FO.840 n4410 k46 pplF2x23G3x0.5m0N70b50a1. Rllx0sds 230.951s(0:03:50.951)../../12voicedata_ueki_all_k8l0RlN50a0.7b20_Ku20omp2 tspomp@ul2@winl0@laptop #TP0.800 IN0.983 FP0.017 FN0.200 ER0.043 RC0.800 PR0.884 cpu CC=icc 777 #TE

291.941s(0:04:51.941)../../12voicedata_ueki_all_k810R1N50a0.7b20_Ku200mp3_tspomp@u12@u20@laptop_6cp R11x0sds u CC=icc

F0.840 n4410 k46 pPlF2x23G3x0.5m0N70b50al.6 R11x08ds 386.288s(0:06:26.288)../../12voicedata_ueki_a11_k810R1N50a0.7b20_Ku20omp2 tspomp@u12@u20@susanoo* !!! 4cpu CC=icc 778 #TP0.800 TN0.983 FP0.017 FN0.200 ER0.043 RC0.800 PR0.884

F0.840 n4410 k46 pP1F2x23G3x0.5m0N70b50al.6 779 # 780 #FPO.800 TNO.983 FPO.017 FNO.200 ERO.043 RCO.800 PRO.884 FO.840 n4410 k46 pplF2x23d3x0.5m0N70b50al. 781xc8ds 646.105s(0:10:46.105)../../12voicedate_uek1_all_k810R1N50a0.7b20_Ku20omp2 tspomp@ul2@winl0@laptop cpu (make CC=gcc)

781 #TPO.800 TNO.983 FPO.017 FNO.200 ERO.043 RCO.800 PRO.884 FO.840 m4410 k46 pPIF2x2333x0.5m0N70b50al.6 Rllx09ds 697.178s(0:11:37.178)../../12voicedata_ueki_all_k8l0RlN50a0.7b20_Ku20omp3 tspomp@ul2@u20@laptop 60p u (make CC=gcc) 782 ###

pacd#TP0.800 TN0.983 FP0.017 FN0.200 ER0.043 RC0.800 PR0.884 F0.840 n4410 k46 pP1F2x23G3x0.5m0N70b50 al.6R11x0sds 667.272s(0:11:07.271)../../12voicedata_ueki_a11_k810R1N50a0.7b20_Ku20omp2 tspomp@u14@win10@lapt

u (make CC=qcc) 1 (make CC=qcc) 1 785 #TPO.800 TNO.983 FPO.017 FNO.200 ERO.043 RCO.800 PRO.884 FO.884 PO.840 M4410 k46 pPIF2x2333x0.5m0N70b50al.6 Rllx0sds 937.347s(0:15:37.346)../../12voicedata_ueki_all_k8l0RlN50a0.7b20_Ku20omp@u14@u20@susanoo*** F0.840 n4410 k46 pPlF2x23G3x0.5m0N70b50al.6 R11x0sds 672.547s(0:11:12.547)../../12voicedata_ueki_a11_k810R1N50a0.7b20_Ku20omp3^tspomp@u14@u20@laptop 6cp op 6cpu (make CC=gcc) 784 #TP0.800 TN0.983 FP0.017 FN0.200 ER0.043 RC0.800 PR0.884

೧೭=೨೦೦ 186 ## !!! 4cpn

787 #TP0.800 TN0.983 FP0.017 FN0.200 ER0.043 RC0.800 PR0.884 F0.840 n4410 k46 pP1F2x23G3x0.5m0N70b50a1.6

788 #TP0.800 TN0.983 FP0.017 FN0.200 ER0.043 RC0.800 PR0.884 F0.840 n4410 k46 pP1F2x23G3x0.5m0N70b50a1.6 R11x0sds 660.7188(0:11:00.718)../../12voicedata_ueki_a11_k810R1N50a0.7b20_Ku20omp2 tspomp@u20@susanoo***!! R11x0sds 552.354s(0:09:12.353)../../12voicedata_ueki_a11_k810R1N50a0.7b20_Ku20omp3 tspomp@u20@laptop***!!1
2cpu CC=gcc
788 #TPO.800 TNO.983 FPO.017 FNO.200 ERO.043 RCO.800 PRO.884 F0.840 n4410 k46 pplF2x23d3x0.5m0N70b50a1.

789 #TPO.800 TNO.983 FPO.017 FNO.200 ERO.043 RCO.800 PRO.884 FO.840 m4410 k46 pPIF2x23G3xO.5m0N70b50al.6 RIIx0sds 644.140s(0:10:44.140)../../12voicedata_ueki_all_k8l0R1N50a0.7b20_Ku20omp2 tspomp@u20gsusanoo***!!! 8cpu CC=gcc 789 #TP0.800 TN0.983 FP0. CC=gcc 20210526 8cpu C.

speed-compare to here ####result of F0.830 n4410 k46 pP1F2x23G3x0.5m0N60b50a1.6 tsp@susanoo 2040.521s(0:34:00.521)../../12voicedata_ueki_a11_k810R1N50a0.7b20_Ku20omp2 #TP0.784 IN0.982 FP0.018 FN0.216 ER0.046 RC0.784 PR0.881 Rllx0sds 796 797 #7

#TPO.632 TNO.973 FPO.027 FNO.368 ERO.076 RCO.632 PRO.794 FO.704 n4410 k46 pPCF2x23G3xO.5m0N110b50a1

eadmecan2mspeech.tx Jun 19 2021 08:15:37

pPcF2x23G3x0.5m0N100b50a1. 881.060s(0:14:41.060)../../12voicedata_ueki_a11_k810R1N50a0.7b20_Ku20omp2 tspomp@u20@susanoo***!!! _ueki_all_k810R1N50a0.7b20_Ku20omp3 ER0.076 RC0.624 PR0.799 F0.701 FN0.376 FP0.026 762.992s(0:12:42.992) TNO.974 .624 6R11x0sds 6R11x0sds 799 #TP0.646 TN0.975 FP0.025 FN0.354 ER0.072 RC0.646 PR0.809 F0.718 n4410 %46 pPcF2x23G3x0.5m0N90b50al.6 Rllx0sds 809.931s(0:13:29.931) ../../12voicedata_ueki_all_k810RlN50a0.7b20_Ku20omp2 tspomp@u20@susanoo***!!!

Rllx0sds 611.495s(0:10:11.494) ../../12voicedata_ueki_all_kBlRnlx0sdo 0.720_Ku20omg3 tspomp@laptop***!!!80.1 #TPO.644 TRO.973 FPO.027 FRO.356 ERO.074 RCO.644 PRO.798 F0.713 n4410 k46 ppcPZx23G3x0.5m0N8Ob50al.6
Rllx0sds 55.0.386s (0:09:10.397) ../../2voicedata_ueki_all_kBlRnlx0sdo 7720 ku20omg3 tspomp@laptop***!!!80.2 #TPO.644 TRO 9710 FPO.027 FRO.356 ERO.074 RCO.644 PRO.798 F0.713 n4410 k46 ppcPZx23G3x0.5m0N7Ob50al.6
Rllx0sds 676.1883 (0:11:16.183) ../../12voicedata_ueki_all_kBlRnlx0sdo 7720 ku20omg2 tspomp@slaptop***!!!80.3 #TPO.629 TRO 974 FPO.026 FRO.371 ERO.076 RCO.629 PRO.802 FO.712 n4410 k46 ppcFZx23G3x0.5m0N7Ob50al.6
Rllx0sds 676.1883 (0:08:02.382) .././12voicedata_ueki_all_kBlRnlx0sdo 7720 ku20omg2 tspomp@slaptop***!!!-

??? 900 i ../../12voicedata_ueki_all_n -dr ../../12voicedata_ueki_all_k810R1N50a0.7b20_Ku20o -mp_th 0 -N 50 -rsa 2:0.7:1:20 -DISP 0 -nDisp 5 -S mkk -D ni -L 3 -fnerr '' -dbgi ../../12voicedata_ueki_all_k810R1N50a0.7b20_Ku20omp/mkk-ni3-R1-M.dat 810 python mkM.py -dn mpl -R l -ow 00 -k 8 -l 0 0 900 by made] 811 s NG

815 #TPO 774 TNO 982 FPD 0.18 FNO.216 ERO 7784 PRO 881 FPO 833 n4410 K46 pPIF2x23G3x0.5m0N60b50al.6 F11x0eds 2149.739s(0:35:49.739) K810R1N50a0.7b20_Ku20 susanoo 20210505 816 817 #TPO 644 TNO 973 FPO 0.27 FNO .356 ERO .074 RCO .644 PRO .798 FO .713 n4410 K46 pPcF2x23G3x0.5m0N70b50al.6 817 #TPO .644 TNO .973 FPO .027 FNO .356 ERO .074 RCO .644 PRO .798 FO .713 n4410 K46 pPcF2x23G3x0.5m0N70b50al.6 R11x0eds 2395 554e(0:339.49.545) K810R1N50a0.7b20_Ku20 susanoo 20210505 818 #TPO .733 TNO .981 FPO .019 FNO .227 ERO .048 RCO .773 PRO .873 FO .820 n4410 K46 pPlF2x23G3xO.5m0N80b50al.6 R11x0eds 2661.2316(0:44:21.230) K810R1N50a0.7b20_Ku20 susanoo 20210505***!!2 pP1F2x23G3x0.5m0N80b50a1.6 pP1F2x23G3x0. 813 #TRO.773 TNO.981 FPO.019 FNO.227 ERO.048 RCO.773 PRO.873 FO.820 n4410 k46 j RRIXOBGAS EGS.05446(0.43:55.504) RABIRENISOSO.7P20_ARCS gusanos 20210505 R14 #TPO.800 TNO.983 FPO.017 FNO.200 REO.043 RCO.800 PRO.846 n0.4410 k46 j susanoo 20210505***!!!1 R11x0sds 2369.859s(0:39:29.859) k810R1N50a0.7b20 Ku20

622 #TPD0.781 TNO.979 FPO.021 FNO.219 ERO.049 RCO.781 PRO.862 FO.819 n4410 k46 pplF2x23G3xO.5mON40b50al.6 Rllxbossa [Eas.0309c(0.27708.030) k810Rht850a.70520_kx20 susannoo 202105055?? 823 #TPD0.646 TNO.971 FPO.029 FNO.354 ERO.076 RCO.646 PRO.786 FO.709 n4410 k46 ppcF2x23G3xO.5mON40b50al.6 Rllx0sds 1607.632s(0.26:47.631) k810RlN50a0.7b20_kx20 susannoo 20210505?? 824 #TPD0.781 TNO.971 FPO.029 FNO.319 RRO.749 RCO.7781 PRO.862 FO.819 n4410 k46 pplF2x23G3xO.5mON40b50al.6 Rllx0sds 1575.760s(0.26:15.760) k810RlN50a0.7b20_kx20 laptop 819 #TPD.778 TN0.979 FPD.021 FNO.222 ER0.050 RC0.778 PRO.860 FO.817 n4410 k46 pplF2x23g3x0.5m0N90b50al.6 Rllx0sds 2819.165s(0:46:59.164) k810RlN50a0.7b20_Ku20 susanoo 20210505 820

/12voicedata_ueki_all_k810R1N50a0.7b20_Ku20omp

PRO.791 FO.728 n4410 k120 FDsCns1201s10N60b50a1.6R1 FP0.030 FN0.325 ER0.072 RC0.675 070.970 1608.871s(0:26:48. #TP0.675 839 lx0sds 840 841 lx0sds

../Lizvoicedata_ueki_all_k211RR1_Ku20omp FNO.322 ERO.066 RCO.678 FNO.813 FV.739 H4410 kt20 FDscns1201s10N60b50al.6Rl ../Izvoicedata_ueki_all_k2015R1_Ku20omp******** 29 FNO.317 ERO.070 RCO.683 PRO.799 FO.736 n4410 k120 FDSCns1201s10N60b50a1.6R1 ../../12voicedata_ueki_a11_k1915R1_Ku20omp******* 870) ../../12voi FPO.026 FNO.322 #/1) ../../12VO1 FP0.029 FN0.317 1562.129s(0:26:02.128) 1578.471s(0:26:18.471) #TP0.678 TN0.974 #TP0.683 lx0sds 842 lx0sds

PRO.794 FO.722 n4410 k120 FDsCns1201s10N80b50a1.6R1 1923.482s(0:32:03.481) ../../12voicedata_ueki_all_k1915R1_Ku20omp ER0.073 RC0.662 FP0.029 FN0.338 TN0.971 .662 #TPO. 1x0sds 844 845

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852 #TPO.686 TNO.970 FPO.330 FNO.334 ERO.070 RCO.686 FRO.793 FO.735 n4410 k120 FDBCns1201s10N70b50al.GRl
1k0sds 2160.057 k10:36:00.056) . // //12voicedata_ueki_all_k1915Rl ku30omp *****

853 #TPO.652 TNO.972 FPO.038 FNO.348 ERO.073 RCO.652 PRO.797 FO.777 n4410 k120 FDBCns1201s10N70b50al.GRl
1x0sds 2158.821s(0:35:86:21) . // //12voicedata_ueki_all_k1815Rl Ku30omp
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      860 #TPO.657 TNO.972 FPO.028 FNO.343 ERO.073 RCO.657 PRO.796 FO.720 m4410 K120 FDSCMS1201S10N70b50al.GRl lxosds 1708.4058 (128:38.404) .././lavoicedata_ueki_all_kallgrl Ku20omp 861 #TPO.663 TNO.974 FPO.026 FNO.337 ERO.070 RCO.663 FNO.809 FO.729 m4410 K120 FDSCMS1201S10N70b50al.GRl lxosds 2156.7938 (0:35:56.792) .././lavoicedata_ueki_all_kands Ku20omp 862 #TPO.666 TNO.973 FNO.027 FNO.332 ERO.070 RCO.668 PRO.807 FO.731 m4410 K120 FDSCMS1201S10N70b50al.GRl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1x0sds 1722.666s(0:28:42.666) ...../12xoicedata_ueki_all_k1816kl_ku20omp
864 #TP0.71 TNO.972 FP0.028 FNO.329 ERO.971 RCO.671 FP0.798 F0.729 14410 k120 FDsCns1201s10N70b50al.6Rl
1x0sds 2163.465s(0:36:34.65) ./.../12xoicedata_ueki_all_k1716kl_ku20omp susanoo
865 #TP0.649 TNO.970 FP0.030 FNO.351 ERO.076 RCO.649 FRO.781 F0.709 n4410 k120 FDsCns1201s10N70b50al.6Rl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1x0sds 2135.411s(0:35:35.411) .../../12x0icedate_ukkl_all_k1616R1_k1200mpylusanoo****

1x0sds 2135.411s(0:35:35.411) .../../12x0icedate_ukkl_all_k1616R1_k1200mpylusanoo****

1x0sds 169.0051 TWO.967 FWO.033 FWO.349 ER0.078 RCO.651 FWO.768 FWO.764 fw410 k120 FPScns1201910N70b50al.6R1

1x0sds 169.0051 TWO.966 FPO.034 FWO.346 ER0.078 RCO.654 FWO.762 FWO.764 fw410 k120 FPScns1201910N70b50al.6R1

1x0sds 1696.719s(0:28:16.719) .../../12x0icedate_ukkl_all_k1416R1_k1200mp laptop

1x0sds 1696.719s(0:28:16.719) .../../12x0icedate_ukkl_all_k1416R1_k1200mp laptop

1x0sds 1696.719s(0:28:16.719) .../../12x0icedate_ukkl_all_k1416R1_k1200mp laptop

1x0sds 1696.719s(0:28:16.719) .../../12x0icedate_ukkl_all_k1416R1_k1200mp laptop

1x0sds 1696.719s(0:28:16.719) .../../12x0icedate_ukkl_all_k1416R1_k1200mp laptop
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           870 #TPO.648 TNO.966 FPO.034 FNO.352 ERO.079 RCO.648 PRO.763 FO.700 n4410 K120 FDSCNs1201s10N70b50al.6Rl
lxossa 1706.942s(0:28156.491) -/.../20xolcedeta_lall_k151Rl_kLw20omp/susanoo
871 #TPO.651 TNO.967 FPO.033 FNO.349 ERO.078 RCO.651 PRO.768 FO.704 n4410 k120 FDSCNs1201s10N70b50al.6Rl
lxOsds 1693.0006(0:28:12.999) ./../12voicedata_ueki_all_k1516Rl_ku20omp laptop***
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             872 #TPO.610 TNO.967 FPO.033 FNO.390 ERO.084 RCO.610 PRO.754 FO.674 h4410 k120 FDSCNs1201510N70b50al.6Rl lxodds 214.4444(0.55144.144) . / . //20x01ceddata_ueki_all_k1517Rl_ku30omp 873 #TPO.695 FPO.031 FNO.367 ERO.799 RCO.633 PRO.73 FO.696 n4410 k120 FDscns1201510N70b50al.6Rl lxodds 2134.1855(0:35:34.184) . / . / 12voicedata_ueki_all_k1518Rl_ku20omp
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    K810R1N50a0.7b20_Ku20 laptop
FN0.219 ER0.049 RC0.781 PR0.862 F0.819 n4410 k46 pplF2x23G3x0.5m0N40b50al.6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                888 #TPO.727 TNO.987 FPO.013 FNO.273 ERO.050 RCO.727 PRO.900 FO.804 m4410 k46 pF1F2x23G3x0.5m0N40b50a0.7 R1Xbodes 833.8228(013.15.3.822) k810R1N50a0.729.050 Ku20 laptop R99 #TPO.773 TNO.994 FPO.016 FNO.227 ERO.046 RCO.773 PRO.899 FO.827 n4410 k46 pP1F2x23G3x0.5m0N60b100al. ORLIXOSGAS 2935.397s(0:48:55.337) k810R1N50a0.720_Ku20 sussanoo
                                                                                                                                                                                                                                                                                                                                          .6R1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2148.451s(0:35:48.450) ../../12voicedata_ueki_a11_k1916R1_Ku20omp *****
#TPO.646 TNO.973 FPO.027 FNO.354 ERO.073 RCO.646 PRO.800 FO.715 n4410 k120 FDsCns1201s10N70b50a1.6R1
                                                                                                                                                  ) ../../12voicedata_ueki_a11_k1915R1_Ku20omp*******
032 FN0.330 ER0.075 RC0.670 PR0.776 F0.719 n4410 k120 FDsCns1201s10N50b50a1.6R1
     F0.735 n4410 k120 FDsCns1201s10N70b50a1.6R1
                                                                                                       F0.736 n4410 k120 FDsCns1201s10N60b50a1.6R1
                                                                                                                                                                                                                                                                                                                                                                                                                                      FDsCns1201s10N70b50a1.6R1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         pP1F2x23G3x0.5m0N40b50a1
                                                                                                                                                                                                                                                                                                                                                                                      7725, 9418 (0:28:45,941) .../../12voicedata_ueki_all_k2ll5R1_Ku20omp
#TP0.673 TNO.973 FP0.027 FNO.327 FNO.66 R0.673 RNO.808 F0.734 h4410 k120
2169.0678 (0:38:09.067) .../12voicedata_ueki_all_k2015R1_Ku20omp
                                                                                                                                                                                                                                                                                                                                          F0.720 n4410 k120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   F0.861 n4410 k166
.030 FNO.314 ERO.070 RCO.686 PRO.793 FO.735 n4410 kl. ......12voicedata_ueki_all_k1915Rl_Ku20omp ****** .029 FNO.317 ERO.070 RCO.683 PRO.799 FO.736 n4410 kl.
                                                                                                                                                                                        848 #TP0.670 TN0.968 FP0.032 FN0.330 ER0.075 RC0.670 PR0.776 F0.719 ILX08ds 1465.7078(0:24:25.706) ../../12voicedata_ueki_all_k1915R1_Ku20omp
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1725.841s(0:28:45.840) ../../12voicedata_ueki_all_k1917R1_Ku20omp
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878 #TP0.0808 TNO.988 FP0.012 FNO.192 ERO.037 RCO.808 PRO.920
6R11x0sds 9267.110s(2:34:27.110) k810R1N50a0.7b20_Ku20
                                                                                                                                                                                                                                                                                                                                          FP0.028 FN0.343 ER0.073 RC0.657 PR0.796
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R11x0sds 1575,7608(0.26:15,760)
882 #TP0.781 TNO.979 FP0.021
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TPO.740 TNO.991 FPO.009
6458.962s(1:47:38.962)
TPO.741 TNO.993 FPO.007
4486.347s(1:14:46.346)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  lx0sds 2169.067s(0:36:09.067)
                FPO.
                                                                                                                                                       lx0sds 1562.129s(0:26:02.128)
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                                                                                                            FPO
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885 #TP0.741 TN0.993
                                                                                                                                                                                                                                                                                                                                          #TP0.657 TN0.972
                                                                                                                                                                                                                                                                                                                                                                                           1725.941s(0:28:45
                                                                                                       IN0.971
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                                                                                                            #TP0.683
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#TP0.611 TN0.967 FP0.033 FN0.389 ER0.083 RC0.611 PR0.758 F0.677 n4410 k120 FDsCns1201s10N80b50a1.6R1

Lx0sds 8034.855s(2:13:54.855) ../../12voicedata_ueki_all_k15120R1_ku20/***+-

#[2b.2]

890

eadmecan2mspeech.txt Jun 19 2021 08:15:37

TNO.963

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FPO.034 FNO.375 ERO.083 RCO.625 PRO.753 FO.683 n4410 k120 FDSCNs1201s10N70b50al.6R1 .493) ../../12voicedata_ueki_all_k1514R1_Ku20 FPO.034 FNO.352 ERO.0752 RCO.646 PRO.763 FO.700 n4410 k120 FDSCNs1201s10N70b50al.6R1 .872) ../../12voicedata_ueki_all_k1515R1_ku20 FPO.033 FNO.349 ERO.078 RCO.651 PRO.768 FO.704 n4410 k120 FDSCNs1201s10N70b50al.6R1 .FPO.033 FNO.349 ERO.078 RCO.651 PRO.768 FO.704 n4410 k120 FDSCNs1201s10N70b50al.6R1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  #TP0.573 TNO.980 FP0.020 FNO.427 ER0.078 RCO.573 FR0.828 FO.677 n4410 k120 FDSCns1201s10N60b50a0.7R1 3458.4088(0:57:38.408) ..././12voicedata_ueki_all_k15120R1_Ku20/ #TP0.579 FNO.979 FP0.021 FNO.421 ER0.078 RCO.579 FNO.818 F0.681 R10 k120 FDSCns1201s10N70b50a0.7R1 44048.685s(1:07:28.684) ..././12voicedata_ueki_all_k15120R1_Ku20/*** #TP0.579 TNO.977 FP0.023 FNO.421 ER0.079 RCO.579 FNO.809 FO.655 n4410 k120 FDSCns1201s10N80b50a0.7R1
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                               FPD.037 FN0.387 FR0.087 FCD.613 PR0.732 FO.667 n4410 k120 FDSCNs1201510N70b50al.6R1
603). ..././20xocedata_veki_all_k1410R1_kux20 lapcop.
FPD.033 FN0.392 FR0.084 RCO.608 PRO.757 FD.674 n4410 k120 FDSCNs1201s10N70b50al.6R1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRO.754 FO.674 n4410 k120 FDsCns1201s10N70b50al.6R1
k1517R1_ku20
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.294) ../../12voicedata_ueki_all_k15120R1_Ku20
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                                                                                                                                              PRO.755 F0.674 n4410 k120 FDsCns1201s10N70b50a1.6R1
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4048.685s(1:07:28.684) ../../12voicedata_ueki_all_k15120R1_ku20/***
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   548) ../../12voicedata_ueki_all_k1518R1_Ku20
FPO.033 FNO.371 ERO.081 RCO.629 PRO.763 FO.689 n4410 k120 FDsCns1201s10N70b50a1.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                         133 FN0.389 ER0.083 RCO.611 PR0.758 F0.677 n4410 k120 .../../12voicedata_ueki_all_k15120R1_Ku20/***
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                                                                                                                                                                                                                                                                    ../../12voicedata_ueki_all_k1416R1_Ku20/ tspomp1
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                                                                                                              857) .././12voicedata_ueki_all_k15120R1_ku20 ***? FP0.033 FN0.392 ER0.084 RC0.608 PR0.755 F0 674 n444
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FP0.031 FN0.367 ER0.079 RC0.633
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8034.855s(2:13:54.855) ../../12voi
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                                                                                                                                                                             7263.458s(2:01:03.457)
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3782.384s(1:03:02.384)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        7331.694s(2:02:11.693)
                                                                                                                     7318.858s(2:01:58.857
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                7380.096s(2:03:00.095)
                                                                                                                                                                                                                                                                                                                                                          7283.494s(2:01:23.
#TP0.648 TN0.966
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7336.309s(2:02:16.
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                                                          7362.603s(2:02:42.
                                                                                          #TP0.608 TN0.967
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                                                                                                                                              #TP0.608 IN0.967
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951 #20210208
953 #7 ストラムが析によるスペクトル包絲の懸は大きさが1以下になるが、
954 #LDC分析によるスペクトル包絲の表は大きさが1より下になるが、
955 #CT63 https://alcoweb01.naist.jp/lecture/2016/sp/material/sp-V2.pdf
955 #ctex 20210208
export di=:/./12voicedata_ueki_all?
957 export di=:/./12voicedata_ueki_all?
959 export di=:/./12voicedata_ueki_all?
959 export di=:/./12voicedata_ueki_all?
960 export R=1 S=mmt L=B D=ichi k=56 k=15 t=0 t=0-1000 #check 20210208 OK with k<=43, NG with k>=44
961 #python lpospectrumenvelope.py -k %k -l 20 -yin %dn/${S}-${D}${L}.dat -nbisp -l
962 #python lpospectrumenvelope.py -k %k -l 20 -yin %dn/${S}-${D}${L}.dat -nbisp -l
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      lope with Hamming-Window
966 python mkM-py-dr &dr -R &R -DISP 01 -ow 01 -dbgi 0 -S $S -L $L -D $D -k $k
967 python mkM-py-dr &dr -R $R -DISP 01 -ow 01 -dbgi 0 -S $S -L $L -D $D -k $k -t 600-760 #'i'-part of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   974 cmt > tmp/tmp.plt <<EOF parametric; set grid
975 set term postsorript eps enhanced color; set output "tmp/tmp.eps";
976 met term postsorript eps enhanced color; set output "tmp/tmp.eps";
977 #plot [0:2*pi][-3:3][-3:3] "$dx/${S}-${D}${L}-R${R}-PC.dat" using 1:2 w p t 6 ps 1.0 lc rgb "black"
, "" using 1:(-\$2) w p pt 6 ps 1.0 lc rgb 'black", cos(t),sin(t) t "1.0" w l ls l w 5 lc rgb "green", 2*cos(t),2*sin(t) t "2.0" w l ls l lw 5 lc rgb "rgd"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                #python lpcspectrumenvelope.py -k $k -1 20 -yin $dn/${S}-${D}${L}$.dat -nDisp 37 -HW 0 #for disp enve
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                968 #python mkM.py -dr $dr -R $R -DISP 01 -ow 01 -dbgi 0 -S $S -L $L -D $D -k $k -t 680-760 #'i'-part of
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"red"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     970 #python mkM.py -dr $dr -R $R -DISP 01 -ow 01 -dbgi 0 -S $S -L $L -D $D -K $k -t 2500- #'chi'-part
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 lope without Hamming-Window 965 #python lpcspectrumenvelope.py -k k-1 20 -yin dn/s\{S\}-s\{D\}s\{L\}.dat -nDisp 37 -HW l #for disp 965 #python lpcspectrumenvelope.py -k k-1 20 -yin dn/s\{S\}-s\{D\}s\{L\}.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   978 #
979 plot [0:2*pil[-3:3][-3:3] "$dx/${$}-${D}${L}-R${R}-PC.dat" using 1:2 w p pt 6 ps 1.0 lc rgb os(7) sin(t) t "1.0" w 1 ls 1 lw 5 lc rgb 'green', 2*cos(t),2*sin(t) t "2.0" w 1 ls 1 lw 5 lc rgb 'green', 2*cos(t),2*sin(t) t "2.0" w 1 ls 1 lw 5 lc rgb 'green', 2*cos(t),2*sin(t) t "2.0" w 1 ls 1 lw 5 lc rgb 'green', 2*cos(t),2*sin(t) t "2.0" w 1 ls 1 lw 5 lc rgb 'green', 2*cos(t),2*sin(t) t "2.0" w 1 ls 1 lw 5 lc rgb 'green', 2*cos(t),2*sin(t) t "2.0" w 1 ls 1 lw 5 lc rgb 'green', 2*cos(t),2*sin(t) t "2.0" w 1 ls 1 lw 5 lc rgb 'green', 2*cos(t),2*sin(t) t "2.0" w 1 ls 1 lw 5 lc rgb 'green', 2*cos(t),2*sin(t) t "2.0" w 1 ls 1 lw 5 lc rgb 'green', 2*cos(t),2*sin(t) t "2.0" w 1 ls 1 lw 5 lc rgb 'green', 2*cos(t),2*sin(t) t "2.0" w 1 ls 1 lw 5 lc rgb 'green', 2*cos(t),2*sin(t) t "2.0" w 1 ls 1 lw 5 lc rgb 'green', 2*cos(t),2*sin(t) t "2.0" w 1 ls 1 lw 5 lc rgb 'green', 2*cos(t),2*sin(t) t "2.0" w 1 ls 1 lw 5 lc rgb 'green', 2*cos(t),2*sin(t) t "2.0" w 1 ls 1 lw 5 lc rgb 'green', 2*cos(t),2*sin(t) t "2.0" w 1 ls 1 lw 5 lc rgb 'green', 2*cos(t),2*sin(t) t "2.0" w 1 ls 1 lw 5 lc rgb 'green', 2*cos(t),2*sin(t) t "2.0" w 1 ls 1 lw 5 lc rgb 'green', 2*cos(t),2*sin(t) t "2.0" w 1 ls 1 lw 5 lc rgb 'green', 2*cos(t),2*sin(t) t "2.0" w 1 ls 1 lw 5 lc rgb 'green', 2*cos(t),2*sin(t) t "2.0" w 1 ls 1 lw 5 lc rgb 'green', 2*cos(t),2*sin(t) t "2.0" w 1 ls 1 lw 5 lc rgb 'green', 2*cos(t),2*sin(t) t "2.0" w 1 ls 1 lw 5 lc rgb 'green', 2*cos(t),2*sin(t) t "2.0" w 1 ls 1 lw 5 lc rgb 'green', 2*cos(t),2*sin(t) t "2.0" w 1 ls 1 lw 5 lc rgb 'green', 2*cos(t),2*sin(t) t "2.0" w 1 ls 1 lw 5 lc rgb 'green', 2*cos(t),2*sin(t) t "2.0" w 1 ls 1 lw 5 lc rgb 'green', 2*cos(t),2*sin(t) t "2.0" w 1 ls 1 lw 5 lc rgb 'green', 2*cos(t),2*sin(t) t "2.0" w 1 ls 1 lw 5 lc rgb 'green', 2*cos(t) t "2.0" w 1 ls 1 lw 5 lc rgb 'green', 2*cos(t) t "2.0" w 1 ls 1 lw 5 lc rgb 'green', 2*cos(t) t "2.0" w 1 ls 1 lw 5 lc rgb 'green', 2*cos(t) t "2.0" w 1 ls 1 lw 5 lc rgb 'green', 2*cos(t) t "2.0" w 1 ls 1 lw 5 lc rgb 'green', 2*cos(t) t "2.0" w 1 ls 1 lw 5 lc 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      plot "../../12voicedata_ueki_all_k8/mmt-ichi8-Rl-PC.dat" using 0:(sqrt($1**2+$2**2)) w l
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 #plot [0:2*pi] "$dx/${S}-${D}${L}-R${R}-PC.dat" using 1:2 w p pt 6 ps 1.0 lc rgb
1.0" w l ls l lw 5 lc rgb "green", 2*cos(t),2*sin(t) t "2.0" w l ls l lw 5 lc rgb
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    python M2PC.py -dr $dr -R $R -ow 1 -DISP 10 -dbgi 0 -S $S -L $L -D $D -k $k
7R11x0sds 5414.366s(1:30:14.366) k810R1N50a0.7b20_Ku20+k15120R1_Ku20/FDsCns1201s10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         #print 74/1024.,0.072265625 #see tmp/lpcenv.txt
#print 4000/74/1024.89.0625 #laz see tmp/lpcenv.txt
#print 1./289.0655. 0.00345945945946 #sec
#print 0.00345945945946/1/1000345945946 #sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              #print 1/18.944,0.0527871621621622 #msec
#10.17*pi:2*pi] 0.17*pi.--> print 0.17*4000,680.0 #Hz
#print 1./680, 0.00147058823529412 #sec
#print 1/(0.17*4000)/(1.8000.), 11.7647058823529 #ste
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           print (513-440)/8000.,0.009125 #sec
print 8000./(513-440), 109.58904109589 #110Hz
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               set parametric;set grid;set size square;
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readmecan2mspeech.txt Jun 19 2021 08:15:37

1035 [Cf3] https://ahoveebol.naist.jp/lecture/2016/sp/material/sp-v2.pdf
1036 ケイストラム分析とLDC分析によるスペクトル包絡
1037 トーム・コース・フェース・ファールをあるプログラム
1038 [0.12] LDCスペクトレロ機を求めるプログラム
1038 [0.12] LDCスペクトレロ機を求めるプログラム
1039 まパップレーム長1 20[ms], 平均パワーのしきい値mp_th 0.4 (これ以上のパワーをもつフレームだけ係数を 求める) 表示フレーム番号 -nDisp 5
1040 python lpcspectrumenvelope.py -yin .././12voicedata_ueki_all_n/mym-kul0.dat -k 32 -l 20 -mp_th 0.0
-fout tmp/LDC.dat -nDisp 5) "black","" using 1:(-\$2) w p pt 6 ps 1.0 lc rgb "black", cos(t),sin(t) t "1.0" w l ls l lw 5 lc r r 2*cos(t),2*sin(t) t "2.0" w l ls l lw 5 lc rgb "red" 1015 set grid;set size square;set parametric;plot [0:2*pi] "../../l2voicedata_ueki_all_k8/mmt-ichi8-Rl-PC .dat" using 1:2 w p pt 6 ps 1.0 lc rgb "black", cos(t),sin(t) t "1.0" w l ls l lw 5 lc rgb "green", 2*cos(t),2*sin(t) t "2.0" w l ls l lw 5 lc rgb "red" [Cf2] https://patents.google.com/patent/JP4971351B2/ja 1つの代表的なフレーム長は、8 k H z の代表的なサンプリングレートでの 1 6 0 のサンプルに対応する 2 0 ミ [0.3] mkw20201214.py: すべての音声に対し、混合比kで音声を合成し、(1)を使ってLpCスペクトルを求めるプロ https://nitech.repo.nii.ac.jp/?action=repository_action_common_download&item_id=1724&item_no=1&att 0.0 -nDis O(0) - (2)#python mkM20201214.py -dr \$dr -R \$R -DISP 0 -ow 00 -K \$K -1 \$1 -mp_th 0.0 -nDisp 5 -dbgi 1 ###echo c|python mkM20201214.py -dr \$dr -R \$R -DISP 0 -ow 00 -K \$K -1 \$1 -mp_th 0.0 -nDisp 5 -dbgi nDisp #at can2m+/can2c #In -s /media/sf_D_DRIVE/data/12voicedata -/sotu/2012/12voicedata_ueki #shigeta only #In -s /media/sf_D_DRIVE/cdata/kurolab/data/12voicedata -/sotu/2012/12voicedata_ueki #kurogi only フレーム番号 ####rm -f nohup.out;nohup python mkM_lpc.py -dr \$dr -R \$R -DISP 0 -ow 1 -k 32 -1 20 -mp_th 698=700-2個 ####python mkM_lpc.py -dr \$dr -R \$R -DISP 0 -ow 00 -k \$k -l \$1 -mp_th 0.0 -nDisp 5 -dbgi ###.../../12voicedata_ueki_all_Ck60120/fhs-zerol-R1-C.dat created --> まず、分析次数k=32, フレーム長1=20ms を使って実験し,よりよい結果がでるkと1を後で探索 python mkM py -dr \$r -R \$r -DISP 0 -ow 00 -k \$k -1 \$1 -mp_th 0.0 -nDisp 5 -dbgi 1 #continue #comment out this line if you do not want to see and manipulate the picture gnuplot plot "tmp.dat" using 0:1 w l, "" using 0:10 w l, "" using 0:20 w l, "" using 0:29 29 957 14696 ../../12voicedata_ueki_all_k8/fhs-gol-R1-W.dat ・LPC係数の確認: 行と列を入れ替えて、各列が各LPC係数になるようにして、各列をプロ・ transpose.sh ../../12voicedata_ueki_all_k8/fhs-gol-R1-M.dat > tmp.dat export R=1 #R=1:0.8:0.6:0.4:0.2 export R=1 #R=1:0.8:0.6:0.4:0.2 export R=1 #R=1:0.8:0.6:0.4:0.2 export L=1:0.8:0.6:0.9:0.1 mp_th=0.0 mp_th=0.0 np_th=0.0 mp_th=0.0 mp # 698 6282 64494 #ファイルの個数確認 全部揃えば #1列目に各音声で抽出された係数の個数 မွ #read signal -yin and write tmp/LPC.dat ./12voicedata_ueki_all; dl=~/sotu/2020/12voicedata_ueki_all; R=1 #R=1:0.8:0.6:0.4:0.2 1012 plot [0:2*pi][-3:3][-3:3] ls -1 \$dr/*-M.dat | wc # 11 wc # #1. 1030 1つの代表的なフレーム 勢であるが、(160/8000Hz=20ms 957 [0.3.1] 実行コマンド #[1.0.1] リンク作成 ################## [0.3.2] 結果確認 1031 https://nitecribute_id=12&file_no=1 export dl=.. #[1.0] 0 -dbgi $\begin{array}{c} 10041 \\ 0042 \\ 0042 \\ 0044 \\ 0044 \\ 0045 \\ 0045 \\ 0045 \\ 0045 \\ 0046 \\ 0046 \\ 0047 \\ 0$ 1057 1062 1062 1063 1065 1066 1066 1070 1071 1072 1075 1075 1076 1077 1077 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1059 1060

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                                                                                                                                                                                                                                                                                     for s in fins fms muck much much mym; do for d in zero ichi ni san si go roku nana hachi kyu rei yon sichi ku; do for 1 8 19 10 7 8 9 10. No 1 2 3 4 5 7 8 9 10. No 2 2 Mana a 2 2 Mana a 2 Mana
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LPC係数M(1>0)またはpLPC係数M(1=0)を求める
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            L:1:2:3:4:5:6:7:8:9
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export R=1 #Fa-10.0 50.6:0.4:0.2

export R=32 1=20 mp_th=0 nbisp=5 #LPC(大数k フレーム長1[ms], 平均パワーmp_th, フ l

export k=32 1=30 mp_th=0 nbisp=5 #LPC(大数k フレーム長1[ms], 平均パワーmp_th, フ l

export k=50 1=20 mp_th=0 nbisp=5 #LPC(大数k フレーム長1[ms], 平均パワーmp_th, フ l

export k=50 1=20 mp_th=0 nbisp=5 #LPC(大数k フレーム長1[ms], 平均パワーmp_th, フ l

export k=60 1=20 mp_th=0 nbisp=5 #LPC(大数k フレーム長1[ms], 平均パワーmp_th, フ l

export k=80 1=20 mp_th=0 nbisp=5 #LPC(大数k フレーム長1[ms], 平均パワーmp_th, フ l

export k=80 1=20 mp_th=0 nbisp=5 #LPC(大数k フレーム長1[ms], 平均パワーmp_th, フ l

export k=10 1=20 mp_th=0 nbisp=5 #LPC(大数k フレーム長1[ms], 平均パワーmp_th, フ l
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              データは処理しないで、環境データは処理しないで、環境
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ###platform=SY for Shigeta and Yamochi, K for Komatsu !!!!!!!!!!!!!!!!!
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       #folder for saving mixed speech
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ubuntu14.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          dl=../../12voicedata_ueki_all; mkdir -p $dl
dn=${dl}_n; mkdir -p $dn #save normalized speech signal
dm=${dl}_m; mkdir -p $dm #folder for saving mi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          if ["${platform:0:1}" = "S" ];then
## [1.1a] 矢持さん、重田君は次を実行する(Yamochi,Shigeta)
## mmt-san2とfhs-hachi5が不足したまま、L=1:2:3:4:5:6:7:8:9:10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1142 ##[1.1b] 小松君は, 次を実行する(Komatsu)
| 1143 ## mmt-san2をmmt-san10, fhs-hachi5をfhs-hachi10で置き換えて、
のデータで実験する。
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         export platform=K #platform=K for Komatsu
export platform=Sy #platform=Sy for Shigeta and Yamochi
export platform=Sul4 #platform=SY for Shigeta and ul4 for
export platform=Sul2 #platform=SY for Shigeta and ul20 for
export platform=Kul4 # ul4 for ubuntul4.04 20210419
export platform=Kul4 # ul4 for ubuntul20.04 20210419
                                                                                                                                                                                      speech signal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  #export platform=Ku20- # u20 for ubuntu20.04 20210420
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              m.m.v.r
export OnlyEnvSet=1 #これを1にして以下を実行すると、
export OnlyEnvSet=0 #これを1にして以下を実行すると、
                                                                                                                                                           dl=../../12voicedata_ueki_all; mkdir -p $dl
dn=${dl}_n; mkdir -p $dn #save normalized sp
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     else #if [ "${platform:0:1}" = "K" ];then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        export d0=~/sotu/2012/12voicedata_ueki/
export d1=../../12voicedata_ueki_al1; m
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     export S=fhs:fms:mkk:mko:mmt:mnh:mym
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ######################################
                                                                                                                                  d0=~/sotu/2012/12voicedata_ueki/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      #copy&paste from here for step1
                                                                                                                                                                                                                                                                                                                                                                                                                           echo $cmd; $cmd >> $log
/{q0}} * {\d} \ \ \d
                                                                                                                                                                                                                                          #echo "ymin=$ymin" > $log
                                                                                                                                                                                                                  log=$dn/normalize.log
                                                                            #[1.0.2]パワー正規化
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ###From here
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    export dm=$
                                                                                                                                                                                                                                                                                                                                                                                                                                                      done
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方が間違わない
1139 ###
1140 else #if
                                                                                                                                                                                                                                                                  ymin=0
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1161 export k=10 1=0 N=24 a=0.7 b=20 s=1 #1=0 for CAN2, 1>0 for conventional LPC #pL.PC次数=CAN2の入力ペクルの次数 ルの次数

readmecan2mspeech.txt

mp_th=0 nDisp=5 #LPC次数k フレーム長1[ms], 平均パワーmp_th, フレーム番号 nDisp N=24 a=0.7 b=20 s=1 #1=0 for CAN2, 1>0 for conventional LPC #pLPC次数=CAN2の入力ペク 1164 export k=8 1=0 N=30 a=0.7 b=20 s=1 #1=0 for CAN2, 1>0 for conventional LPC #pLPC次数 =CAN2の入力ペク 1.00 次数 #BlapsedTime 34993.603s(9:43:13.602) 1165 export k=8 1=0 N=30 a=1.0 b=20 s=1 #1=0 for CAN2, 1>0 for conventional LPC #pLPC次数=CAN2の入力ペクトルの次数 # CAN export nfn='ls \${dr}\'*-M.dat>tmp.txt 2>/dev/null;cat tmp.txt|wc -1';echo "#Number of files:\$dr/*-M.d -rsa \${rsa} -DIS -mp_th filGĽ CAN2 export nfn='1s $\{dx\}/*-M.dat>tmp.txt 2>/dev/null:cat tmp.txt/wc -1':echo "#Number of <math>dx/*-M.dat$ fill export nfn='1s dx/*-M.dat374.870s(0:06:14.869) #../../12voicedata_ueki_all_k15120R1_Ku20/ laptop 409.380s(0:06:49.880) #../../12voicedata_ueki_all_k15120R1_ku20/ susanoo 623.149s(0:10:33.149) #.././12voicedata_ueki_all_k15120R1_8u14 31479.09ls(8:44:39.090) #../../12voicedata_ueki_all_k1810R1N24a0.7b20_SY/wym-kyul0-Rl-M. =CAN2の入力ベク 1>0 for conventional LPC #pLPC次数=CAN2の入力ベク 1>0 for conventional LPC #pLPC次数=CAN2の入力ベク in mkM. #wc ../../12voicedata_ueki_all_k8l0R1_SY/fhs-go1-R1-M.dat \$dx/fhs-go1-R1-M.dat #ElapsedTime 372.084s(0:06:12.084) #../../12voicedata_ueki_all_k15120R1_Ku20-/mym-kyu9-R1-M.dat #export dr=\${d1}_k\${k}1\${1}R\${R}_\${platform}; mkdir -p \$dr #1>0 for LPC, 1=0 for CANZ(pLPC) #old #export dr=\${d1}_k\${k}1\${1}R\${R}N\${N}a\${a}b\${b}_{c}. #new \$dr/*-M.dat -k 15 -1 20 #ElapsedTime 33033.020s(9:10:33.019) #../../12voicedata_ueki_all_k810R1N30a1.0b20_SY t1=400 CAN2 (pLPC) export k=15 1=20 mp_th=0 nDisp=5 #LPC外数k フレーム長1[ms], 平均パワーmp_th, フレーム海号 -1 \$1 -mp_th 0.0 -nDisp 5 -k \$k -dbqi 1 #../../12voicedata_ueki_all_k810R1N50a0.7b20_Ku20 conventional LPC #pLPC次数: 1>0 for conventional LPC #pLPC次数: l=0 N=60 a=0.7 b=20 s=1 #1=0 for CAN2, l>0 for conventional LPC #pLPC次数: σĘ -p \$dr #1>0 for LPC, 1=0 for CAN #1>0 for LPC, 1=0 for CAN2(pLPC) \${N} for #python lpcspectrumenvelope.py -yin ../'../12voicedata_ueki_all_m/fhs-zerol-Rl.dat
...'../2voicedata_ueki_all_kl510Rls_Ext/ffs-zerol-rl-N'dat -nnisp -1
echo "#Exec \$cmd' vidate=nohup.out.fecho "\$cmd'>>nohup.out.fenohup \$cmdk nfn=1s $(dx)^{-m}.dat>tmp.txt 2>/dev/null; cat tmp.txt | wc -1', echo "#Number | mp.txt | wc -1', echo | mp.txt | wc -1', echo | mp.txt | mp.txt | wc -1', echo | mp.txt |$ #1>0 N_ 10 #1>0 for LPC, 1=0 $\text{mexport dr=}\{\{d1\}_k \{k\} N \{k\} \} \text{ mkdir -p } dr \text{ } 1>0 \text{ for LPC, } 1=0 \text{ for CAN2}(pLPC) \}$ rsa=2:\${a}:\${a}:\${b}:\${b}:\$db #a:bagratio, s:seed, b:number of bags if [\$1 -eq 0]; then #cNat export dr=8(d1).k\$kh1.\$f1.Bf8{R}N\${N}a\${a}b\${b}.\${platform}; mkdir -p \$dr -k \$k #echo c|python mkM_lpc.py -dr \$dr -R \$R -DISP 0 -ow 00 -k \$k #echo c|python mkM2020124--py -dr \$dr -r R R -DISP 0 -ow 00 -#ElagsedTime about 567.7678(0:09:27.766) for lpc ##########hoheck files created fi #for if ["\$OnlyEnvSet" != 1]:then ####### Do Execute echo "#Number of files \$nfn==\$nf is sufficient. Omit making 1166 export k=8 l=0 N=24 a=0.7 b=20 s=1 #1=0 for CAN2, l>0 for $h \; h \; O \; {\cal N} \; {\cal N} \; {\cal N} \;$ else #LPC export d=5{d1}_k\${k}1\${1}R\${R}_\${platform}; mkdir . #export d=5{d1}_k\${k}1\${1}p\${mp_th}; mkdir -p \$dr "\$OnlyEnvSet" != 1];then ######## Do Execute l=0 N=40 a=0.7 b=20 s=1 #l=0 for CAN2, 1=0 N=30 a=0.7 b=20 s=1 #1=0 for CAN2, 1=0 N=50 a=0.7 b=20 s=1 #1=0 for CAN2, 31969.678s(8:52:49.677) created files 1173 export k=8 1=0 N=5トルの次数 susanoo u14 *** susanoo u14 *** #######check 1 = 201=0 #Elapsedrime 3
#Elapsedrime 4
#Elapsedrime 6
#Elapsedrime 3 1168 export k=8 i N D 放数 Lart-############ 1163 export k=15トルの次数 1162 export k=56 1167 export k=8 トルの次数 lant---at is nfn=\$nfn" 1189 ##### ###### 0.0 -fout 1196 ech 1172 exp トルの次数 1215 eated 1216 1217 1218 1176 1186 1188 1198 1201

```
1x0sds 8346.611s(2:19:06.611)k56120R1_SY
1327 #TPO.904 TNO.986 FPO.014 FNO.096 ERO.026 RCO.904 PRO.914 FO.909 n4886 k200 FDsCns2001s10N40b50al.6R1
1x0sds 11913.626s(3:18:33.625)k56120R1_SY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   #copy&paste from here for step2a.1
export fn=${dr}/*-PC.dat;nfn='ls ${fn}>tmp.txt 2>/dev/null;cat tmp.txt|wc -l';echo "#nfn=$nfn
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              #[2a.1] M2PC.py(Mを部分分数C_i/(1-P_i z^(-1))に展開)で*-PC.datというP-C係数ファイルを作り,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ##copy&paste to here for
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1274 #cmd="python oobdspeakerdigit+RX_20210910.py -sp $S -tx $D -L $L -dr $dr -R $R^{-1} -R $R^{
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       export nfn='ls ${dr}/*-*-R${R}-FD${FD}ns${ns}1s${1s}.dat>tmp.txt 2>/dev/null;cat tmp.txt|wc -1';echo
=r of files $dr/*-*-R${R}-FD${FD}ns${ns}1s${1s}.dat is nfn=$nfn=?$nf"
######Exec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ... # wieck python M2s.py -dr ../../12voicedata_ueki_all_k15120R1_Ku20 -R 1 -ow 1 -DISP 00 -dbgi 1 -ns 12 0 -ls 10 -FD sC -rap 0 -fnerr '' -S mnh -D si -L 5 1249 edv "Executing $cmd0" 1249 edv "Executing $cmd0"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1255 fi #for if [ "$OnlyEnvSet" != 1 ];then ####### Do Execute
1253 export fine 1s {dx} /*-*-sk {P-PS{FD}|s5{1s}}.ad:-buse tx 2>/dev/null;cat tmp.txt |wc -1';echo #Number of files $dx/*-*-R${R}-PD${PD}|s5{1s}].ad: is nfn=?$nfn=?$nf.
1254 export files $dx/*-*-R${R}-PD${FD}|s5{1s}].ad: is nfn=?$nfn=?$nf.
1254 export fine 1s {{dx}/*-R${R}-PD${FD}|s5{1s}].ad: is nfn=?$nfn=?$nf.
1254 export fine 1s {{dx}/*-R${R}-PD${FD}|s5{1s}].ad: lab.tmp.txt 2>/dev/null;cat tmp.txt |wc -1';echo -
                                                                                                                                                                                                 cmd0="python M2s.py -dr $dr -R $R -ow 1 -DISP 00 -dbgi 1 -ns $ns -ls $ls -FD $FD -rap 0 -fnerr $fner
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       -mbas $mbas -N ${N}
                                                          t1=10000 in
                                                    1222 #ElapsedTime 34423.572s(9:33:43.571) #p../../12voicedata_ueki_al1_k810R1N30a1.0b20_SY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             #[2b.2] oob4speakerdigit+RX_20210426.pyで話者照合(sd=s)または単語照合(sd=d)を行う
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 #cmd="python oob4speakerdigit+RX_20210426.py -sp $5 -tx $D -l. $L -dr $dr -R $R -m

**X {six} + pr ${PD} : ns $ns -ls $1s -mel $ns ** nnz -finerr $finerr + Pt qi** $cm -ns + mel nnz ** nnz -finerr $finerr + Pt qi** $cm + mel nnz ** nnz -finerr $finerr + Pt qi** $cm + mel nnz ** nnz -finerr $finerr + Pt qi** $cm + mel nnz ** nnz + mel n
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             if ["sonlyBnvSet" i= 1 ];then ######## Do Execute if ["sonlyBnvSet" i= 1 ];then ####### Do Execute if ["shn" =q" shf" i]; then # if [" i — sfn i]; then # \gamma \neq N h^i \hat{x}_i J^i h^i f^i \hat{x}_j echo "#Number of files shn=-shf is sufficient. Omit making spectrum files."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   if [ "$OnlyEnvSet" != 1 ];then ####### Do Execute
export AF=...\...\...\.lxvoicedate_ueki_all_kBl0RINS0a0.7b20_Ku20/pp1F2x23G3x0.5m0
export AF=...\.#export AF=q
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ##export LANG=C:export d=\`date\`
#notify-send -t 10000 -i dialog-information -u critical 'Finish'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       #rm -f nohup.out;nohup sh cmd.sh&
fi #for if [ "$OnlyEnvSet" != 1 ];then ####### Do Execute
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      export mel=0 #1 for use mel frequency
export nl2=norm #normalize by norm, max, 1
######Exec
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   export sX=-1;a=1.6;b=100;N=40; #
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  export sX=-1;a=1.6;b=50;N=40; #
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           export mbas=2:${b}:${a}:1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                        peakerdigit+RX_20210426.py
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readmecan2mspeech.txt Jun 19 2021 08:15:37

step2b.1-2

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1309 #TPO.907 TNO.985 FPO.015 FNO.093 ERO.026 RCO.907 PRO.912 FO.909 H4886 K100 FDSChs1001s10N40b50al.GR1
1X684 4555 £282 [1:25.55.862] X****

1310 #TPO.914 TNO.966 FPO.014 FRO.086 ERO.025 RCO.914 PRO.914 FO.914 H4886 K110 FDSChs1101s10N40b50al.GR1
1X05d5 4864 1298(1:21:104.128) K15120R1_SY*****

1311 #TPO.915 TNO.966 FPO.014 FNO.086 ERO.024 RCO.915 PRO.917 FO.916 H4886 K120 FDSChs1201s10N40b50al.GR1
1X05d5 5574.9668 [1:32:54.967) K15120R1_SY*****

1312 #TPO.911 TNO.966 FPO.014 FNO.089 ERO.025 RCO.911 PRO.915 FO.913 H4886 K130 FDSChs1301s10N40b50al.GR1
1313 #TPO.911 TNO.966 FPO.014 FNO.089 ERO.025 RCO.911 PRO.915 FO.911 H4886 K120 FDSCHS1301s10N40b50al.GR1
1314 #TPO.910 TNO.985 FPO.015 FNO.090 ERO.025 RCO.910 PRO.912 FO.911 H4886 K120 FDSCHS1201s10N40b50al.GR1
1X05d5 7148 0775(1:59:08.077) K15120R1_SY****
                                                                                                                0sds 3616.8978(1:00:16.895))k16120R1_SY
1305 #TP0:093 TNO:0958 FPO.1015 FNO:097 ERO.027 RCO.903 PRO.910 F0.906 H4886 k90 FDsCns901s10N40b50al.6R1lx
0sds 3644.875s(1:00:24.875)k17120R1_SY
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1322 #TP0.915 TNO.986 FP0.014 FNO.085 ER0.024 RC0.915 PR0.917 F0.916 n4886 k120 FDSCHSIIOISION40b50al.6R1  
1323 #TP0.996 TNO.986 FP0.014 FNO.092 ER0.025 RC0.908 PR0.914 F0.911 n4886 k130 FDSCHSI2OISION40b50al.6R1  
1323 #TP0.908 TNO.986 FP0.014 FNO.092 ER0.025 RC0.908 PR0.915 F0.912 n4886 k140 FDSCHSI3OISION40b50al.6R1  
1324 #TP0.908 TNO.986 FP0.014 FNO.092 ER0.025 RC0.908 PR0.915 F0.912 n4886 k140 FDSCHSI4OISION40b50al.6R1  
1xScs 6775 040s(1:52:55.039)k56120RL_SY  
1325 #TP0.908 TNO.986 FP0.014 FNO.092 ER0.024 RC0.915 PR0.917 F0.916 n4886 k150 FDSCHSI5OISION40b50al.6R1  
1xScs 6775 040s(1:52:55.039)k56120RL_SY  
1326 #TP0.998 FP0.015 FNO.092 ER0.026 RC0.908 PR0.917 F0.916 n4886 k150 FDSCHSI5OISION40b50al.6R1  
1xScs 6775 040s(1:52:55.039)k56120RL_SY  
1326 #TP0.998 FP0.015 FNO.092 ER0.026 RC0.908 PR0.912 F0.910 n4886 k160 FDSCHSI5OISION40b50al.6R1  
1xScs 6775 040s(1:52:55.039)k56120RL_SY  
1326 #TP0.998 FP0.015 FNO.092 ER0.026 RC0.908 PR0.912 F0.910 n4886 k160 FDSCHSI5OISION40b50al.6R1  
1xScs 6775 040s(1:52:55.039)k56120RL_SY  
1326 #TP0.998 FP0.015 FNO.092 ER0.026 RC0.908 PR0.912 F0.910 n4886 k160 FDSCHSI5OISION40b50al.6R1
                                                                9426 8388(1:30:36.837).././IJvoicedata_ueki_all_ki5120R1_Ku20 susanoo***!!
#Prop 345 FW 0.0987 FW 0.013 FW 0.044 ER0.034 FW 0.0916 FW 0.917 H4410 kl20 FDsCns1201s10N40b50al.6R1
5321.2128(1:38:41.211)..././I2voicedata_ueki_all_ki5120R1_Ku20 1 aptop
#Prop 887 FW 0.008 FW 0.004 FW 0.017 ER0 0.02 FW 0.008 FW 0.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1306 #TPD.903 TN0.985 FPD.015 FN0.097 ER0.027 RC0.903 PR0.909 F0.906 n4886 k90 FDsCns901s10N40b50al.6Rllx
0sds 3609.647s(1:00:09.646)k18120Rl_SY
1307 #TPD.904 TN0.985 FPD.015 FN0.096 ER0.027 RC0.904 PR0.909 F0.907 n4886 k90 FDsCns901s10N40b50al.6Rllx
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#TP0.904 TN0.984 FP0.016 FN0.096 ER0.027 RC0.904 PR0.907 F0.905 n4886 k90 FDsCns901s10N40b50a1.6R11x
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TM0.987 FP0.013 FM0.084 ER0.024 RC0.916 PR0.919 F0.917 n4410 k120 FDsCns1201s10N40b50al.6R1
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0sds 4024.419s(1:07:04.419)k56120R1_SY
1320 #TP0.907 TN0.986 FP0.014 FN0.09
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##export S=fms D=roku L=2; cmdPC="python M2PC.py -dr $dr -R $R -ow 1 -DISP 0 -S $S -D $D -L $L" ##R7 近がた10のとき、誘数がも9となることがあったのでM2PC.macを修正、PC2xPy.pyも修正 ##R7 近く2-10のとも、動数がも9となることがあったのでM2PC.macを修正、PC2xPy.pyも修正 #manの0に(1 (1=402,1=8) があった。
#manの0に(1 (1=402,1=8) があった。
##.//./12voicedata_ueki_all_K1010/mko-roku3-R1-PC.dat:0.6243918693768808 -0.8230316591435269 0.-nan
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1362 export fn=${dr}\'*-R${R}*-PC.dat;nfn='ls ${fn}>\tmp.txt 2>\dev/null;cat tmp.txt|wc -l':echo "#nfn=$nfn
-2$nf $dr\'*-PC.dat files exist"
1363 ###
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for k=8 N=24 #ElapsedTime 23275.55:25.2513.77 for k=8 N=24 #ElapsedTime 23277.355(6:27:87.324) for .././12voicedata_ueki_all_k810R1N30a1.0b20_SY #ElapsedTime 22902.855s(6:21:42.855) for .././12voicedata_ueki_all_k810R1N30a1.0b20_SY t=1000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ##echo 'fnB:"../../12voicedata_ueki_a11_k1010/mko-roku3-R1";batchload("M2PC.mac");'|maxima
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         fi #for if [ "$0nlyEnvSet" != 1 ];then ######## De Execute
#############hoker unber of files created
export fn=$\dx\frac{dx\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac{1}{4x}\frac
                                                                                                               exist
                                                                                                                                                                                                                                                                                                                                                                              if [ "SonlyBrwSet" != 1 ]:then ############ Do Execute
if [ "Snfm" -1t "Snf" ]; then # if [ ! = $fn ]; then # ファイルがなければ作る
emdPc="python M2PC.py -4r Sdr - Rs - ow 1 - D1SP 0 - L SL -fnerr $fnerr"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                export nx=16 nx=4 na=26 #nx=((nx*na)*2)**(0.5);print 'nx=',int(nx+0.5)nx=10 export nx=14 nx=2 na=23 #nx=((nx*na)*2)**(0.5);print "nx=',int(nx+0.5)nx=10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaussian Kernel
                                                                                        #export fn=${dr}/*-R${R}*-PC.dat; nfn='ls $fn|wc -l';echo "#nfn=$nfn files
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  echo "#number of *-PC files $nfn==$nf is sufficient. Omit making PC fules.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   date > nohup.out;echo $cmdPC>>nohup.out;nohup $cmdPC &
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            #date > nohup.out;nohup python M2PC.py -dr $dr -R $R
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1412 export $X = 1/a = 1.0 = 0.7 D = 10.0 N = 40; # 1

1413 export $X = -1/a = 1.0 = 0.7 D = 10.0 N = 40; # 1

1414 export $X = -1/a = 1.0 = 0.7 D = 10.0 N = 40; # 1

1414 export $X = -1/a = 1.0 = 0.7 D = 10.0 N = 50; # 1

1416 export $X = -1/a = 1.0 = 0.7 D = 10.0 N = 50; # 1

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1418 export $X = 1.0 = 1.0 D = 10.0 N = 50; # 1

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1431 #cmd="python oob4speakerdigit+RX_20210426.py -sp $S -tx $D -L $L -dr $dr -R $R -RX $RX -mbas $mbas - $sd -N ${N} -sX ${SY -hc $nr -na $na -nG $nG -sG $sG -mel $mel -nlz $nlz -lx $lx -ow $
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1432 #cmd="python oob4speakerdigit+RX_20200910.py -sp $S -tx $D -L $L -dr $dr -R $R -RX $RX -mbas $mbas - 1 $sd -N ${N} -sx ${8X} -re $${8X} -nr $nr -na $na -ng $nG -sG $sG -mel $mel -nlz $nlz -lx $lx -ow $
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1453 .../../12volcedata_ueki_all_XXXX (e.g. ../../12volcedata_ueki_all_k810R1N50a0.7b20_Ku20/result-R1ppl
F9x2303x0.5m00740b50a1.6R1.dat)
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export sX=-1;a=0.7;b=20;N=40; #

export sX=-1;a=1.6;b=100;N=50; #

export sX=-1;a=1.6;b=50;N=50; #best

export sX=-1;a=1.6;b=50;N=70; #best
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1470 #1PD0.449 TNO.945 FP00.055 FNO.551 ER0.126 RCO.449 PRO.576 FO.505 n4410 k46 ppcF2x23G3x0.5m0N40b50al.6 R11x0cds1 457.7 #TPD0.449 TNO.941 FP00.059 FNO.543 ER0.128 RCO.457 PRO.562 FO.504 n4410 k46 pplF2x23G3x0.5m0N40b50al.6 R11x0cds1 4443.003s(0.24:11.437) k15120R1_kul4 laptop
R11x0cds1 4443.003s(0.24:0.24) PRO.59 FNO.59 RRO.771 FRO.871 FO.823 n4410 k46 pplF2x23G3x0.5m0N40b50al.6 R11x0cds1 4443.003s(0.24:25.855) k810R1N50a0.7D20_kul4 laptop PRO.771 FRO.871 FO.823 n4410 k46 pplF2x23G3x0.5m0N40b50al.6 R11x0cds1 1456.5855(0.24:25.855) k810R1N50a0.7D20_kul4 laptop PRO.871 FO.818 n4886 k46 pplF2x23G3x0.5m0N40b50al.6 I1X0cds1 EC27.245c(0.22:27:07.244) k810R1N50a1.050 SCO.501 H laptop xx
R11x0cds1 EC27.245c(0.227:07.244) k810R1N50a1.050.501 L RD0.050 SCO.7789 PRO.876 FO.830 n4886 k46 pplF2x23G3x0.5m0N40b50al.6 R11x0cds1 EC27.245c(0.227:07.242) RNO.211 ER0.046 RCO.789 PRO.876 FO.830 n4886 k46 pplF2x23G3x0.5m0N40b50al.6 R11x0cds1 E592.973s(0.26:32:07) k810R1N50a0.7540 PRO.876 PRO.8
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                                                                                                          s 1526.307s(0:25:26.306) k8lORIN50a0.7b20_Ku20 susanoo
#TPO.668 TNO.971 FPO.029 FNO.332 ERO.073 RCO.668 PRO.791 FO.725 n4410 k46 pPCF2x23G3x0.5m0N40b50al.6
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1492 python oob&speakerdigt.tRX.2010436.py -sp fhs:fms:mkk:mko:mmt:mnh:mym -tx zero:ichi:ni:san:si:go:ro ku:nana:hachi:kyu -1 1:23:34:55:67:8:9 -dr ../../12voicedata_ueki_all_kl5120Rl_ku20 -R 1 -mbas 2:100:11.6:1 -N 40 -sd s -sx -1 -FD sC -ns 120 -1s 10 -mel 0 -nlz norm -fnerr '' -fn4AF ../../12voicedata_ueki_all_k810RlN 50a0.7b20_ku20/pP1F2x23G3x0.5m0train_xy.dat
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217 ER0.052 RC0.783 PR0.844 F0.812 n4410 k46 pP1F2x23G3x0.5m0N40b50a1.6
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#TP0.783 IN0.976
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1514 ../../12voicedata_ueki_all_k15120Rl_SY/result-RipplF2x23G3x0.5m0N40b50al.6Rl.dat 1515 #TPO.646 TNO.970 FPO.030 FNO.354 ERO.076 RCO.646 PRO.784 FO.709 n4886 k46 pPIP2x23G3x0.5m0N40b50al.6

#Do "cat ../../12voicedata_ueki_al1_k810R1_SY/result-R1pp1F2x23G3x0.5m0N40b50a1.6R1.dat" to see the

.m.R.RX.mbas.N 1529 0.511 0.970 0.030 0.489 0.095 = 46 524 16 44 60 # 630 mmt 0.8 0 2:100:1.6:1 40 #TP,TN,FP,FN,ER=...#n 0.500 0.954 0.046 0.500 0.111 = 45 515 25 45 70 # 630 mko 0.8 0 2:100:1.6:1 40 #TP,TN,FP,FN,ER=...#n 0.389 0.959 0.041 0.611 0.122 = 35 518 22 55 77 # 630 mnh 0.8 0 2:100:1.6:1 40 #TP,TN,FP,FN,ER=...#n 0.378 0.946 0.054 0.622 0.135 = 34 511 29 56 85 # 630 mym 0.8 0 2:100:1.6:1 40 #TP,TN,FP,FN,ER=...#n for CAN2 #TPO.619 TNO.969 FPO.031 FNO.381 ERO.081 RCO.619 PRO.769 FO.686 n4886 k46 pP1F2x23G3x0.5m0N40b50a1.6 #old?#TP0.834 TN0.990 FP0.010 FN0.166 ER0.026 RC0.834 PR0.904 F0.867 n6980 k104 pP1F4x26G3x0.5m0N40b pP1F2x23G3x0.5m0N40b100a1. #TP0.462 TN0.965 FP0.035 FN0.538 ER0.107 RC0.462 PR0.688 F0.553 n4410 k46 pP1F2x23G3x0.5m0N40b100al. FNO.362 ERO.071 RCO.638 PRO.829 FO.721 n4886 k104 pP1F4x26G3x0.5m0N40b50al. m,R,RX,mbas,N 15.26 0.032 0.059 0.103 = 37 528 12 53 65 # 630 fms 0.8 0 2:100:1.6:1 40 #TP,TN,FP,FN,ER=.. ,m,R,XX,mbas,N 15.27 0.589 0.965 0.035 0.411 0.089 = 53 521 19 37 56 # 630 mkk 0.8 0 2:100:1.6:1 40 #TP,TN,FP,FN,ER=.. #old?#speaker identification (sd=s) via [2a] with CAN2 pole distribution and spectral envelope 1=0 if ["\$onlyEnvSet" != 1];then ######## Do Execute
yybron opp5:2py -dx * 5dx - S \$5 - S D - L \$1 - Fext Sext -Fext2 \$Fext2 -fnerr \$fnerr -nlz \$nlz
fi #for if ["\$onlyEnvSet" != 1];then ######## Do Execute LPC, for の形式のファイルにコピ n6980 k90 R11x08ds 2118.327s(0:35:18.327) 1524 #TP0.462 x7n0.965 FP0.035 FN0.538 ERC.107 RCO.462 PRO.688 FO.553 n4410 k46 pplF 6RO.81x08ds 4477.3808(1:13:57.380) ###platform K (Komatsu) 混合比 ReO.8 1525 0.456 0.983 0.017 0.544 0.092 = 41 531 9 49 58 # 630 fbs 0.8 0 2:100:1.6:1 40 \$dr 6Rllx0sdd 5695.346s(1:34:55.346) cat ../../l2voicedata_ueki_all_k8l0sd=d
1550 #o.143#rp0.709 TW0.974 FP0.036 FN0.291 ER0.053 RC0.709 PR0.751 F0.730
6Rllx0sdd 5660.896s(1:34:20.895) cat ../../l2voicedata_ueki_all_k8l0sd=d
1551 #export dr=-/sotu/2020/12voicedata_ueki_all_k810R\${R}\%\$na\$ab\$b_K export dr=\${dl}_K\${K}1\${1}R\${R}\%\${N}a\${a}b\${b}. Experiments for speaker retrieval for Komatsu (小松君)export Fext=pP1F2x23G3x0.5m0 Fext2=p nlz=1 #nlz=norm,max,or \$dr/[s]-[d][l]-[Fext].dat & \$\frac{2}{3}\dr/[Fext]/[s]-[d][l]-p.dat ###platform K (Komatsu) 混合比 R=1 と0.8 export R=1 #0.8 1517 #TPO.619 TNO.969 FPO.031 FNU.381 PRIXOSds 1574.7528(0:26:14.752)k1510R1_SY #[3.1] 特徴ベクトルファイル 1532 #TPO.462 TNO.965 FPO.035 FN 6RO.81x0sds 4437.380s(1:13:57.380) TNO.978 FP0.022 5186.063s(1:26:26.063) #old?#pole distribution R11x0sds 1686.607s(0:28:06.607) #old?## platform SY export R=1 #0.8 TUXE######## m,R,RX,mbas,N 1531 0.378 0. ###### m, R, RX, mbas, N 1528 0.500 0 m,R,RX,mbas,N 1530 0.389 0 ,m,R,RX,mbas,N 6R11x0sds 1536 1555 1556 1557 1558 1559 1560 1561 1564 1565 1566 1566 1566 1567 1537 1533

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0.783 0.984 0.016
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1574 #13.2| [3.1]$\psic 4 \( \text{#} \cdot 2 \) \( \text{*} \cdot 4 \) \( \text{*} \cdo 4 \) \( \text{*} \cdo 4 \) \( \
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1612 ###oob4speakerdigit+sX_20201204komatsu_can2m sp:fhs:fms:mkk:mko:mmt:mpm tx:zero:ichi:ni:san:si:g
o:roku:nana.hachi:kyu nL:9 k:46 mbas:2:50:1.6:1 dir:/home/kuro/sotu/2020/12voicedata_ueki_all_k810R0.8_K/pP1
F2x23G3x0.5m0 s:-1 N:40 sX:-1 IDR:_K
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1624 ## oob4speakerdigit+eX_20201204komatsu (in ~/sotu/2020/can2b/) with nL=9 a=1.6 b=50 N=40 1625 0.781 0.977 0.023 0.219 0.0508 0.781 0.851 0.815 4410 ##### Mean TP TN FP FN ERR RC PR F n R1 sX-1#c an2b(~/sotu/2020/can2b/) 1656 0.444 0.955 0.117 0.444 0.629 0.521 4410 ##### Mean TP TN FP FN ERR RC PR F n R0.8 sX-1 #can2b(~/sotu/2020/can2b/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ## oob4speakerdigit+RX_20200910.py (±0/2a.3];(in ~/sotu/2020/can2m/tsp/))
TP0.775 TN0.978 FP0.022 FN0.225 ER0.051 RC0.775 PR0.855 F0.813 n4410 k46 pP1F2x23G3x0.5m0N40b50al.6R
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   アルゴリズムが
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FN0.538 ER0.107 RC0.462
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1628 TPO.775 TWO.978 FPO.022 FP
11x0sda 2118.327s(0:35:18.327)
1629 FPO.462 TWO.965 FPO.035 FP
RO.81x0sda 4437.380s(1:13:57.380)
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eadmecan2mspeech.txt Jun 19 2021 08:15:37

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1702 0.952 0.976 0.024 0.048 8.0988-05 0.976 0.952 0.976 0.959 P. PN.FR.R.R.C, PR.F. n. sm0
1703 0.937 0.983 0.017 0.063 9.1488-05 0.982 0.937 0.959 882 1 #TP.TN.FP.FN.ERR.R.C, PR.F. n. sm1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    #can
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1669 #cmd='cat {}'.format(fnrX)+'|awk \'BEGIN{n=0;TD=TN=FD=FN=ERR=0}{n++'TP+=$1;TN+=$2;FP+=$4;ERR+=$4;ERR+=$5]END{printf("%.3f %.3f %.3f %.3f %.3f %.3f %.3f %.4 #mean TP TN FP FN ERR n'+' k{}sd{} {} {}\n"'.format(k,FDextr,args.sd,etime)+',TP/n,TN/n,FN/n,FN/n,ERR/n,n)}\'.'+ '>>{}'.format(fnrX)
                                PR F n R1 sX
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1670 ## oob4speakerdigit+RX_20200910.py (LO[2a.3];(in ~/sotu/2020/can2m/tsp/))
1671 #TPD-462 TNO.965 FPO.035 FNO.538 ERO.107 RCO.462 PRO.688 FO.553 n4410 k46 pplF2x23G3x0.5m0N40b100al.6RO.8Lx0sds 4437.380s(1:13:57.380)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  #0,00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PR F n R1
 ERR RC
                              0.815 0.985 0.015 0.185 0.0432 0.815 0.917 0.863 3240 #### Mean TPR TNR FPR FNR ERR RC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PR
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 FNR
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                wc ../../../2012/12voicedata/allpole/oob4s:-1N40mbas2:50:1.6:1sX-1_K.y cat ../../../2012/12voicedata/allpole/oob4s:-1N40mbas2:50:1.6:1sX-1_K.ystat|awk
 FPR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  EN
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 TINE
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4410 #### Mean TP IN FE
 TPR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1668 ## oobstpeakerdigit+sX_20201204komatsu (in ~/sotu/2020/can2b/) 269 #0.444 0.957 0.043 0.556 0.001 0.911 0.444 0.597 4410 ##### Mean TP 2b/~/sotu/2020/can2b/) 1670 ## oobstpeakerdirit-rev
0.217 0.0491 0.783 0.910 0.842 3240 #### Mean
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ~/sotu/2020/can2b/readme.can2bonsei
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6.398(1:01:34.638) .././12voicedata_ueki_all_cry80120p0
1743 #TP0.728 TR0.982 FPO.018 FN0.272 ER0.054 RC0.728 PRO.873 F0.794 k90 FDsCns901s10N40b50al.6R1lx0 3718
594s(1:01:58.594) .././12voicedata_ueki all LPCk60120m4^
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         python mkM_lpc.py -dr $dr -R $R -DISP 0 -ow 1 -k 32 -l 30 -mp_th 0.0 -nDisp 5 -dbgi 2
#TPO.689 TNO.976 FPO.024 FNO.311 ERO.065 RCO.689 PRO.828 FO.752 k90 FDschs901s10N40b50a1.6R1lx0 3660
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1753 python oobdspeakerdigit+RX_20200910 py -sp fhs:fms:mkk:mko:mmt:mmh:mym -tx zero:ichi:ni:san:si:go:ro kimana:hadahi:kyu - 1.12:3 415:67718:310 -dr .../../12voicedata_ueki_all_k8 -R 1 -RX 0 -mbas 2:50:11.6:1 -s - 1 -N 40 -sd s -k1 k50120 -FD sc -ns 90 -ls 10 -mel 0 -nlz norm
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         .235s(0:51:47.234)
1759 #TPO.701 TNO.977 FPO.023 FNO.299 ERO.063 RCO.701 PRO.833 FO.761 k100 FDschs1001s10N40b50a1.6Rllx0 44
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               .625s(1:08:57.624)
1762 #TP0.702 TNO.971 FP0.029 FNO.298 ER0.067 RC0.702 PR0.803 F0.749 k90 FDscns901s10N30b50al.6R11x0 3214
1783 (0:53:34.672)
1763
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1745
1746 python mkM_lpc.py -dr $dr -R $R -DISP 0 -ow 1 -k 40 -1 20 -mp_th 0.0 -nDisp 5 -dbgi 2
1747 #TPD.722 TN0.979 FPD.021 FN0.278 ERO.058 RCO.722 PRO.850 F0.781 k90 FDsChs901s10N40b50a1.6R11x0 3694
296s(1:01:34.295)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 #TP0.699 TN0.976 FP0.024 FN0.301 ER0.063 RC0.699 PR0.830 F0.759 k90 FDsCns901s10N50b50a1.6R11x0 4137
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       #TP0.736 TN0.984 FP0.016 FN0.264 ER0.052 RC0.736 PR0.883 F0.803 k90 FDSCNs901s10N40b50a1.6R11x0 3693
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        #TP0.722 TW0.977 FP0.023 FW0.278 ER0.060 RC0.722 PR0.837 F0.775 k90 FDsChs901s10N40b50al.6R11x0 3672
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   #TP0.709 TN0.976 FP0.024 FN0.291 ER0.062 RC0.709 PR0.831 F0.765 k90 FDsCns901s10N40b50a1.6K11x0 3651
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        #TP0.768 TN0.974 FP0.026 FN0.232 ER0.056 RC0.768 PR0.830 F0.798 k100 FDSChs1001s10N40b50a1.6R11x0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         #TP0.703 TN0.975 FP0.025 FN0.297 ER0.064 RC0.703 PR0.825 F0.759 k120 FDsCns1201s10N40b50a1.6R11x0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     874s(1:01:33.873) ././12voicedata_ueki_all_LPCK70120p0
1742 #TP0.726 TN0.985 FP0.015 FN0.274 ER0.052 RC0.726 FR0.889 F0.800 k90 FDsCns901s10N40b50al.6R1lx0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1748 python mkW_lpc.py -dr $dr -R $R -DISP 0 -ow 1 -k 20 -1 20 -mp_th 0.0 -nDisp 5 -dbgi 2
1749 #TP0.678 TM0.967 FP0.033 FN0.322 ER0.074 RC0.678 PR0.774 F0.723 k90 FDsCns901s10N40b50a1.6R1lx0
420s(1:00:37.420) k20120mp_th0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FDSCns901s10N40b50a1.6R11x0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FDSCns901s10N40b50a1.6R11x0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     893s(1:00:51.893) k32120mp_th0
1758 #TPO.706 TNO.975 FPO.025 FNO.294 ERO.063 RCO.706 PRO.826 FO.761 k80 FDsCns80ls10N40b50a1.
0.968 0.971 0.029 0.032 6.899e-05 0.971 0.968 0.970 882 2 #TP, TN, FP, FN, ERR, RC, PR, F. n, sm2 0.976 0.963 0.037 0.024 6.899e-05 0.963 0.976 0.970 882 3 #TP, TN, FP, FN, ERR, RC, FR, F. n, sm3 0.929 0.929 889 0.976 0.024 0.111 1.530e-04 0.974 0.889 0.976 0.874 0.711 1.335e-04 0.973 0.929 0.940 882 4 #TP, TN, FP, FN, ERR, RC, FR, F. n, sm4 0.229 0.954 0.046 0.711 1.335e-04 0.953 0.929 0.940 882 5 #TP, TN, FP, FN, ERR, RC, PR, F. n, sm5 0.873 0.968 0.032 0.127 1.800e-04 0.965 0.873 0.917 882 6 #TP, TN, FP, FN, ERR, RC, PR, F. n, sm6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           304s(1:34:41.303) cat ../../12voicedata.ueki.all_LFCK80120p0
1/37 #TP0.504 TNO.975 FP0.025 FNO.496 ERO.072 RCO.504 PR0.693 F0.584 k90
572s(1:24:17.572) cat .././12voicedata_ueki_all_EPCK70120p0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  01:58.594) ../../12voicedata_ueki_all_IPCK60150040
# #T00.512 TNO.955 FP0.045 FNO.4481 FNO.107 RC0.519 PR0.658 F0.580 k90
:56.38.064) cat ../../12voicedata_ueki_all_IPCR60120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ../../12voicedata_ueki_all_k8N24/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1750 python mkW, lpc.py -dr $d
1751 #TPO.689 TNO.976 FPO.024
214s(1:01:00.214) k32130mp_th0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1.661s(1:15:11.661)cat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               064s(0:56:38.064) cat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      59.871s(1:14:19.871)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               52.545s(1:32:32.545)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1742 #TPO.726 TR
639s(1:01:34.638)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   884s(1:01:12.884)
```

#elapsed time:3651.893s(1:00:51.893)@2020-12-12 00:19:15.671440 for m6:mym 0.727 0.977 0.023 0.273 0.059 = 72 585 14 27 41 # 698 fbs 1 0 2:50:1.6:1 40 #TP,TN,FP,FN,ER=...#n,m,

readmecan2mspeech.txt

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```
0.760 0.985 0.015 0.240 0.047 = 76 589 9 24 33 # 698 fms 1 0 2:50:1.6:1 40 #TP, TN, FP, FN, ER=...#n, m, R
                                                                                                                                                                                                                                                                                                                                                                                                                                    for CAN2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ë
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      "#nfn=$nfn
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              $me1
                                                                                                                                     . #n,m,
                                                                                                                                                                                                        #TP0.709 TN0.976 FP0.024 FN0.291 ER0.062 RC0.709 PR0.831 F0.765 k90 FDsCns901s10N40b50a1.6R11x0 3651
                                .. #n,m,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (nr)*(na)-polar image
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            #nfn='ls ${dr}\'*-R${R}-FD${FD}ns${ns}1s${1s}.dat|wc -1';echo -n "#$nfn spectrum files"
export fn=${dr}\'*-R${R}-FD${FD}ns${ns}1s${1s}.dat;export nfn='ls $fn|wc -1';echo "#nfn=$nfn files
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     -RX $RX -mbas $mbas
                                                                                                                                                                     0.640 0.983 0.017 0.360 0.066 = 64 588 10 36 46 # 698 mym 1 0 2:50:1.6:1 40 #TP,TN,FP,FN,ER=.
                              1767 0.860 0.970 0.030 0.140 0.046 = 86 580 18 14 32 # 698 mkk 1 0 2:50:1.6:1 40 #TP,TN,FP,FN,ER=
                                                                                                   0.667 0.972 0.028 0.333 0.072 = 66 582 17 33 50 # 698 mmt 1 0 2:50:1.6:1 40 #TP,TN,FP,FN,ER=
                                                                                                                                     0.320 0.080 = 68 574 24 32 56 # 698 mnh 1 0 2:50:1.6:1 40 #TP,TN,FP,FN,ER=
                                                                                                                                                                                                                                                                                                                                                                                                                                  1=0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Şsg
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      -1',echo
                                                                0.630 0.985 0.015 0.370 0.066 = 63 589 9 37 46 # 698 mko 1 0 2:50:1.6:1 40 #TP, TN,FP,FN
                                                                                                                                                                                                                                                                                                                                                                                                                                    for LPC,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   $fn wc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              -sG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              $nG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Ν
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   nfn='ls
                                                                                                                                                                                                                                                                                                                                                                                                                                    #1>0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            $nr -na $na -nG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sfn
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     $dr -R $R
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    image , and nr and na for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                nx=10 nr=4 na=26 #nx=((nr*na)*2)**(0.5);print 'nx=', int(nx+0.5)nx= 10 nx=10 nx=2 na=23 #nx=(inr*na)*2)**(0.5);print 'nx=',int(nx+0.5)nx= 10 nc=3 nc=0.5 #nc=0 daussian Kernel, s0:signa of daussian Kernel
                                                                                                                                                                                                                                                                             を保
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       if [ "snfn" -eq 698 ]; then # if [ ! -e Sfn ]; then #ファイルがなければ作る
#if [ ! -e Sfn ]; then #xpファイルがなければ作る[1-2-2.)
emdo="python PCZ2kyryy -dr Sdr -rs R -rmax 2 -ow 1 -nx Snx -nx Snx -na Sna
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      $dr
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             -f nchup.out;
:-0) 上記パラメタを持つxPyファイルの存在を調べ、なければ作る←(1-3-2)
                                                                                                                                                                                                                                                                             Ġ
                                                                                                                                                                                                                                                                                                                                                                                                                                    q
                                                                                                                                                                                                                                                                             č
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  -dr
                                                                                                                                                                                                                                                                                                                                                                                                                                  mkdir
                                                                                                                                                                                                                                                        0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   -r $r
                                                                                                                                                                                                                                                                                                                                               1 -DISP
                                                                                                                                                                                                                                                                                                                                                                                                #export dr=5{d1} k8; #mkdir - p $6q #pole new #export dr=5{d1} k8{h}1${l}18r{k}18r{k}18s{k}18s{k}25 {platform}; export dr=5{d1} k8{k}1${l}18r{k}18r{k}18s{k}18s{k}25 {platform};
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       \label{eq:continuity} $$\inf_{x\in\mathbb{R}^{k-s}(R)}F\xi_nx}g_n^s(ng)x_n^s(g_n^s).$$
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ŞD
                                                                                                                                                                                                                                                                                                                                                 MO-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   $S -tx
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             export D=zero:ichi:ni:san:si:go:roku:nana:hachi:kyu
export S=fhs:fms:mkk:mko:mmt:mnh:mym
export R=0.8; RX=0 #R=1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       check
                                                                                                                                                                                                                                                                                                                                               ŞR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    set Feature size nx for (nx)*(nx/2)-recutangular
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 chapter sx=-1;a=1.6;b=10;N=40;# for short time chapter sx=-1;a=1.6;b=40;N=40;# for short time chapter sx=-1;a=1.6;b=40;N=40;# sp???
cxport sx=-1;a=1.6;b=40;N=40;# sp???
cxport sx=-1;a=1.6;b=40;N=40;#?
export sx=-1;a=1.6;b=10;N=50;#?
cxport sx=-1;a=1.6;b=10;N=50;#?
cxport sx=-1;a=1.6;b=10;N=30;#
cxport sx=-1;a=1.6;b=10;N=30;#
cxport sx=-1;a=1.6;b=10;N=30;#
cxport sx=-1;a=1.6;b=10;N=30;#
cxport sx=-1;a=1.6;b=10;N=40;#
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             #(2-1) 学習と話者識別実行(時間がかかる)
cmd="python oob4speakerdigit+RX_20191113.py -sp
                                                                                                                                                                                                                                                                                                                                               $dr -R
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       rPcb
rPcb
rPcb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       export FD=rPl #pPl #pPl pPc pPcb rPl rPc export FD=pPl #pPl #pPl pPc pPcb rPl rPc export FD=pPc #pPl #pPl pPc pPcb rPl rPc
                                                                                                                                                                                                                                                                                                                                               rm -f nohup.out;nohup python M2PC.py -dr
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      export nx=10 nr=2 na=23 #nx=((nr
export nG=3 sG=0.5 #nG: size of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ${cmd0} > nohup.out
                                                                                                                                   0.680 0.960 0.040
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1x=0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              mel=0
                                                                                                                                                                                                                                                                                                                                                                                export dl=.
                                                                                                                                                                                                                          893s(1:00:51.893)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   nlz=norm
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              #(2-0)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      export
                                                                                                                                                   R,RX,mbas,N
1771 0.640
                                                R,RX,mbas,N
                                                                                                                     R, RX, mbas, N
                                                                                                                                                                                          R, RX, mbas, N
                                                                                    , RX, mbas, N
                , KX, mbas, N
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ist"

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```

```
grep "time\|start" nohup.out
tail -15 nohup.out
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ###spectrum envelope? #see #20200211
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            rm -f nohup.out;nohup sh cmd.sh&
                          nohup.out
                                                                                              1842.005s(0:30:42.004) 0:30:42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1264.300s(0:21:04.300)0:21:04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1150.206s(0:19:10.206)0:19:10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          #final used 20iconip
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        #make all-clean; make
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   #(2-2)実行状況確認
#(2-3)最終結果確認
                          grep "time\|start"
    #(2-2)実行状況確認
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          14623.871s(4:03:43.871)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                8152.494s(2:15:52.494)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     #!/bin/bash -x
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        export dr=../
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    cat >cmd.sh
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              export sd=d
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              export sd=s
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1933 #b=100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            -8 -1 -: 1964 1965 1966 1966 1967 1968 1970 2 1971 2 1972 # 1972 # 1972 # 1973 # 1973 # 1973 #
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1934
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1932
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1935
                                                                                                   1903 #python oob4speakerdigit+RX_20200910.py -sp fhs:fms:mkk:mko:mmt:mnh:mym -tx zero:ichi:ni:san:si:go:r oku:nana:hachi:kyu -L1.12:3:415:6:778:9:10 -dr .....12voicedata_ucki_all_k8 -R 1 -RX 0 -mbas 2:100:1.6:1 -s d d -N 40 -sx -l -FD ppl -nx 16 -nr=4 -na=24 -nG 3 -sG 0.5 -mel 0 -nlz norm -lx 0 1904 echo "#Execute ${cmd}\" | 1904 echo "#Execute ${cmd}\" | 1905 nohup ${cmd}\" | 2005 nohup ${cmd
    -nx $nx -nr=$nr -na=$na -nG $nG -sG $sG -mel $mel -nlz $nlz -lx $lx"
-1 -N ${N} -sX ${sX} -FD ${FD}
1833 echo "#Execute ${cmd}"
1834 nohup ${cmd}&
```

readmecan2mspeech.txt Jun 19 2021 08:15:37

```
1915 #TPO.825 TWO.990 FPO.010 FWO.175 ERO.027 RCO.825 PRO.899 FO.860 kl08 pplF4x27G3xO.5m0N40b50al.6R1lxO

1945.910e( 373.215.910) 0.337.25

1916 #TPO.840 TWO.991 FPO.009 FWO.160 ERO.024 RCO.840 PRO.909 FO.873 kl00 pplF4x25G3xO.5m0N40b50al.6R1lxO

1140.6578(0:28:00.665) 0:29:00

1917 #TPO.811 TWO.990 FPO.010 FWO.169 ERO.026 RCO.831 PRO.902 FO.865 kl12 pplF4x28G3xO.5m0N40b50al.6R1lxO

2048.3866 (0:34:08.935) 0:34:08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1919 #TPO.842 TNO.988 FPO.012 FNO.158 ERO.026 RCO.842 PRO.890 FO.865 K48 pPIF2x24G3xO.5m0N40b50al.6RllxO 66.3948(0.1101.394) 0:1110.347) 0:1110.347 0:1110.347 0:1110.347 0:1110.347 0:1110.3375.4388(0:56:15.438) 0:56:15
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1923 #TPO.784 TNO.964 FPO.016 FNO.216 ERC.044 RCO.784 PRO.894 FO.835 K104 pPlF4x26G3x0.5m0N4Ob5Oal.6R1lx0
1302.863s(0:21:42.863)0:21:42
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                                                                                                                                                                                          #TPO.841 TNO.991 FPO.009 FNO.159 ERO.024 RCO.841 PRO.909 FO.874 k104 pP1F4x26G3x0.5m0N40b50a1.6R11x0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1924 #TPO.779 TNO.983 FPO.017 FNO.221 ERO.046 RCO.779 PRO.882 FO.827 K52 pPIF2x26G3xO.5m0N40b50al.6R1lx0
508.256s(0:08:288.525)
1925
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; cmd="python oob4speakerdigit+RX_20200910.py -sp $S -tx $D -L $L -dr $dr -R 1 -RX 0 -mbas 2:50:1.6:1 -N 40 -sd $sd -FD $FD -ns $ns -ls $ls -mel 0 -nlz norm"; #rm -f nohup.out.nohup ${cmd}$x
                                                                                                                                                                                                                                                                                                                                                  1913 #TPO.835 TWO.989 FPD.011 FNO.165 ERO.027 RCO.835 PRO.890 FO.862 K52 pP1F2x26G3x0.5m0N40b50al.6R1lx0 738.505s(0:12:18.505) 0:12:18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1918 #TPO.840 TNO.990 FPO.010 FNO.160 ERO.025 RCO.840 PRO.903 FO.870 k96 pPLF4x24G3x0.5m0N40b50al.6R1lx0 L638.738s(0:27:18.738) 0:29:32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    #TP0.782 TN0.983 FP0.017 FN0.218 ER0.046 RC0.782 PR0.882 F0.829 k96 pp1F4x24G3x0.5m0N40b50al.6R11x0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       #b=50 #elapsed time:8152.494s(2:15:52.494)@2020-09-11 11:48:34.854241 for m9:kyu #tP0.840 TN0.990 FP0.010 FN0.160 ER0.279 RC0.840 PR0.903 F0.870 k96 pPlF4x24G3x0.5m0N40b50al.6R1lx0
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n))|
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log|sum_m 1/(1-Pm exp(-jw n))| compare
log|sum_m 1/(1-Pm exp(-jw n))| compare
log|sum_m 1/(1-Pm exp(-jw n))|
original spectrum
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fn=\$\{dr\}/mym-zero9-R1*pD\$\{FD\}ns\$\{ns\}1s\$\{1s\}.dat

\#.../.12vo.cdata_ueki_all_k8/fins-san6-R1-Fpsns901s10.dat created

if [ !-e $fn ]; then \#7 \neq 7 \neq 0.04 \#7 \approx 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               #export LANG=C:export d=\'date\'
notify-send -t 10000 -i dialog-information -u critical 'Finish'
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export Lells 13.415:667:819:10

export FD=s ns=100 ls=10 #ls[0]=1 for log after sum export FD=s ns=100 ls=10 #ls[0]=1 for log after sum export FD=s ns=100 ls=10 #ls[0]=1 for log after sum export FD=s ns=100 ls=10 #ls[0]=1 for log after sum export FD=s ns=90 ls=10 #ls[0]=1 for log after sum export FD=s ns=90 ls=10 #ls[0]=1 for log after sum export FD=s ns=100 ls=10 #ls[0]=1 for log after sum export FD=s ns=100 ls=10 #ls[0]=1 for log after sum export FD=s ns=100 ls=10 #ls[0]=1 for log after sum export FD=s ns=100 ls=10 #ls[0]=1 for log after sum export FD=s ns=100 ls=10 #ls[0]=1 for log after sum
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###result ../tspomp sd=d digit(word) verification
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ./12voicedata_ueki_all_k8
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Jun 19 2021 08:15:37

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En='pP1-
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2069 set
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2074
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2077
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Ytlq=[0, (rr)/2..nx]
Ytlq=[0, (rr)/2..nx]
Ytlq=[0, irr/2, irr, irr*3/2, 2*nr-1]
Ytlq=[0, irr/2, irr, irr*3/2, 2*nr-1]
Ytlpq=[0, irr/2, irr, irr*3/2, 2*nr-1]
Ytlbq=['{:.1g}'.format(rmax/2.),'{:.1g}'.format(rmax/2.),'{:.1g}'.format(rmax/2.),'{:.1g}'.format(rmax/2.),'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                #sd=d FD=S pole spectrum
#TP0.828 IN0.989 FP0.011 FN0.172 ER0.028 RC0.828 PR0.889 F0.858 k100 FDSns1001s10N40b50a1.6R11x0 170
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    export S=mmt D=ichi L=2 #for aihc export S=mmt D=ichi L=8 #for aihc export S=mmt D=ichi L=8 #for aihc export URA=0 #1 for use real axis, 0 for negrect real axis PC2xPy.py, comd="python PC2xPy.py -dr &for -R &R -rmax 2 -ow 1 -nx $nx -nx $nr -na $na -nG $nG -sG $sG -mel $mel 1 -S $S -D $D -L $L -dbgi $dbgi";echo $cmd
#sd=s FD=s original spectrum b=100
#TPO.692 TNO.971 FPO.029 FNO.308 ERO.069 RCO.692 PRO.797 FO.741 k90 FDsns901s10N40b100a1.6R11x0 1766
                                                                                                                                                                                                                    #TPO.676 TNO.963 FPO.037 FNO.324 ERO.078 RCO.676 PRO.755 FO.714 K100 FDSns1001s10N40b50al.6R11x0 123
                                                                                                                                                                                                                                                                                  #TP0.650 TN0.961 FP0.039 FN0.350 ER0.083 RC0.650 PR0.737 F0.691 k80 FDsns801s10N40b50a1.6R11x0 876.1
                                                                                                                                                                                                                                                                                                                                             #TPO.668 TNO.967 FPO.033 FNO.332 ERO.076 RCO.668 PRO.772 FO.716 K110 FDSnS1101S10N40b50a1.6R11x0 137
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       #TP0.715 TN0.974 FP0.026 FN0.285 ER0.052 RC0.715 PR0.752 F0.733 K100 FDsns1001s10N40b50a1.6R11x0 170
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         #TP0.769 TN0.977 FP0.023 FN0.231 ER0.053 RC0.769 PR0.848 F0.807 k100 FDSns1001s10N40b50al.6R11x0 119
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  #TP0.754 TN0.978 FP0.022 FN0.246 ER0.054 RC0.754 PR0.853 F0.800 kll0 FDSnsl101sl0N40b50al.6Rllx0 137
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    7.486s(0:30:47.485)
1.215s(0:30:21.214)
1.998 #TP0.799 TNO.982 FP0.018 FNO.201 ER0.036 RC0.799 PR0.835 F0.817 k90 FDSns901s10N40b50a1.6R11x0 1477.
                                                                                                                        #sd=s FD=s original spectrum
#TPO.679 TNO.964 FPO.036 FNO.321 ERO.076 RCO.679 PRO.761 FO.718 k90 FDsns901s10N40b50a1.6R11x0 1017.
                                                                                                                                                                                                                                                                                                                                                                                                                                                #sd=d FD=s original spectrum
#TPO.722 TNO.975 FPO.025 FNO.278 ERO.050 RCO.722 PRO.761 FO.741 k90 FDsns901s10N4Ob50a1.6R11x0 1523.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              #TP0.699 TN0.976 FP0.024 FN0.301 ER0.052 RC0.699 PR0.762 F0.729 K110 FDsns1101s10N40b50a1.6R11x0 199
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          #TPO.819 TNO.985 FPO.015 FNO.181 ERO.031 RCO.819 PRO.861 FO.840 k105 FDSns1051s10N40b50al.6R11x0 184
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             #TP0.695 TN0.973 FP0.027 FN0.305 ER0.055 RC0.695 PR0.739 F0.716 k80 FDSns801s10N40b50a1.6R11x0 1260
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    #TP0.768 TN0.976 FP0.024 FN0.232 ER0.054 RC0.768 PR0.843 F0.804 k90 FDSns90ls10N40b50al.6R1lx0 1021
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            #TPO.821 TNO.987 FPO.013 FNO.179 ERO.030 RCO.821 PRO.876 FO.848 k95 FDSns951s10N40b50a1.6R11x0 1585
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             export nx=16 nx=4 na=24 \max = (nx^na)*2)**(0.5);print 'nx=',int(nx+0.5)nx= 10 export nG=3 sG=0.5 \#nG: size of Gaussian Kernel, sG:sigma of Gaussian Kernel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   projection and projection of the projection of t
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              fig=plt.figure(figsize=(5,5),dpi=300)
gs=gridspec.GridSpec(1,1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            dl=.././l2voicedata_ueki_all;
dr=${dl}_k8; #mkdir -p $dr #
df=${dl}_f
R=1 #R=1:0.8:0.6:0.4:0.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             for iconip2020
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#連想行列1つ毎にストッ
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Xtg=[0,na/2,na-1]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Xtq.append(na-1)
                                                                                                                                                                               4495(0:16:57.449)
1979 #TPO.676 TNO.
6.5895(0:20:36:588)
1980 #TPO.650 TNO.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 9.331s(0.28:29.330)
1986 #TP0.699 TNO.
1.089s(0:33:11.088)
1987 #TP0.695 TNO.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1990 #TPO.769 TNO
7.556s(0:19:57.556)
1991 #TPO.768 TNO
                                                                                                                                                                                                                                                                                                                                         1981 #TPO.668 TMC
1.620s(0:22:51.620)
1982
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   9.070s(0:22:59.069)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           9.691s(0:28:29.690)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                #sd=s FD=S
                                                                 539s(0:29:26.639)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          209s(0:25:23.208)?
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 283s(0:17:01.282)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 345s(0:21:00.344)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             425s(0:26:25.424)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    323s(0:24:37.822)
                                                                                                                                                                                                                                                                                                                   68s(0:14:36.168)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      $cmq
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                                                                                                                                                                                                                                                                                                                                                                                                                                                1983
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1993
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fig.add_subplot(gs[0,0],xticks=Xtq,xticklabels=Xtlq,yticks=Ytq,yticklabels=Ytlq)

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cat > tmp.plt <<EOF set ytics (-2,-1,0,1,2); set grid; set size square; set parametric; set poi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      set terminal tgif; set output "\$\{\text{fnb}\}.\text{obj}"; set pointsize 0.5; x1=0.1; x2=0.6; y1=0.1; y2=0.4; y3=0.7; dd=0.1; dd=0.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               myshell('gv {}ic.format(fn))
pptint '#qcmax={} dlamax={}'-format(qcDisp.max(),qlDisp.max())
#qcmax={} qlamax={} dlamax={}.80209740024 qlmax=138.297056041
plt.imshow(qcDisp/mx.cmap=cmap,interpolation='none');
plt.colorbar(fraction=0.05,pad=0.04);
plt.clim(0,1)
                                                                                                                                                                                                                                                                                                                                                                 plt.imshow(qlDisp/mx,cmap=cmap,interpolation='none');
plt.colorbar(fraction=0.05,pad=0.04);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          #plt.title('pPcG=P.c*G (/{:.2g})'.format(mx));
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   En='pPc-{}-{}-{}-{}.eps'.format(s,d,1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            }-{}-{}-{}.eps'.format(s,d,1)
                                                                                                                                                                                                                                             myshell('gv {}&'.format(fn))
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            fnb=$dr/poles-${S}-${D}-${L}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          "Arial,50"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  gnuplot tmp.plt
tgif ${fnb}.obj&
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                                                                                                                                                                                                                                                                                                                       mx=qlDisp.max()
                                                                                                                                                                  plt.savefig(fn)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               plt.savefig(fn)
                                                                                                                                                                                                                                                                                                                                                                                                                                                plt.clim(0,1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               set key font
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2129 #TPD.797 TNO.986 PPO.014 FNO.203 ERO.041 RCO.797 PPO.903 FO.846 k96 pplF4x24G3xO.5mON40bl00al.6Rllx 0.235.0766.073 38.46 C) ***

2130 #TPD.791 TNO.966 PPO.014 FNO.203 ERO.041 RCO.797 PRO.903 FO.843 k100 pplF4x24G3xO.5mON40bl00al.6Rllx 0.2487.6795(0:41:27.678)

2131 #TPD.791 TNO.966 PPO.014 FNO.229 ERO.042 RCO.791 PRO.903 FO.843 k100 pplF4x25G3xO.5mON40bl00al.6Rllx 211 #TPD.791 TNO.968 PPO.019 FNO.229 ERO.049 RCO.771 PRO.872 FO.818 k72 pplF3x24G3xO.5mON40bl00al.6Rllx 0.263.2886(0:34:13.208)

2122 #TPD.758 TNO.997 PPO.013 FNO.242 ERO.045 RCO.758 PRO.909 FO.827 k120 pplF5x24G3xO.5mON40bl00al.6Rllx 0.213 #TPD.758 TNO.997 PPO.013 FNO.242 ERO.045 RCO.758 PRO.909 FO.827 k120 pplF5x24G3xO.5mON40bl00al.6Rllx 0.213
                                                                                                                                                                                                            2119 make 2120 make 2121 m
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0 2254, 1928 (0:94:14.11)
2138 #TP0.646 TWO 978 FP0.022 FNO.354 ERO.070 RCO.646 PRO.829 FO.726 K72 ppcF3x24G3x0.5m0N40bl00al.6R1lx
0 2558.5198 (0:42:38.518)
2139 #TP0.669 TWO 984 FP0.016 FNO.391 ERO.070 RCO.609 PRO.862 FO.714 K120 ppcF5x24G3x0.5m0N40bl00al.6R1lx
2139 #TP0.669 TWO 984 FP0.016 FNO.391 ERO.070 RCO.609 PRO.862 FO.714 K120 ppcF5x24G3x0.5m0N40bl00al.6R1lx
2140 #executing
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#FD=s for standard spectrum envelope, FD=S for spectrum with pole weight=1
export FD=SR ns=100 ls=10 #FD=s for standard spectrum envelope, FD=S for spectrum with pole weight=
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                pP1F4x24G3x0.5m0N40b100a1.6R11x
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2156 #TP0.670 TNO.980 PP0.020 FNO.330 ER0.064 RCO.670 PRO.849 F0.749 K112 xP1F14G3x0.5N40b100a1.6R11x0 3473.463s(3:27:53.463) U14.04
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http://aidaty.hatenablog.com/entry/20120415/134458954?
LPC係数をフィルタ係数とみなして周波数応答を求める
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      F0.777 k144 rPlF16G3x0.5N40b100a1.6R11x0
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#export nx=16 nr=3 na=23 #nx=((nr*na)*2)**(0.5);print 'nx=',int(nx+0.5)nx=
#export nx=16 nr=5 na=23 #nx=((nr*na)*2)**(0.5);print 'nx=',int(nx+0.5)nx=
#export nx=16 nr=5 na=23 #nx=((nr*na)*2)**(0.5);print 'nx=',int(nx+0.5)nx=
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ###UDuntu12.04
#TP0.784 TN0.984 FP0.016 FN0.216 ER0.045 RC0.784 PR0.891 F0.834 k92
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             06.921s(1:06:46.920)U12.04
2151 #TPO.696 TMO.984 FPO.016 FMO.304 ERO.057 RCO.696 PRO.879
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echo "#Execute ${cmd0}
                                                         cmd0 > nohup.out
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  #(2-2)実行状況確認
                                                                                                                                                                                                                                                                                                                                                                                                                                                  nohup ${cmd}&
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2142
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2244 #PO-755 TRO.984 PPO.016 FNO.245 ERO.049 RCO.755 PRO.886 FO.815 k90 FDSns901s10N40b100al.6R11x0 2186
.532s(0:36:26.532)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FDsns1001s10N40b100a1.6R11x0 32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       #TP0.670 TN0.971 FP0.029 FN0.330 ER0.072 RC0.670 PR0.792 F0.726 k80 SR80101N40b100a1.6K11x0 1839.973
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   export D=zero:ichi:ni:san:si:go:roku:nana:hachi:kyu S=fhs:fms:mkk:mkc:mmt:mnh:mym L=1:2:3:4:5:6:7:8:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             #TP0.777 TN0.978 FP0.022 FN0.223 ER0.051 RC0.777 PR0.856 F0.814 kl00 FDSns1001s10N40b100a1.6R11x0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ###result with old M2s.py with bag below
#TP0.759 TW0.983 FP0.017 FW0.241 ER0.049 RC0.759 PR0.882 F0.816 K100 FDSns1001s10M40b100a1.6R11x0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FDSns901s10N40b100a1.6R11x0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FDsns801s10N40b100a1.6R11x0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      compare
                                                                                                                                                           ŝΓ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     54.381s(0:40:54.381) without real axis,weight=1 ***
2243 #TP0.758 TNO.982 PP0.018 FNO.242 ER0.050 RC0.758 PR0.877 F0.813 K110 FDSns1101s10N40b100a1.
                                                                                                                                                           4
                                                         n)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    log|sum_m 1/(1-Pm exp(-jw n))|
                                                                                                                                                                                                                                                                                                                                                                                                                           log sum_m 1/(1-Pm exp(-jw n))
log sum_m 1/(1-Pm exp(-jw n))
                                                       sum_m(log |1/(1-Pm exp(-jw
2228 #TP0.797 TWO.981 FP0.019 FN0.203 ER0.045 RC0.797 PR0.874 F0.834 k90 7.551s(0:49:17.551) **best 2229 #TP0.777 TWO.978 FP0.022 FN0.223 ER0.051 RC0.777 PR0.856 F0.814 k100 24.820s(0:53:44.819)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRO.800 FO.744 kl00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              #TP0.678 TN0.970 FP0.030 FN0.322 ER0.072 RC0.678 PR0.791 F0.730 k80
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRO.816 FO.751 k90
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FD=s ns=100 ls=10 #ls[0]=1 for log after sum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ER0.066 RC0.695
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ER0.068 RC0.695
                                                                                                                                                                                                                                                                                                                                                                                                export dr=../../12voicedata ueki all k8
                                                                                                                                                                                                                                                        fn='qH1-{}-{}-{}-{}.eps'.format(s,d,1)
                                                                                                                                                                                           fn='qHc-{}-{}-{}-{}.eps'.format(s,d,l)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2.7538(0.50:52.753)
2.233 #TPD0.695 TN0.971 FP0.029 FN0.305
36.5818(0:53:56.581)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FN0.305
                                                                                                                                                                                                                          myshell('gv {}&'.format(fn))
                                                                                                                                                                                                                                                                                               myshell('gv {}&'.format(fn))
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1.242s(0:45:31.241)
2232 #TP0.695 IN0.974 FP0.026
                                                                                                                                                                                                                                                                                                                                                                                                             #final used 20iconip
                                                                                                                                                                                                                                                                                                                                                                                #final used 20iconip
                                                                                                                                                                                                        plt.savefig(fn)
                                                                                                                                                                                                                                                                             plt.savefig(fn)
                                                                                                                                                                                                                                                                                                                               #############
                                                                                                                                                                                                                                                                                                                                                                ###########
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    #export
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2238
2239
2240
2241
```

```
s(0:30:39.972) Ubuntul2.04mesaho 20200523
```

443.906 (0.461.43.930) with real axis 24.84 #TPO.552 TNO.953 FPO.047 FNO.0464 FO.663 K100 FDSns1001s10N40D100a1.6R1IX0 24.84 #TPO.552 TNO.953 FPO.047 FNO.448 ER0.104 RCO.552 PRO.664 FO.663 K100 FDSns1001s10N40D100a1.6R1IX0 24.84 #TPO.619.34.080 weight=c log q^[H.a] 22.49 #TPO.477 TNO.958 FPO.042 FNO.523 ER0.111 RCO.477 PRO.656 FO.552 K100 FDSns1001s00N40D100a1.6R1IXO 24.93.377s(0.40:03.377) no.099 F0.804 kl00 FDSRns1001s10N40b100a1.6R11x0 #TP0.751 IN0.981 FP0.019 FN0.249 ER0.052 RC0.751 PR0.866

F0.806 k80 SR80110N40b100a1.6R11x0 8040.056 s(2:14:00.055) Ubuntul4.04
2252 #TPD.755 TNO.985 FPD.015 FNO.245 ERO.048 RCO.755 PRO.892 FO.818 K100 SR100110N40b100al.GR1lx0 11006.
775/3(3:03:25.777) ***
2253 #TPD.755 TNO.981 FPD.019 FNO.245 ERO.051 RCO.755 PRO.868 FO.808 K110 SR110110N40b100al.GR1lx0 12610.
470s(3:30:10.470) #TP0.754 TN0.980 FP0.020 FN0.246 ER0.052 RC0.754 PR0.865 2250

2256 #TPO.666 TNO.969 FPO.031 FNO.334 ERO.074 RCO.666 PRO.783 FO.720 kBO SB0100N40b100al.6R11x0 1843.986s (0:30:42.986) 2257 #TPO.739 TNO.983 FPO.017 FNO.261 ERO.052 RCO.739 FRO.881 FO.804 k80 S80110N40b100a1.6R11x0 1918.639s (0:31:58.638) *** #TPO.670 TNO.971 FPO.029 FNO.330 ERO.072 RCO.670 PRO.792 FO.726 k80 SR80101M40b100al.6R11x0 1839.973 2258 #TPO.755 TNO.981 FPO.019 FNO.245 ERO.051 RCO.755 PRO.871 FO.809 k80 S80111N40b100a1.6R11x0 1922.8598 (0:32:02.859) ***** 20200523 s(0:30:39.972) Ubuntu12.04mesaho

2261 #TP0.682 TNO.973 FP0.027 FNO.318 ER0.069 RC0.682 PR0.807 F0.739 K100 S100101N40b100al.6R1 10451.4318 F51.4318 F51.4 S82101N40b100a1.6R11x0 #elapsed time:2784.449s(0:46:24.448)@2020-02-12 14:11:47,384590 for m6:mym #with 20log10 #TPO.682 TNO.973 FPO.027 FNO.318 ERO.069 RCO.682 PRO.807 FO.739 K100 S100101N40b100al.6R1 F0.730 k82 #TP0.679 TN0.970 FP0.030 FN0.321 ER0.072 RC0.679 PR0.790 (2:27:47.387) 2260 2259 2263

#TP0.683 TN0.970 FP0.030 FN0.317 ER0.071 RC0.683 PR0.790 F0.733 k78 S78101N40b100a1.6R11x0 7405.566s 2264 #TP0.695 TN0.970 FP0.030 FN0.305 ER0.069 RC0.695 PR0.795 F0.742 k81 S81101N40b100a1.6R11x0 (2:09:55.417) #TPO.681 TNO.967 FPO.033 FNO.319 ERO.074 RCO.681 PRO.775 FO.725 K70 S70101N40b100a1.6R11x0 (2:03:25.565) (2:11:12.956) (1:45:17.912) (2:06:14.295) 2267 2268

2272 #TPO.703 TNO.972 FPO.028 FNO.297 ERO.067 RCO.703 PRO.806 FO.751 K80 S80101N40b100al.6R1 7634.533s(2: 0.114.523) | 11spectrum envelope with pole weight of the control #TPO.673 TNO.973 FPO.027 FNO.327 ERO.070 RCO.673 PRO.806 FO.734 k80 S80101N60b100al.6R11x0 9673.217s 2275 #TPO.662 TWO.966 FPO.034 FNO.338 ERO.078 RCO.662 PRO.764 FO.709 k60 S60101N40b100al.6R1 5224.909s(1:27:04.909) !!!spectrum envelope with pole weight=1 #TP0.699 TN0.965 FP0.035 FN0.301 ER0.073 RC0.699 PR0.771 F0.733 k80 S80101N30b100a1.6R11x0 6629.787s (2:41:13.216) (1:50:29.787) (2:23:33.893) 2270 2274 2269

2277 #TP0.506 TN0.960 FP0.040 FN0.494 ER0.105 RC0.506 PR0.680 F0.580 K100 s100101N40b100a1.6R1 10728.438s 2784.449s((2:58:48,437) 101: ligpectrum envelope with pole weight=c 2278 #PPO.165 FNO.861 FPO.139 FNO.835 ERO.239 RCO.165 FRO.165 FO.165 K100 s100110N40b100a1.6R1 0:46:24,448) 110:109 before mean 2279 #TPO.506 TNO.560 FPO.040 FNO.494 ERO.105 RCO.506 PRO.680 FO.580 K100 s10010N40b100a1.6R1 (3:08:49.004) 101:109 after mean **minER FRO.124 RCO.413 FRO.595 FO.487 K100 s100100N40b100a1.6R1 2280 #TPO.413 TNO.933 FPO.047 FNO.587 ERO.124 RCO.413 PRO.595 FO.487 K100 s100100N40b100a1.6R1 (3:11:02.139) 100: 2281

2283 cmd="python oob4speakerdigit+RX_20191113.py -sp fhs:fms:mkk:mko:mmt:mnh:mym -tx zero:ichi:ni:san:si:go:roku:nana:hachi:kyu -L 1:2:3:4:5:6:7:8:9:10 -dr ../../12voicedate_lueki_all_k8 -R 1 -RX 0 -mbas 2:100:1.6:1 -s -1 -N 40 -sX -1 -FD ppl -nx 10 -nx=2 -na=23 -nG 3 -sG 0.5 -mel 0 -nlz norm -lx 0" -RX 0 -mbas 2:100:1.6:2284 rm -f nohup:out; 2282 python PC2xPy.py -dr ../../12voicedata_ueki_a11_k8 -R 0.8 -rmax 2 -ow 1 -nx 10 -nr 2 -na 25 -nG 3 -s -mel 0 -DISP 0 G 0.5 -m 2283

2290 #T00.811 TNO.981 PPO.019 FNO.189 ER0.043 RCO.811 PRO.878 FO.843 k46 pPIFZx23G3x0.5m0N40bl00a1.6R1 41 62.57728(1.90.22.671) 1x0 UDMINTUL14.04 (1.00.22.671) 1x0 UDMINTUL14.04 (1.00.22.671) 1x0 UDMINTUL14.04 (1.00.22.671) 1x0 UDMINTUL14.04 (1.00.29.241) 1x00.29.2 (1.00.20.26.741) 1x00.29.2 (1.00.20.241) 1x00.29.2 (1.00.241) 1x00.2 (1.00.241) 1x00.2 (1.00.241) 1x00.2 (1.00.241) 1x00. 2289 #TPO.497 TNO.958 FPO.042 FNO.503 ERO.119 RCO.497 PRO.702 FO.582 k75 pPcF3x25G3x0.5mON40b100a1. x0 6220.496s(1:43:40.496)

readmecan2mspeech.txt Jun 19 2021 08:15:37

41 2338 #python speechnormalize.py -yin ../12voicedata_ueki_all/fhs-hachi5.dat -yout ../12voicedata_ueki_all_n/fhs-hachi5.dat -ymin 0 ../12voicedata_ueki_all/mmt-san2.dat -yout ../12voicedata_ueki_all/mmt-san2.dat -yout ../12voicedata_ueki_all_n 2340 ../mmt-san2.dat -yout ../12voicedata_ueki_all_n 2340 2295 #TPO.474 TNO.961 FPO.039 FNO.526 ERO.120 RCO.474 PRO.709 FO.568 k50 pPcP2x25G3x0.5m0N40b100a1.6RO.8 83873.845s(I:04:33.844) lx=0 2296 #TPO.520 TNO.968 FPO.032 FNO.480 ERO.106 RCO.520 PRO.766 FO.619 k50 pPlF2x25G3x0.5m0N40b100a1.6RO.8 3331.4944(I:05:31.494) lx=0 -ymi (1:08:14.919) lx=l np.loglp(x) pPl HTP0.673 TMN.977 FP0.023 FW0.327 ER0.067 RC0.673 PR0.827 F0.742 k46 pPcF2x23G3x0.5m0N40bl00al.6R1 (1:08:22.740) lx=l np.loglp(x) pPc HTP0.590 TN0.970 FPD.030 FN0.410 ER0.084 RC0.590 PR0.767 F0.667 k46 pPcF2x23G3x0.5m0N40bl00al.6R1 only $\verb|cmd="python speechnormalize.py -yin $\{d1\}/\$\{s\}-\$\{d\}\$\{1\}. \\ | dat -yout $\{dn\}/\$\{s\}-\$\{d\}\$\{1\}. \\ | dat -yout $\{dn\}/\$\{s\}-\$\{d\}\}^2\}. \\ | dat -yout $\{dn\}/\$\{s\}-\$\{d\}, \\ | dat -yout $\{dn\}/\$\{s\}-\{d$ #1n -s /media/sf_DRIVE/data/12voicedata ~/sotu/2012/12voicedata_ueki #shigeta only #1n -s /media/sf_C_DRIVE/cdata/kurolab/data/12voicedata ~/sotu/2012/12voicedata_ueki #kurogi #(1-0),(1-1-2),(1-2-2),(1-3-2),(1-4-2)の順に全処理を行う(並列では行わない) #ように行うとよい。 #結果はすべて dt=../../12vxxlonds== for s in fhs fms mkk mkc mmt mnh mym; do for d in zero ichi ni san si go roku nana hachi kyu rei yon sichi ku; do for l in l 2 3 4 5 6 7 8 9 10; do ф dl=./../l2voicedata_ueki_all; mkdir -p \$dl for d in zero lichi ni san si go roku nana hachi kyu rei yon sichi ku; ln -s \${d0}/\${d}/* \${d1}/ #d0=/media/sf_C_DRIVE/cdata/kurolab/data/12voicedata_ueki/12voicedatad0=~/sotu/2012/12voicedata_ueki/ dn=\${dl}_n; mkdir -p \$dn #save normalized speech signal log=\$dh/normalize.log lx=1 np.log10(0.01+x) pPc ###################################### u=../../12voicedata_ueki_all; dr=\${dl}.k8; #mkdir -p \$dr # df=\${dl}_f echo \$cmd; \$cmd >> \$log R=0.8 #R=1:0.8:0.6:0.4:0.2 #echo "ymin=\$ymin" > \$log #(0.2)パワー正規化 can2m+/can2c (0.1)リンク作成 94.919s(1:08:14.919) 2293 #TP0.590 TN0. 85.206s(1:08:05.206) 2294 #err with ymin=0 02.741s(1:08 ### ### 23304 23305 23306 23306 23306 23308 23313 23313 23314 23314 23317 23318 23318 23328 23328 23328 23328 23328 23328 23328 23328 23328 23328 23328 23328 23328 2341

```
#me1(=0,1,2)はメル尺度 (プログラムPC2xpy.py参照;下記の実験結果としてはme1=0(メル尺度を使わない) が良
                                                                                       dl=././l2voicedata_ueki_all;
dr=${dl}_k8; #mkdir -p $dr #
df=${dl}_f
R=0.8 #R=1:0.8:0.6:0.4:0.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ./12voicedata_ueki_all;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ##########################
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          export mel=1
#1連想行列毎にストップ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         -DISP 0 -mel $mel&
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    #処理状況の確認
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 jobs
tail nohup.out
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           export nx=11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   export nx=10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        export nx=10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              2474 #
うのでこ
2475 #
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2472 ·
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2481 e
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           # IZ(Y+Y**)=IZ(Y) + IZ(Y**) + IZ(Y
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         #(1.-3-1) (bx,by,cx,xy)がら極(bx,by)をCで重み付けした特徴ベクトルを作成 (動作チェック)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      を保
                                                                                            $dr/*-M.dat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 (bx, by, Cx, xy)から極(bx, by)をCで重み付けした特徴ベクトルを作成(理論)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     -k $k
                                                                                                                                                                                                                                                      Ş
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             wc.sdr/*Rs[R]*-M.dat #ファイルのsize 確認
1s -1 sdr/*Rs[R]*-M.dat|wc #M.datファイルの個数確認 全部揃えば 698=700-2個
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Ç
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      č
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            全部揃えば 698=700-2個
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   export S=mmt L=8 D=ichi #check 20210208
python M2PC.py -dr $dr -R $R -ow 1 -DISP 10 -dbgi 1 -S $S -L $L -D $D
                                                                                                                                                                                                                                                      $L -D $D
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Px Py
                                                                  1 &
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             rm -f nohup.out;nohup python M2PC.py -dr $dr -R $R -ow 1 -DISP 0 ;
#処理状況の確認
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         "" using 0:3 w 1
                                                                                                                                                                                                                                                                                                                                                                   $dr -R $R -DISP 0 -ow
k #rows.sh
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            H
                                                                                                                                                                                                                                                      python mkM.py -dr $dr -R $R -DISP 01 -ow 01 -dbgi 1 -S $S
                                                                                                                                                                                                                                                                                                   -dr $dr -R $R -DISP 10 -ow 11 -dbgi 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   python M2PC.py -dr $dr -R $R -ow 1 -DISP 10 -dbgi 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            grep created nohup.out | wc #ファイルの個数確認
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      export dl=../../12voicedata_ueki_all; export dr=\xi\{dl\}_kR: export df=\xi\{dl\}_fR=1 export S=mmt L=8 D=ichi
                          rm -f nohup.out.nohup python mkM.py -dr $
#or nohup .. >/dev/log 2>&1 </dev/null &
#処理状況の確認
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ##########################
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ###########################
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           #############################
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ##########################
                                                                                                                                                                                                                                                                                                                                                                                                                                                                tail nohup.out
wc $dr/*R${R}*-M.dat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         #結果は $dr/*-PC.dat
                                                                                                                                         python mkM.py -d
#check 20210208
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            tail nohup.out
                          \begin{array}{c} 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\ 7.5 \\
```

readmecan2mspeech.txt Jun 19 2021 08:15:37

```
#(1-3-2) (bx, by, cx, xx)がら極(bx, by)をCで重み付けした特徴ベクトルを作成(全処理)(実際は下の(2-0)で行こではやらなくてよい)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     python PC2xPy.py -dr $dr -R $R -rmax 2 -ow 1 -nx 11 -nr 2 -na 18 -nG 3 -sG 1 -DISP 10 -dbgi 1 -mel $
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   -dbg
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     -ng $ng -
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            python PC2xPy.py -dr $dr -R $R -rmax 2 -ow 1 -nx $nx -nr $nr -na $na -ng $ng -sg $sg -DISP 11 -dbgi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            -nr 5 -na 18 -DISP 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  410 export nx=0 nr=1 na=18 #nr=1;na=18;nx=((nr*na)*2)**(0.5);print nx

480 export nx=0 nr=1 na=18 #nr=1;na=18;nx=((nr*na)*2)**(0.5);print nx

2481 export nx=1 nr=4 na=18 #nr=5;na=18;nx=((nr*na)*2)**(0.5);print nx

2482 export nx=13 nr=5 na=18 #nr=5;na=18;nx=((nr*na)*2)**(0.5);print nx

2483 export nx=13 nr=5 na=18 #nr=5;na=18;nx=((nr*na)*2)**(0.5);print nx

2485 export nx=8 nr=2 na=18 #nr=2;na=18;nx=((nr*na)*2)**(0.5);print nx

2486 export nx=9 nr=2 na=0 #nr=2;na=19;nx=((nr*na)*2)**(0.5);print nx

2487 export nx=9 nr=2 na=20 #nr=2;na=19;nx=((nr*na)*2)**(0.5);print nx

2488 export nx=9 nr=2 na=20 #nr=2;na=19;nx=((nr*na)*2)**(0.5);print nx

2489 export nx=9 nr=2 na=22 #nr=2;na=1;nx=((nr*na)*2)**(0.5);print nx

2490 export nx=10 nr=2 na=22 #nr=2;na=24;nx=((nr*na)*2)**(0.5);print 'nx=',int(nx+0.5)nx=10

2491 export nx=10 nr=2 na=25 #nr=2;na=24;nx=((nr*na)*2)**(0.5);print 'nx=',int(nx+0.5)nx=10

2491 export nx=10 nr=2 na=25 #nr=2;na=24;nx=((nr*na)*2)**(0.5);print 'nx=',int(nx+0.5)nx=10

2491 export nx=10 nr=2 na=25 #nr=2;na=24;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*na)*2;nx=(nr*
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     $nr -na $na
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    #export nx=10 nr=2 na=24 #nr=2;na=24;nx=((nr*na)*2)**(0.5);print 'nx=',int(nx+0.5)nx= 10 #export nx=11 13 13 14 15 export nx=10 nr=2 na=23 #nx=((nr*na)*2)**(0.5);print 'nx=',int(nx+0.5)nx= 10 export nx=10 nr=2 na=23 #nx=((nr*na)*2)**(0.5);print 'nx=',int(nx+0.5)nx= 10 export nx=10 nr=4 na=23 #nx=((nr*na)*2)**(0.5);print 'nx=',int(nx+0.5)nx= 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                全部揃えば 698=700-2個
export mise nrel na=18 #nr=1;na=18;nx=((nr*na)*2)**(0.5);print int(nx+0.5)
export nx=0 nr=1 na=18 #nr=3;na=18;nx=((nr*na)*2)**(0.5);print int(nx+0.5)
export nx=13 nr=5 na=18 #nr=5;na=18;nx=((nr*na)*2)**(0.5);print int(nx+0.5)
export nx=15 nr=6 na=18 #nr=6;na=18;nx=((nr*na)*2)**(0.5);print int(nx+0.5)
export nx=12 nr=6 na=18 #nr=6;na=18;nx=((nr*na)*2)**(0.5);print int(nx+0.5)
export nx=8 nr=2 na=18 #nr=2;na=18;nx=((nr*na)*2)**(0.5);print int(nx+0.5)
export nx=9 nr=2 na=19 #nr=2;na=19;nx=((nr*na)*2)**(0.5);print int(nx+0.5)
export nx=9 nr=2 na=19 #nr=2;na=19;nx=((nr*na)*2)**(0.5);print int(nx+0.5)
export nx=9 nr=2 na=21 #nr=2;na=21;nx=((nr*na)*2)**(0.5);print 'nx=',int(nx+0.5)
export nx=9 nr=2 na=22 #nr=2;na=21;nx=((nr*na)*2)**(0.5);print 'nx=',int(nx+0.5)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              -f nohup.out;nohup python PC2xPy.py -dr $dr -R $R -rmax 2 -ow 1 -nx $nx -nr
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaussian Kernel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             export nG=1 sG=1 #nG: size of Gaussian Kernel, sG:sigma of Gaussian Kernel export nG=3 sG=1 #nG: size of Gaussian Kernel, sG:sigma of Gaussian Kernel export nG=3 sG=0.5 #nG: size of Gaussian Kernel, sG:sigma of Gaussian Kernel export mG=3 sG=0.5 #nG:size of Gaussian Kernel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaussian Kerne
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             nr=4 na=23 #nx=((nr*na)*2)**(0.5);print 'nx=',int(nx+0.5)nx=

nr=6 na=23 #nx=((nr*na)*2)**(0.5);print 'nx=',int(nx+0.5)nx=

nr=8 na=23 #nx=((nr*na)*2)**(0.5);print 'nx=',int(nx+0.5)nx=

#12 13 14 15 16 17 18 19 20

nr=4 na=23 #nx=((nr*na)*2)**(0.5);print 'nx=',int(nx+0.5)nx=

nr=2 na=23 #nx=((nr*na)*2)**(0.5);print 'nx=',int(nx+0.5)nx=
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    #python PC2xPy.py -dr $dr -ow 1 -Ksize 3 -sK 1 -rmax 2 -R $R -ow 1 -nx 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             for F in rPc rPcb rPl pPc pPcb pPl ;do echo -n \$F;1s -1 \$dx/*R\$\{R\}^*-\$\{F\}^*.dat|wc;\#7 	fmuO個数 確認
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             #ファイルのsize 確認
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              export nG=1 sG=1.0 #nG: size of Gaussian Kernel, sG:sigma of export nG=3 sG=0.5 #nG: size of Gaussian Kernel, sG:sigma of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       grep created nohup.out | wc #ファイルの個数 確認
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   j do
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    #1数字(複数の連想行列)毎にストップ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          done
for F in rPc rPcb rPl pPc pPcb pPl
echo -n $F;wc $dr/*R${R}*-${F}.dat
```

```
痛認のみで詳しく行む
                                                                                                                                                                                                                                                                                                                                                                                              #sudo apt-get install libopency-dev;sudo apt-get install python-opency; #for install cv2 for Ubuntul
                                                                                      $dr/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                (nr)*(na)-polar image
                                                                                                                                                                                                                                        nohup python PC2q.py -dr $dr -ow 1 -nF 1001 -rmax 2 -R $R -nG 11 -sG 3 -ow 1 -DISP 0 >nohup.out&
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              紫
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            10
                                                                                      トック)
                                                                                                                                                                        -dbgi
                    (今回は、
                                                                                                                                                      10
                                                                                    (動作チ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaussian Kernel
Gaussian Kernel
Gaussian Kernel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                na for
                                                                                                                                                      -DISP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      rm -f nohup.out;
14-0) 上部パラメタを持つxPyファイルの存在を調べ、なければ作る←(1-3-2)
1f["s[Pio:0:1]"=="p"]; then #xPyファイルの存在確認
fn=s[dz]/mym-zerz9-Rs[R]*-$[FD]Fs[fnz]xs{fna}Gs{fnd}xs{seg]ms{fme1}.dat
                                                                                    (以前の極分布ベクトルg_nと同じ)
                                                                                                                                                      -0w 1
\# set Feature size nx for (nx)^*(nx/2)-recutangular image , and nr and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaussian
                                                                                                                                                      2 -R $R
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     of Gaussian Kernel, sG:sigma of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              set nG (Gaussian filter's Kernel-size) and sG (sigma)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   export D=zero:ichi.ni:san:si:go:roku:nana:hachi:kyu
export G=fins:fma:mkk:nko:mkm:mmh;mym
export R=0.8; RX=0 #R=1
                                                                                                                                            check
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ############## (No.2-1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         dr=$(d1), K8; #mkdir -p $dq #pole new sX=-1;a=1.6;b=10;N=40;# for short time sX=-1;a=1.6;b=40;N=100; #??
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FD=rP1 #pP1 #pP1 pPc pPcb rP1 rPc rPcb FD=pP1 #pP1 #pP1 pPc pPcb rP1 rPc rPcb FD=pPc #pP1 #pP1 pPc pPcb rP1 rPc rPcb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     sX=-1;a=1.6;b=400;N=40; #?best 18aihc!
                                                                                                                                                                                                                                                                                                                                                                                                                                          #pip install opency-python for Ubuntul4.04
                                                                                    #(1-4-1) (x, y, C)から極(x, y)の分布を作成
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ../12voicedata_ueki_all;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              sX=-1;a=1.6;b=40;N=400; #????
                                                                                                                                                                                                                                                                                                          ###################################
                                                                                                                                                                                                                                                                                                                                                   export sX=-1;a=1.6;b=300;N=40; #?

export sX=-1;a=1.6;b=100;N=50; #?

export sX=-1;a=0.7;b=100;N=30; #

export sX=-1;a=1.6;b=10;N=40; #

export mbas=2:${b}:${a}:1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     t nG=3 sG=1.0 #nG: size o:
t nG=3 sG=0.7 #nG: size o:
t nG=1 sG=1.0 #nG: size o:
t nG=3 sG=0.5 #nG: size o:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         export L=1:2:3:4:5:6:7:8:9:10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     #choose rectangular or polar
                                                                                                                                  ###########################
                                                                  ###########################
                                                                                                                                                                                                                                                                 grep created nohup.out
                                                                                                                                                                                                                                                                                                                                 学習と話者讖
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fn=\${dr}/mym-zero9-R\${R}*-\${FD}F\${nx}G\${nG}x\${sG}.dat

ß 40 40 40 66 #TPO.668 TNO.989 FPO.011 FNO.332 ERO.057 RCO.668 PRO.907 FO.769 k92 ppIF4x23Glx1.0m0N40bl00al.6R1 97 98 \$me1 2639 #R=0.8 F4x23 2640 #TP0.426 TNO.976 FP0.024 FNO.574 ER0.116 RC0.426 PR0.777 F0.550 k92 pPIF4x23G1x1.0m0N40b100a1.6R0.8 2640 #TP0.426 TNO.976 FP0.024 FNO.574 ER0.116 RC0.530 PR0.777 F0.654 k92 pPIF4x23G3x0.5m0N40b100a1.6R0.8 8370.3718(2:19:30 TNO.972 FP0.028 FNO.470 ER0.102 RC0.530 PR0.789 F0.634 k92 pPIF4x23G3x0.5m0N40b100a1.6R0.8 in can2m with new mell==0 2644 #TPO.460 TNO.952 PPD.048 FNO.540 ERO.130 RCO.460 PRO.655 FO.540 k92 pplF4x23G3x0.5moN40bl00al.6RO.8 8430.108s(2:20:30.107)??20191205 #R=0.8 F2x23 Ubuntu12.04 #TP0.530 TNO.974 FP0.026 FNO.470 ER0.100 RC0.530 PR0.803 F0.638 k46 pP1F2x23G1x1.0m0N40b100a1.6R0.8 #TP0.443 TN0.980 FP0.020 FN0.557 ER0.109 RC0.443 PR0.817 F0.574 k92 pPIF4x23G1x1.0m0N40b100a1.6R0.8 #TP0.521 TN0.972 FP0.028 FN0.479 ER0.103 RC0.521 PR0.786 F0.627 k92 pP1F4x23G3x0.5m0N4Ob100al.6R0.8 2634 #TP0.520 TN0.963 FP0.037 FN0.480 ER0.111 RC0.520 PR0.736 F0.610 k92 pP1F4x23G3x1.0m0N40b100a1.6R0.8 2637 #TPO.527 TNO.970 FPO.030 FNO.473 ERO.104 RCO.527 PRO.778 FO.629 k46 pP1F2x23G1x1.0m0N40b100a1.6RO.8 345.891s(0:57:25.890) ER0.105 RC0.533 PR0.764 F0.628 k46 pP1F2x23G3x0.5m0N40b100a1.6R0.8 8463.674s(2:21:03.674)ER*PR*F* 2642 #TPO.552 TNO.962 FPO.038 FNO.448 ERO.106 RCO.552 PRO.745 FO.634 k92 pplF4x23G3x1.0mON40bl00al.6RO.8 30.2528(1:07:10.252) 2648 #TPO.811 TNO.981 FPO.019 FNO.189 ERO.043 RCO.811 PRO.878 FO.843 k46 pplF2x23d3x0.5m0N40bl00al.6Rl #TP0.778 TN0.982 FP0.018 FN0.222 ER0.047 RC0.778 PR0.879 F0.825 k46 pP1F2x23G1x1.0m0N40b100a1.6R1 pP1F2x23G3x1.0m0N40b100a1.6R1 TNO.986 FPO.014 FNO.209 ERO.042 RCO.791 PRO.903 FO.843 k92 pP1F4x23G3x0.5m0N40b100al.6Rl PP1F4x23G3x1.0m0N40b100a1.6R1 -mel pP1F4x23G3x0.5m0N40b100a1. -dr \$dr -R \$R -RX \$RX -mbas -mel \$mel -nlz \$nlz -lx \$lx" \$nr -na \$na -nG \$nG -sG \$sG ###without mel-scale (mel==0) with N40bl00al.6 optimize nr.na,(nx),nG,sG, ##==> Best result with nr=4 na=23 nG=3 sG=0.5 ??? 95.3628(I:08:15.362) 2649 #TPD.787 TNO.979 FPD.021 FNO.213 ERD.048 RCO.787 PRO.863 FO.823 k46 90.410s(L:08:10.409) PRO.876 FO.835 k92 \$D -L \$L - SG -[! -e \$fn]; then #xPyファイルがなければ作る(1-3-2) 10="python PC2xPy.py -dr \$dr -R \$R -rmax 2 -ow 1 -nx \$nx -nr ŞD #(2-1) 学習と話者識別実行(時間がかかる) cmd="python oobdspeakerdigit-+RX_20191113.py -sp \$S -tx \$ \$(N) -ax \$(sxX) -FD \$(FD) -nx \$nx -nx=\$nx -na=\$na -nG \$nG e5cn "#Execute \$(cmd)" ER0.045 RC0.798 ############### (No.2-1) #TP0.533 TN0.967 FP0.033 FN0.467 2653 #TP0.798 TN0.981 FP0.019 FN0.202 75.346s(2:44:35.346) nohup.out cmd0="python PC2xPy.py echo "#Execute \${cmd0}" 40.809s(2:45:40.808)ER*RC*F* \${cmd0} > nohup.out grep "time\|start" #最終結果確認 -15 nohup.out #(2-2)実行状況確認 8496.331s(2:21:36.330)RC* 98.331s(2:43:18.331)PR* 2652 #TP0.791 TN0.98 4314.420s(1:11:54.419) 4285.148s(1:11:25.147) 4375.198s(1:12:55.197) 2451.081s(0:40:51.080) 3506.210s(0:58:26.209) nohup \${cmd}& #R=1 F2x23 2650 #R=1 F4x23 ########### ######### ######## 2643 ###doing 2633 2632 2651

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68.561s(1:02:48.560)
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2735 #TPO.
2:20:29.563)
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2755
14.751)
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2705 #F0.368 TWO.899 FP0.011 FNO.632 ERO.114 RCO.368 PRO.871 FO.518 k92 pplF4x23Glx1.0N30bl00a0.7RO.8 38
62.550(1.04:22.549) PR*
2706 #FD0.476 TNO.983 FP0.017 FNO.524 ERO.102 RCO.476 PRO.847 FO.609 k92 pplF4x23G3x0.5N30bl00a0.7RO.8 37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1865
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      258
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2665 #TPO.530 TWO.972 FPO.028 FNU.47U EKV.1V& AVV.2V. --
8471.898s(2:21:11.898)
2666 #TPO.507 TWO.968 FPO.032 FNO.493 ERO.109 RCO.507 PRO.761 FO.609 k92 pplF4x2383x0.5mlN40bl00a1.6RO.8
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2681 #TPD:322 TNO:966 FPD:034 FNO:466 EPD:0106 RCO:532 PRO:757 FO.625 k46 pplF2x23G1x1.0m0N30b100a1.6R0.8 2680.4873 N30worsethanN40 EPD:037 FNO:473 FNO:473 EPD:027 FNO:473 FD:027 FNO:473 FNO:473 EPD:027 FNO
                                                                                             ################ Examination that mel==0 (without mel-scale) is best.
#TPO.476 TNO.984 FPO.016 FNO.524 ERO.101 RCO.476 PRO.858 FO.612 k92 pPlF4x23G3x0.5m0N30b100a0.7RO.8
                                                                                                                                                                                                                                 #TPO.464 TNO.979 FPO.021 FNO.536 ERO.107 RCO.464 PRO.816 FO.592 k92 pPIF4x23G3x0.5mlN30blO0a0.7RO.8
                                                                                                                                                                                                                                                                                                                                                                                                                            F0.609 k92 pP1F4x23G3x0.5m0N30b100a0.7R0.8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2668 #TPD.532 TWO.974 FPD.026 FNO.468 ERO.099 RCO.532 PRO.807 FO.641 k92 pPIF4x23G3x0.5m0N40bl00al.6RO.8 8279.216s(2:17:59.216) ER***PR**FP**????0ld
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             #TP0.537 TN0.969 FP0.031 FN0.463 ER0.103 RC0.537 PR0.775 F0.635 k46 pp1F2x23G1x1.0m0N40b100a1.6R0.8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                #TP0.497 TN0.964 FP0.036 FN0.503 ER0.114 RC0.497 PR0.735 F0.593 k46 pP1F2x23G1x1.0m1N40b100a1.6R0.8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   #TP0.510 TN0.968 FP0.032 FN0.490 ER0.108 RC0.510 PR0.764 F0.612 k46 pplF2x23G1x1.0m2N40b100a1.6R0.8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       #TP0.430 TN0.980 FP0.020 FN0.570 ER0.112 RC0.430 PR0.809 F0.561 k46 pP1F2x23G1x1.0m2N30b100a0.7R0.8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ################# Examination that N40b100a1.6 is better than N30b100a1.6
#TP0.532 TN0.966 FP0.034 FN0.468 ER0.106 RC0.532 PR0.757 F0.625 k46 pP1F2x23G1x1.0m0N30b100a1.6R0.8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2677
2678 #TPO.742 TNO.987 FPO.013 FNO.258 ERO.048 RCO.742 PRO.906 FO.816 k46 pP1F2x23G1x1.0moN30b100a0.7R1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             #TP0.738 TN0.986 FP0.014 FN0.262 ER0.050 RC0.738 PR0.896 F0.809 k46 PP1F2x233G1x1.0N25b100a0.7R1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        5338(2:45:29.533)
2700 #TP0.607 TN0.992 FP0.008 FN0.393 ER0.063 RC0.607 PR0.928 F0.734 k92 pPIF4x23G1x1.0N30b100a0.7R1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     .012 FN0.252 ER0.046 RC0.748 PR0.914 F0.823 k46 pPlF2x23Glx1.0N30b300a0.7R1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           #TP0.729 TN0.987 FP0.013 FN0.271 ER0.050 RC0.729 PR0.902 F0.807 k46 PP1F2x23G1x1.0N20b100a0.7R1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                859s(1:13:39.859) PR*
2701 #TPO.752 TNO.988 FPO.012 FNO.248 ERO.045 RCO.752 PRO.915 FO.825 k92 pPIF4x23G3x0.5N3Ob100a0.7R1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         #TP0.741 TN0.985 FP0.015 FN0.259 ER0.050 RC0.741 PR0.893 F0.810 k46 pp1F2x23G1x1.0N40b100a0.7R1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      #TP0.725 TN0.986 FP0.014 FN0.275 ER0.052 RC0.725 PR0.894 F0.801 k46 pp1F2x23G1x1.0N50b100a0.7R1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     F0.829 k92 pPlF4x23G3x1.0N30b100a0.7R1
                                                                                                                                                                                                                                                                                                                                    F0.587 k92 pP1F4x23G3x0.5m2N30b100a0.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  #TP0.470 TN0.984 FP0.016 FN0.530 ER0.102 RC0.470 PR0.852 F0.606 k46 pP1F2x23G1x1.0m0N30b100a0.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     pP1F2x23G1x1.0m1N30b100a0.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               #####zesult for R=1,0.8 a=0.7(fast;low precesion?) ##parameter tuning --> decide to use N30,b100,a0.7, (reject b=300 with smallest ER0.046,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     F0.593 k46
                                                                                                                                                                                                                                                                                                                               #TP0.457 TN0.980 FP0.020 FN0.543 ER0.107 RC0.457 PR0.820
                                                                                                                                                                                                                                                                                                                                                                                                                            #TP0.476 TN0.983 FP0.017 FN0.524 ER0.102 RC0.476 PR0.847
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ER0.105 RC0.458 PR0.838
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2688 #TP0.748 TN0.988 FP0.012 FN0.25
675s(1:32:38.675) b300*ER*RC*F*
                                                                                                                                                                                                                                                                                                                                                                                                                            2663 #TPO.476 TNO.983 FPO.017 F
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    447.047s(0:57:27.046) ER*RC*F*
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2696 #TPO.725 TNO.986 FPO.03.258s(0:43:06.257) N=50Worse
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2674 #TPO.470 TNO.984 FE
1608.903s(0:26:48.903) m0*
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2675 #TPO.458 TNO.982
1623.0348(0:27:03.034)
2676 #TPO.430 TNO.980
1625.2978(0:27:05.296)
                                                                                                                                                                                                                            2661 #TP0.464 TNO.979
3815.816s(1:03:35.816)
2662 #TP0.457 TNO.980
3839.833s(1:03:59.833)
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04.249s(2:41:44.249) m=1
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3453.604s(0:57:33.604)
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3460.884s(0:57:40.883)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2667 #TPO.520 TNO.96
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ##[2] F4x23 R1
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                                                                                                                                                                                           3756.055s(1:02:36.054)
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2693 #TP0.738 TN0
.582s(0:27:52.582)
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2687 #
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2686
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2714 #TPO.615 TNO.992 FPO.008 FNO.385 ERO.062 RCO.615 PRO.931 FO.740 k92 pPlF4x23Glxl.0N50b100a0.7R1 5815
                                                                                                                                                                                                                                                          ER0.099 RC0.532 PR0.807 F0.641 k92 pP1F4x23G3x0.5N40b100a1.6R0.8 82
                                   pP1F4x23G3x1.0N30b100a0.7R0.8 38
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1:21:20.124) N=50bad
2718 #F00-660 TNO.983 PPO.017 FNO.540 ER0.104 RCO.460 PRO.843 F0.595 k92 pplF4x23G3x0.5N50b100 4883.923s(
1:21:23.923) a=0.7 R=0.8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2721 #####result for R=1 a=1.6 slow
2722 #TPD.764 TNU.982 FPD.018 FNO.236 ERO.049 RCO.764 PRO.875 FO.816 k46 pplF2x23Glx1.0N40bl00 3992.138s(
11.06:32.137) a=1.6 R=1
2723 #TPD.787 TNU.985 FPD.015 FNO.213 ERO.044 RCO.787 PRO.896 FO.838 k92 pplF4x23G3x0.5N40bl00 9682.246s(
2:41:22.245) a=1.6 R=1
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PPO.063 FNO.612 ERO.154 RCO.388 PRO.553 FO.456 k32 rPlF8G1xIN40b100 2278.208s(0:37:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       #Result for R0.8 a=1.6=slow
#TP0.537 TNO.969 FP0.031 FN0.463 ER0.103 RC0.537 PR0.775 F0.635 k46 pPlF2x23GlxlN40bl00 3447.047s(0:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2738 #TP0.537 TN0.964 FP0.036 FN0.463 ER0.107 RC0.537 PR0.747 F0.625 k92 pP1F4x23G3x1.0N40b100 8516.602s(
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 #TP0.523 TN0.970 FP0.030 FN0.477 ER0.105 RC0.523 PR0.777 F0.625 k46 PP1F2x23g3x0.2N40b100 3497.300s(
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       #TP0.509 TN0.962 FP0.038 FN0.491 ER0.114 RC0.509 PR0.726 F0.598 k46 PP1F2x2333x0.7N40b100 3515.321s(
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   #TPO.437 TNO.978 FPO.022 FNO.563 ERO.112 RCO.437 PRO.798 FO.565 k92 pPlF4x23G3x0.3N4OblO0 8429.5638(
                                                                                                                                                                   #TP0.474 TN0.982 FP0.018 FN0.526 ER0.102 RC0.474 PR0.842 F0.607 k92 pP1F4x23G3x0.5N30b200a0.7R0.8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2741 #TP0.473 TN0.975 FP0.025 FN0.527 ER0.108 RC0.473 PR0.793 F0.592 k138 pP1F6x23G3x0.5N40b100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2742 #TP0.519 TNO.971 FP0.029 FNO.481 ER0.104 RC0.519 PRO.784 F0.624 K138 pP1F6x23G3x0.7N40b100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2743 #TP0.526 TN0.971 FP0.029 FN0.474 ER0.103 RC0.526 PR0.786 F0.630 k138 pP1F6x23G3x0.8N40b100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    pP1F8x23G3x1.0N40b100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FP0.029 FN0.513 ER0.110 RC0.487 PR0.769 F0.596 k184 pP1F8x23G3x0.9N40b100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        pP1F6x23G3x0.9N40b100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 123) a=0.7 R=0.8
#TPO.330 TNO.990 PPO.010 FNO.670 ERO.120 RCO.330 PRO.868 FO.478 k92 pP1F4x23G1x1.0N50b100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               #TPO.516 TNO.969 FPO.031 FNO.484 ERO.106 RCO.516 PRO.769 FO.617 K46 pP1F2x23G3x0.4N4OblOO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            #TP0.420 TN0.978 FP0.022 FN0.580 ER0.115 RC0.420 PR0.794 F0.549 k92 pP1F4x23G1x1.0N40b100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              pP1F4x23G3x0.5N40b100
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TWO.974 FPO.026 FWO.468 ERO.099 RCO.532 PRO.807 FO.641 k92 pplf4x23g3x0.5N4OblOO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           #TPO.517 TNO.966 FPO.034 FNO.483 ERO.109 RCO.517 PRO.754 FO.613 k92 pplF4x23G3x0.7N4Obl00
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FN0.474 ER0.104 RC0.526 PR0.781 F0.628 k138
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FP0.033 FN0.517 ER0.113 RC0.483 PR0.747 F0.587 k184
                                        FN0.503 ER0.107 RC0.497 PR0.783 F0.608 k92
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         #TP0.470 TN0.981 FP0.019 FN0.530 ER0.105 RC0.470 PR0.828 F0.600 k92
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             #TP0.516 TN0.975 FP0.025 FN0.484 ER0.101 RC0.516 PR0.807 F0.629 k46
                                                                                                                                                                                                                                                          FN0.468
                                        FP0.028
                                                                                                                                                                                                       23.951s(2:05:23.951)?
2710 #TPO.532 TNO.974 FPO.026
79.216s(2:17:59.216) ER***PR**F**
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FP0.030
ER*F*
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        e nX for 1
TNO.937 I
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2745 #TP0.513 TN0.967
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         #TP0.483 IN0.967
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           #TP0.487 TN0.971
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  *
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        57:27.046) ER*RC*F*
2728 #TP0.523 IN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  295s(1:36:55.294)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  #optimize
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0:57:32.820)ER**
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  s(4:14:23.162)
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#TP0.431 TN0.940 FP0.060 FN0.569 ER0.144 RC0.431 PR0.591 F0.499 K55 rP1F11G1x1N40b100 4164.025s(1:09 #TP0.405 TN0.953 FP0.047 FN0.595 ER0.138 RC0.405 PR0.635 F0.495 k78 rP1F13G1x1N40b100 6489.820s(1:48 #TP0.448 TN0.970 FP0.030 FN0.552 ER0.117 RC0.448 PR0.752 F0.562 k98 rP1F14G1x1N40b100 9087.862s(2:31 #TP0.437 TN0.947 FP0.053 FN0.563 ER0.138 RC0.437 PR0.621 F0.513 k50 rP1F10G1x1N40b100 3701.592s(1:01 #TP0.427 TN0.968 FP0.032 FN0.573 ER0.122 RC0.427 PR0.729 F0.538 k105 rP1F15G1x1N40b100 9682.354s(2:4 #TP0.423 TN0.972 FP0.028 FN0.577 ER0.119 RC0.423 PR0.754 F0.542 K128 rP1F16G1x1N40b100 13337.664s(3: 2763 #TP0.418 TN0.983 FP0.017 FN0.582 ER0.111 RC0.418 PR0.834 F0.557 k200 rP1F20G1x1N40b100 26475.142s(7: #TPO.404 TNO.952 FPO.048 FNO.596 ERO.139 RCO.404 PRO.629 FO.492 K72 rPIF12G1x1N40b100 :27.862) ER*F* for 2761 #TPD 407 mm 21:15.142) ER* 42:17.664) 1:22.354) :44.458) :09.819)

2766 #Optimize na for ppl 2767 #TP0.521 TNO.962 FP0.038 FNO.479 ER0.111 RC0.521 PR0.734 F0.610 K36 pplF2x18G1x1N40b100 2570.162s(0: 42:56.162) #TPO.514 TNO.970 FPO.030 FNO.486 ERO.106 RCO.514 PRO.774 FO.618 k42 pP1F2x21G1x1N40b100 3113.306s(0: #TP0.517 TN0.967 FP0.033 FN0.483 ER0.108 RC0.517 PR0.757 F0.614 k44 pp1F2x22d1x1N40b100 3289.598s(0: #TPO.537 TNO.969 FPO.031 FNO.463 ERO.103 RCO.537 PRO.775 FO.635 k46 pP1F2x23G1x1N40b100 3447.047s(0: #TP0.526 TN0.963 FP0.037 FN0.474 ER0.110 RC0.526 PR0.738 F0.614 k48 pP1F2x24G1x1N40b100 3626.286s(1: 2774 #TPO.514 TNO.969 FPO.031 FNO.486 ERO.106 RCO.514 PRO.770 FO.617 k50 pP1F2x25G1x1N40b100 3826.842a(1:03:46.841) #TP0.533 TN0.970 FP0.030 FN0.467 ER0.103 RC0.533 PR0.780 F0.633 k38 pp1F2x19G1x1N40b100 2807.666s(0: #TP0.519 TN0.966 FP0.034 FN0.481 ER0.108 RC0.519 PR0.754 FO.615 k40 pP1F2X20G1X1N40b100 2956.958s(0: 57:27.046) ER*RC*F* 46:47.666) ER*PR* 51:53.305) 54:49.598) 49:16.958) 00:26.286)

2779 #TPO.506 TNO.970 FPO.030 FNO.494 ERO.107 RCO.506 PRO.774 FO.612 K76 pPcbF2x19G1x1N40b100 6500.894s(1 #TP0.501 TN0.972 FP0.028 FN0.499 ER0.106 RC0.501 PR0.785 F0.612 k92 pPcbF2x23G1x1N40b100 8396.233s(2 #TPO.537 TNO.969 FPO.031 FNO.463 ERO.103 RCO.537 PRO.775 FO.635 k46 pP1F2x23G1x1N40b100 3447.047s(0: #TP0.533 TN0.970 FP0.030 FN0.467 ER0.103 RC0.533 PR0.780 F0.633 K38 PP1F2x19G1x1N40b100 2807.666s(0: #TP0.487 TN0.958 FP0.042 FN0.513 ER0.120 RC0.487 PR0.701 F0.575 k38 PPCF2x19G1x1N40b100 2757.566s(0: 46:47.666) **** 57:27.046) **** :48:20.893) 2782 #TP: 45:57.565) 2780 2781

#TP0.437 TN0.947 FP0.053 FN0.563 ER0.138 RC0.437 PR0.621 F0.513 K50 rP1F10G1x1N40b100 3701.592s(1:01 #TP0.431 TN0.950 FP0.050 FN0.569 ER0.137 RC0.431 PR0.632 F0.513 K100 rPcbF10G1x1N40b100 9191.813s(2: 33:11.812) :41.592) 2786 # 2787

#TP0.438 TN0.973 FP0.027 FN0.562 ER0.116 RC0.438 PR0.767 F0.558 K72 pP1F4x18G1x1N40b100 5981.384s(1: #TP0.533 TN0.970 FP0.030 FN0.467 ER0.103 RC0.533 PR0.780 F0.633 k38 PP1F2x19G1x1N40b100 2807.666s(0: 46:47.666) *** 2789 2791

#TP0.431 TN0.975 FP0.025 FN0.569 ER0.116 RC0.431 PR0.774 F0.554 k144 pPcbF4x18G1x1N40b100 16032.424s #TPO.404 TNO.952 FPO.048 FNO.596 ERO.139 RCO.404 PRO.629 F0.492 k72 rPIF12G1x1N40b100 5744.459s(1:35 2792 #TP0.420 TN0.970 FP0.030 FN0.580 ER0.122 RC0.420 PR0.734 F0.534 K72 pPcF4x18G1x1N40b100 6110.470s(1: (4:27:12.424) 41:50.469) 39:41.383) 2795 2794

2798 #TPO.415 TNO.947 FPO.053 FNO.585 ERO.142 RCO.415 FRO.609 FO.494 K168 rPcbF12G3x1N40b100 20114.665s(5) #TP0.420 TN0.951 FP0.049 FN0.580 ER0.137 RC0.420 PR0.633 F0.505 k72 rPcF12G1x1N40b100 5968.307s(1:39 #TP0.438 TN0.961 FP0.039 FN0.562 ER0.126 RC0.438 PR0.694 F0.537 K144 rPcbF12C1x1N40b100 15860.4588(4 :44.458) :28.306)

2800 #TPO.519 TWO.955 FPO.045 FWO.481 ERO.118 RCO.519 PRO.696 FO.594 k72 pPIF4x18G3x1N4OblOO 6189.662s(1:43:09.661) pPlDF4x18G3x1 in can2m/speech

#TP0.403 TN0.965 FP0.035 FN0.597 ER0.129 RC0.403 PR0.697 F0.510 k54 PP1F3x18G1x1N40b100 4068.466s(1: 2802 #TP0.4 07:48.465) ?? 2804 #TP0.521 TN0.962 FP0.038 FN0.479 ER0.111 RC0.521 PR0.734 F0.610 k36 pP1F2x18G1x1N40b100 2570.162s(0:

readmecan2mspeech.txt

2831 #?? 2832 #??#TPO.491 TNO.949 FPO.051 FNO.509 ERO.127 RCO.491 PRO.658 FO.563 k18 ppl_lxl8N40bl00 1309.965s(0:2 2833 #72#TPO.514 TNO.965 FPO.035 FNO.486 ERO.110 RCO.514 PRO.748 FO.610 k36 pPl_2x18N40bl00 2578.463s(0:4.518.463) bl00N40 2834 #72#TPO.507 TNO.964 FPO.036 FNO.493 ERO.112 RCO.507 PRO.738 FO.601 k36 pPl_2x18N50bl00 3066.879s(0:5.1166.878) bl00N50 rpl_2x18 in can2m191122 2837 #72#TPO.408 TNO.976 FPO.024 FNO.592 ERO.119 RCO.408 FRO.770 F0.534 K108 FPI_6x18N40b100 10127.5078(2 :48:47.507) 42:50.162) nlznozw 2805 #FP0.431 Nn0.960 PP0.040 FN0.527 ER0.121 RC0.473 PR0.704 F0.566 k36 pPcF2x18G1x1N40b100 2574.733s(0: 42:54.732) nlznozw 2814 #?? 2815 #??#TP0.526 TN0.964 FP0.036 FN0.474 ER0.109 RC0.526 PR0.743 F0.616 k36 pPlF2x18Glx1N40bl00 2550.840s (0:42:30.840) nlzl ***ER is min,but ... 2816 #7?#TPO.467 TNO.955 FPO.045 FNO.533 ERO.127 RCO.467 PRO.674 FO.552 k36 pPcF2xl8dlxlN40bl00 2525.975s (0:42:06.975) nlzl 2817 #7?#TPO.371 TNO.906 FPO.094 FNO.629 ERO.183 RCO.371 PRO.440 FO.403 k72 pPcbF2xl8dlxlN40bl00 5842.319 s(1:37:22.318) nlzl 2818 #?? 2819 #??#TPO.521 TNO.962 FPO.038 FNO.479 ERO.111 RCO.521 PRO.734 FO.610 k36 pPIF2x18G1xIN40b100 2583.206s (0:43:03.205) nlznorm 2820 #??#TPO.473 TNO.960 FPO.040 FNO.527 ERO.121 RCO.473 PRO.704 FO.566 k36 pPcF2x18G1x1N40b100 2574.733s 2821 #??#TPO.331 TNO.948 FPO.052 FNO.669 ERO.155 RCO.331 PRO.561 FO.416 K72 pPcbF2x18G1x1N40b100 5557.163 s(1:32:37.163) #??#TP0.514 TN0.965 FP0.035 FN0.486 ER0.110 RC0.514 PR0.748 F0.610 k36 PP1_2x18N40b100 2578.463s(0:4 #??#TP0.434 TN0.973 FP0.027 FN0.566 ER0.117 RC0.434 PR0.761 F0.553 k72 pP1_4x18N40b100 5943.480s(1:3 2841 #??R=0.8 b40 N100 2842 #??#TPO.474 TNO.941 FPO.059 FNO.526 ERO.137 RCO.474 PRO.618 FO.536 K18 pP1_1x18 1119.838s(0:18:39.83 2843 #??#TP0.493 TN0.959 FP0.041 FN0.507 ER0.118 RC0.493 PR0.708 F0.581 k36 pP1_2x18 6094.982s(1:41:34.98 2844 #??#TP0.375 TN0.958 FP0.042 FN0.625 ER0.139 RC0.375 PR0.641 F0.473 k54 pP1_3x18 3222.493s(0:53:42.49 2845 #??#TP0.427 TN0.974 FP0.026 FN0.573 ER0.117 RC0.427 PR0.768 F0.549 k72 pP1_4x18 4390.628s(1:13:10.62 2846 #??#TPO.375 TNO.971 FPO.029 FNO.625 ERO.128 RCO.375 PRO.724 FO.494 k90 pPl_5x18 5237.775s(1:27:17.77 #??#TP0.468 TN0.949 FP0.051 FN0.532 ER0.131 RC0.468 PR0.648 F0.544 k90 pPc_5x18 Time5451.207s(1:30:5 #TP0.486 TN0.971 FP0.029 FN0.514 ER0.110 RC0.486 PR0.772 F0.596 K72 pPcbF2x18G1x1N40b100 5946.615s(1 115) nlznorm&|sin(c)|***minER #TP0.388 TN0.937 FP0.063 FN0.612 ER0.154 RC0.388 PR0.553 F0.456 k32 rD1F8G1xIN40b100 2278.208s(0:37: 2809 #TP0.351 TN0.926 FP0.074 FN0.649 ER0.170 RC0.351 PR0.488 F0.408 k64 rPcbF8G1x1N40b100 5000.816s(1:23 2813 #??#TPO.473 TNO.960 FPO.040 FNO.527 ERO.122 RCO.473 PRO.701 FO.565 k36 pPIF2x18G1x1M40b100 2613.952s (0:43:33.952) nlzmax #??#TP0.344 TN0.936 FP0.064 FN0.656 ER0.162 RC0.344 PR0.519 F0.414 k72 pPcb_2x18N40b100 5835.279s(1: #??#TP0.504 TN0.934 FP0.066 FN0.496 ER0.137 RC0.504 PR0.606 F0.550 k36 pPc_2x18N40bL00 2624.876s(0:4 2848 #??#TP0.448 TN0.927 FP0.073 FN0.552 ER0.153 RC0.448 PR0.551 F0.494 K36 pPc_2x18 6677.2948(1:51:17.29 #??#TP0.321 TN0.936 FP0.064 FN0.679 ER0.167 RC0.321 PR0.499 F0.391 k72 pPcb_2x18 Time12569.152s(3:29 TNO.983 FPO.017 FNO.619 ERO.118 RCO.381 PRO.813 FO.519 k496 rPl_?x? Time62833.130s(17:27 #TP0.362 IN0.914 FP0.086 FN0.638 ER0.178 RC0.362 PR0.458 F0.404 k32 rPoF8G1x1N40b100 2283.179s(0:38: 2838 #?? 2839 #??#TP0.408 TN0.976 FP0.024 FN0.592 ER0.119 RC0.408 PR0.770 F0.534 K108 pP1_6x18 10127.507s(2:48:47. #??#TPO.510 TNO.967 FPO.033 FNO.490 ERO.109 RCO.510 PRO.757 FO.610 k36 ppl_2x18N40b400 10424.659s(2: 53:44.658) b400N40 *** #??#TP0.381 1:49.965)bl00N40 507) bl00N40 2840 #?? ÷ 5 5 ÷ 5 5 4) nr5 na18 2:58.463) 37:15.278) :29.152) 3:44.876) :20.815) 2807 58.207) 2808 03.178) 2849 2825

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#??0.481 0.956 0.044 0.519 0.123 #mean TP TN PP FN ERR k36 FD:pPl Time2014.950s(0:33:34.949) nr2na18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                #??0.465 0.957 0.043 0.535 0.113 = 46 573 26 53 79 #TP,TN,FP,FN,ERR n698 m=fhs R0.8 RX0 mbas2:40:1.6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2883 #??0.620 0.945 0.055 0.380 0.102 = 62 565 33 38 71 #TP/TN,FP,FN,ERR n698 m=mkk R0.8 RXO mbas2:40:1.6
:1 N100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            D:pPc
2891 #??0.455 0.970 0.030 0.545 0.103 = 45 581 18 54 72 #TP,TN,FP,FN,ERR n698 m=fhs R0.8 RX0 mbas2:40:1.6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    :1 N100
2893 #??0.550 0.965 0.035 0.450 0.095 = 55 577 21 45 66 #TP,TN,FP,FN,ERR n698 m=mkk R0.8 RXO mbas2:40:1.6
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:1 N100
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:1 N100
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#??0.313 0.977 0.023 0.687 0.117 = 31 585 14 68 82 #TP,TN,FP,FN,ERR n698 m=fhs R0.8 RX0 mbas2:40:1.6
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:1 N100
                                                                                                                                                                                                                                                                                                                                                                                                             #n,m,R,RX,mbas,N
2862 #??0.420 0.963 0.037 0.580 0.126 = 42 491 19 58 77 # 610 fms 0.8 0 2:40:1.6:1 100 #TD,TN,FP,FN,ER=..
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               #n,m,R,RX,mbas,N
2864 #??0.330 0.982 0.018 0.670 0.125 = 33 497 9 67 76 # 606 mko 0.8 0 2:40:1.6:1 100 #TP,TN,FP,FN,ER=...
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2895 #??0.444 0.978 0.022 0.556 0.097 = 44 586 13 55 68 #TP,TN,FP,FN,ERR n698 m=mmt R0.8 RX0 mbas2:40:1.6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     #??0.630 0.933 0.067 0.370 0.110 = 63 558 40 37 77 #TP.TN.FP.FN.ERR n698 m=mkk R0.8 RX0 mbas2:40:1.6
1.206) nr5 na18
- 2866 #79#TPO.357 TNO.950 FPO.050 FNO.625 ERO.146 RCO.375 PRO.600 FO.462 k180 pPcb_5x18 Time13435.993s(3:4
3:55,993) nr5 na18
                                                                                                                                                                                                                                                                #??0.550 0.976 0.024 0.450 0.093 = 55 498 12 45 57 # 610 mkk 0.8 0 2:40:1.6:1 100 #TP,TN,FP,FN,ER=..
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      #??0.420 0.928 0.072 0.580 0.145 = 42 555 43 58 101 #TP,TN,FP,FN,ERR n698 m=mko R0.8 RXO mbas2:40:1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      #??0.340 0.953 0.047 0.660 0.149 = 34 482 24 66 90 # 606 mnh 0.8 0 2:40:1.6:1 100 #TP,TN,FP,FN,ER=..
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         #??0.220 0.983 0.017 0.780 0.150 = 22 466 8 78 86 # 574 mym 0.8 0 2:40:1.6:1 100 #TP,TN,FP,FN,ER=...
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              #n,m,R,RX,mbas,N
2868 #??#TPO.375 TNO.971 FPO.029 FNO.625 ERO.128 RCO.375 PRO.724 FO.494 k90 FD:pP1 Time5237.775s(1:27:17.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               #??0.222 0.935 0.065 0.778 0.166 = 22 560 39 77 116 #TP,TN,FP,FN,ERR n698 m=mmt R0.8 RXO mbas2:40:1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  #??0.370 0.935 0.065 0.630 0.146 = 37 559 39 63 102 #TP, TN, FP, FN, ERR n698 m=mnh R0.8 RXO mbas2:40:1.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       #??0.111 0.960 0.040 0.889 0.160 = 11 575 24 88 112 #TP,TN,FP,FN,ERR n698 m=mmt R0.8 RXO mbas2:40:1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             #??0.323 0.988 0.012 0.677 0.124 = 32 484 6 67 73 # 589 mmt 0.8 0 2:40:1.6:1 100 #TP,TN,FP,FN,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             #??#result for nr=2 na=18 #same as old feature vector q
#??cat ../../12voicedata_ueki_all_k8/speaker-verif-result-pPc.dat #oob prediction of training
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2890 #??cat ../../12voicedata_ueki_all_k8/speaker-verif-result-ppl.dat #oob prediction of training
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 #??0.260 0.923 0.077 0.740 0.172 = 26 552 46 74 120 #TP,TN,FP,FN,ERR n698 m=mym R0.8 RX0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            #??#result includes weight0.2-self-speakers
#??0.444 0.967 0.033 0.556 0.107 #mean TP TN FP FN ERR pP1
#??0.420 0.940 0.060 0.580 0.134 #mean TP TN FP FN ERR pPC
#??0.302 0.949 0.051 0.698 0.143 #mean TP TN FP FN ERR pPcb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2888 #??0.420 0.940 0.060 0.580 0.134 #mean TP IN FP FN ERR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2898 #??0.444 0.967 0.033 0.556 0.107 #mean TP IN FP FN ERR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   #??#result for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            #n,m,R,Rx,mbas,N
2866 #??0.340 0.9
.#n,m,R,RX,mbas,N
2867 #??0.220 0.9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      #n,m,R,RX,mbas,N
2863 #??0.550 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   #n,m,R,RX,mbas,N
2865 #??0.323
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  6:1 N100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     6:1 N100
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2881
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```

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mbas2:40:1.6 #??0.060 0.946 0.054 0.940 0.181 = 6 566 32 94 126 #TD,TN,FP,FN,ERR n698 m=mym R0.8 RX0 mbas2:40:1.6 for s in fhs fms mkk mko mmt mnh mym; do for d in zero ichi mi san sa go roku nana hachi kyu rei yon sichi ku; do for l in 1 2 3 4 5 6 7 8 9 10; do cmd="python speechnormalize.py -yin $\{d1\}/\{s\}-\{d\}\{1\}$.dat -yout $\{dn\}/\{s\}-\{d\}\{1\}$.dat -ymi #python mkg.py -R 0.8 -S fms -D zero -L 9 -DISP 10 #fms-zero9.dat とランダムに選んだ異話者のデータを #python mkg.py -R 0.4 -S fms -D zero -L 9 -DISP 10 #fms-zero9.dat とランダムに選んだ異話者のデータを RX0 #??0.350 0.946 0.054 0.650 0.139 = 35 566 32 65 97 #TP,TN,FP,FN,ERR n698 m=mnh R0.8 go hachi kyu rei yon sichi ku; $\label{eq:control_def} $$ d0=/media/sf_C_DRIVE/cdata/kurolab/data/l2voicedata_ueki/l2voicedata_ueki/d12voicedata_ueki/d12voicedata_ueki/d12voicedata_ueki/d12voicedata_ueki_d11; mkdir -p $d1 for din zero ichi ni san si go roku nana hachi kyu rei yon sichi ku ln -s ${d0}/${d}/* ${d1}/$$ #??0.302 0.949 0.051 0.698 0.143 #mean TP IN FP FN ERR pPcb dn=\${dl}_n; mkdir -p \$dn #save normalized speech signal log=\$dn/normalize.log not. check whether necessary files exist or di=./../l2voicedata.ueki.all;
2 #dn=s{dl.}mixdir -p \$dn #normalized
3 #dn=s{dl.}mixdir -p \$dn #normalized
4 #dp=s{dl.}mixdir -p \$dn #poles
5 #dq=s{dl.}pimkdir -p \$dq #pole new
6 #dq=s{dl.}fimkdir -p \$dq #pole new
6 #df=s{dl.}fi mkdir -p \$df #figs
7 #nohup python mkq.py -DISP 10& #feature vector #cd ../12voicedata_ueki_all_q/
#mkdir tmp;mv *-p.dat tmp/cd tmp;
#for f in *-p.dat ; do echo \$cmd; \$cmd >> \$log #(1) 混合音声作成 by mkg.py #echo "ymin=\$ymin" > \$log python mkq.py -sql 1

#no fhs-hachis for R1
#no mmt-san2 for R0.8
#no mmt-san2 for R0.8
#no mmt-san2 for R0.8
#no mmt-san2 for R0.6
#no mmt-san2 for R0.6
#no mmt-san2 for R0.6 for R0.2 mmt-san2 for R0.2 fhs-hachi5 for R0.1 mmt-san2 for R0.1 \$dp/*-poles0.dat \$df/*-q2.eps* \$df/*-pples0-*.eps for R0.4 #(0.2)パワー正規化 #no mmt-san2 fo: #no fhs-hachi5 ls \$dq/*-p.dat #err with vmin=0 #(2)

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```
#done;done;done
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              r_max:2 Disp:1"
3108 # ec
3109 # cm
3110 # ec
3111 # s1
                                                                                                                                                                                                                                                             done
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             3106 #
    3038 bmp/SV-R6 #0.468 0.885 #mean for NR=7 Rs=(6) 0.468 0.977 0.023 0.532 0.160 #mean TP TN PP FN ERRKur SORkortolab-VDS:-/sortu/2018/can2D128 f=tump/SV-R6 3039 tmp/SV-R4 #0.480 0.955 0.035 0.520 0.162 #mean TP TN PP FN ERRKur somkurolab-VDS:-/sortu/2018/can2D128 f=tump/SV-R4 #0.480 0.965 0.035 0.520 0.162 #mean TP TN PP FN ERRKur somkurolab-VDS:-/sortu/2018/can2D128 f=tump/SV-R4 #0.460 0.982 #mean TP TN PP FN ERRKur softurolab-VDS:-/sortu/2018/can2D128 f=tump/SV-R2 #0.965 0.036 0.534 0.169 #mean TP TN PP FN ERRKur softurolab-VDS:-/sortu/2018/can2D128 f=tump/SV-R2 #0.965 0.035 0.546 0.172 #mean TP TN PP FN ERR F= 3041 tmp/SV-R1 #0.454 0.823 #mean for NR=7 Rs=(1) 0.454 0.955 0.035 0.546 0.172 #mean TP TN PP FN ERR F=
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ERR f=
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    tmp/SV-R8 #0.483 0.899 #mean for NR=7 Rs=(8) 0.483 0.980 0.020 0.517 0.152 #mean TP TN FP FN ERR f=
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   lw 2 pt 10 lc rgb 'green' t "R" 3018 set term togif set output 'gf-Rp.obj', replot 3019 set term togif set output 'gf-Rp.obj', replot 3019 set term postscript egs enhanced color; set output "gf-RpA.eps"; 3020 plot [1](0.3:1] "gf-Rp.dat" using 0:2 w lp lt 1 lw 2 pt 8 lc rgb "blue" t "P", "" using 0:1 w lp lt 1 lw 2 pt 6 lc rgb "red" t "P", "" using 0:1 w lp lt 1 3021 set term togif; set output 'gf-RpA.obj', replot
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               tmp/SV-R10 #0.938 0.926 #mean for NR=7 Rs=(10)0.938 0.987 0.013 0.062 0.020 #mean TP TN FP FN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        မှ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (0.11)シグ作成
(0.11)シグ作成
do=mediaySE_CDRIVE/cdata/kurolab/data/l2voicedata_ueki/l2voicedata
dl=../l2voicedata_ueki_all; mkdir -p $dl
for d in zero ichi ni san si go roku nana hachi kyu rei yon sichi ku; (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                gv $f-RPA.eps&
cp $f-RPA.* ~/18iconip/iconip18speech/draft
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             gv $f-RP.eps& cp $f-RP.* \sim/18iconip/iconip18speech/draft
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           f=tmp/SV-R${R}
echo -n "$f "; tail -1 $f-RP.dat
dl=../12voicedata_ueki_all;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       for R in ${Rs[@]} ;do
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ####################
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          gnuplot tmp/tmp.plt
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            #20180606 まとめ
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  5037 tmp
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   tmp/SV-R8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      :mp/SV-R1
```

Jun 19	Jun 19 2021 08:15:37 readmecan2mspeech.txt
3049	ln -s \${d0}\\${d}* \${d1}}\
3050	done
3051	#(0.2)パワー正規化
3052	$dn=\{dl\}_n$; $mkdir -p $dn $save normalized speech signal$
3053	log=\$dn/normalize.log
3054	#echo "ymin=\$ymin" > \$log
3055	ymin=0
3056	for s in fhs fms mkk mko mmt mnh mym; do
3057	for d in zero ichi ni san si go roku nana hachi kyu rei yon sichi ku; do
3058	for 1 in 1 2 3 4 5 6 7 8 9 10; do
3059	cmd="python speechnormalize.py -yin $\$\{d1\}/\$\{s\}-\$\{d\}\$\{1\}$.dat -yout $\$\{dn\}/\$\{s\}-\$\{d\}$
"nimy\$ u	
3060	echo \$cmd; \$cmd >> \$log
3061	done

```
cmd="mv tmp/q.obj s(df)/s(sm)-q.obj".secho $cmai$cmd #hot effective any more ->q2 cmd="mv tmp/q.eps <math>s(df)/s(sm)-q.eps".secho $cmd:secnd cmd="mv tmp/.aprecog-$(sm)-poleso-n$(8).obj".recho $cmd:secnd cmd="mv tmp/.aprecog-$(sm)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn)-poleso-n$(sn
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           nr:2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           nt:18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       cmd="mkpoleptv2+ st:$sm k:8 Np:24 dir:tmp dir2:${dm} dout:${dq} rsa:2:20 tt:0:400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  g
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  #for s in ${S[@]}; do

# for d in ${D[@]}; do

# for l in ${D[@]}, do #for l in `seq 1 9` ; do # for l

# for l's{A[$]}, do #for l in `seq 1 9` ; do # for l

# ccho "\ko{_sprecog-${sm}-poles0-N24.eps}{$(sm}-q.eps}".
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             echo $cmd:$cmd
cmd="cp tmp/*-poles0.dat ${dp}/";
echo $cmd;$cmd
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        echo "$cmd"; $cmd
```

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247
3248 #(1) make mixed speech and its pole distribution
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3248 #(1) make mixed speech and its pole distribution
3249 s1=fins.dia=san;12=1
3250 s2=mkx.d2=san;12=1
3251 s1=fins.dia=san;12=1
3252 s2=mkx.d2=san;12=5
3253 sd1=s{s1}-s{d1}s{11}-s{d2}s{12}
3252 sd1=s{s2}-s{d2}s{12}
3254 sd12=s{s2}-s{d2}s{11}-s{d1}s{11}-s{s2}-s{d2}s{12}
3255 r=0.5
3257 sm=s{s1}-s{d1}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d2}s{11}-s{d
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-400 T:100
                                                                                                 cmd="poledistriby2+ st:${sm} N:24 k:8 m:poles4 dir:${dm} rsa:2:0.7:1:20 DiffMode:0 tt:0:400 T:100 D
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3244 #python speechnormalize.py -yin ${d1}\${s1}-${d1}${11}.dat -yout ${dn}\${s1}-${d1}${11}.dat -ymin 5 3245 #python speechnormalize.py -yin ${d1}\${s2}-${d2}${12}.dat -yout ${dn}\${s2}-${d2}${12}.dat -ymin 5 3246 #python speechnormalize.py -yin ${d1}\${s2}-${d2}${12}.dat -yout ${dn}\${s2}-${d2}$$12}.dat -ymin 5 2246 #plot ".,/12voicedata_ueki_all_n\fhs-kyu9.dat" using 0:1 w 1, ".,/12voicedata_ueki_all_n\mkk-san5.dat"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            poledistribv2 sp:${s1} tx:${d1}${11} N:24 k:8 m:poles4 dir:$dn rsa:2:0.7:1:20 DISP:1 DiffMode:0 tt:0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             cmd="pxthon speechnormalize.py -yin $\{d1\}/$\{s\}-\$\{d\}\$\{1\}.dat -yout $\{dn\}/\$\{1\}-\$\{d\}\}\$\{1\}.dat -ymi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               #error with python speechnormalize.py -yin ../12voicedata_ueki_a11/mmt-san2.dat -yout ../12voicedata
                                                                                                                                                                                                                                                                 omd="mkpoleptv2+ st:$sm k:8 Np:24 dir:tmp dir2:${dm} dout:${dq} rsa:2:20 tt:0:400 nt:18 nr:2 r_max:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              poledistribv2+ st:${sm} N:24 K:8 m:poles4 dir:$dn rsa:2:0.7:1:20 DISP:1 DiffMode:0 tt:0:400 T:100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     \#(0) power normalization of speech; see the log to see the original difference of the power hoses \{d_1\}_n, width -b so the power speech signal b_0=\xi d_1, normalize b_0.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            for s in fhs fms mkk mkc mmt mnh mym; do for d in zero ichi ni san si go roku nana hachi kyu rei yon sichi ku; do \# for l in 10; do for l in 1 2 3 4 5 6 7 8 9 10; do
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              dl=../12voicedata_ueki_all; mkdir --> $dl
for d in zero ichi ni san si go roku nana hachi kyu rei yon sichi ku;
ln -s ${d0}/${d}/* ${d1}/$
done
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     d0=/media/sf_C_DRIVE/cdata/kurolab/data/12voicedata_ueki/12voicedata
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plot "../l2voicedata_ueki_all_n/normalize.log" using 0:1 w 1
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                                                                                                                                                                                                                                                                                                                                                                                                                    cmd1="cp tmp/*-poles0.dat ${dp}/";
echo $cmd1;$cmd1
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324 gnuplot
3242 plot "../12voicedata_ueki_all
3243 quit
3244 #python speechnormalize.py -y
3245 #python speechnormalize.py -y
3246 #potton "./12voicedata_ueki_al
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3273 #(2)
3274 dp=${dn}p; mkdir -p $dp
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      make data-clean
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       cmd="python speechmix.py -y0 $dn/${s}-${d}${1}.dat -y1 $dn/${s2}-${d2}${12}.dat -r $r" echo "$cmd>$dm/${$m}.dat": $cmd > $dm/${$m}..dat cmd="poledistribv2+ st:${sm} N:${N} K:8 m:poles4 dir:${dm} rsa:2:0.7:1:20 DiffMode:0 tt:0:40
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       \label{eq:cmd=mw} $$ \exp(q2.ob) $ \left(df_{N} \right) $ \left(sm_{Q2}.ob_{N}:echo $cmd:\$cmd cmd="mw tmp/q2.ops $ \left(df_{N} \right) $ \left(sm_{Q2}.eps^{u}:echo $cmd:\$cmd cmd="mw tmp/q2.dat $ \left(df_{N} \right) $ \left(sm_{Q2}.eps^{u}:echo $cmd:\$cmd cmd="mw tmp/q2.dat $ \left(df_{N} \right) $ \left(sm_{N} \right) $ \left(df_{N} \right) $ \left(sm_{N} \right) $ \left(s
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     cat $f|awk '{q[NR]=$1;}END{for(n=0;n<NR;n+=2) printf("%d %d\n",q[n],q[n+1]);}'>${fb2}.dat
acat >tmp.pl << ED;</pre>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     set term postscript eps enhanced color; set output "\$\{fb2\}.eps" lc rgb "light-red", \ plot [0:36][0:300]"\$\{fb2\}.dat" using (\\$0*2-0.5):1 with boxes lw 2 lc rgb "light-red", \ \$\{fb2\}.dat" using (\\$0*2+0.5):2 with boxes lw 2 lc rgb "light-green" set term tgif; set output "\$\{fb2\}.ob]", replot
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             for 1 in 1 2 3 4 5 6 7 8 9; do
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     for f in 'ls $dm/*.dat' ; do #for f in 'ls $dm/fhs-gol-Rl*'; do
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         for in ${S1[@]}; do
  for in ${D[@]}, do
  for lin ${L[@]}; do #for lin 'seq 1 9' ; do #
  for r in ${R[@]}; do #for lin 'seq 1 9' ; do #
  for r in ${R[@]}; do
  if [ "$x" = "1" ]; then
  sm=$$s]-${$${$}$}" = "1" ]; then
  sm=$$s]-${$}${$}$.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 \mathrm{sm} = \$\{\$\} - \$\{\mathtt{d}\} \$\{1\} - \$\{\$2\} - \$\{\mathtt{d}2\} \$\{12\} - \mathtt{R}\$\{\mathtt{r}\}
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sprecog-fhs-sanl-mkk-sanl-R0.4-poles0-N24\
sprecog-fhs-sanl-mkk-sanl-R0.2-poles0-N24\
sprecog-mkk-sanl-mkk-sanl-R0.2-poles0-N24\
fhs-sanl-R1.poles0-N24\
fhs-sanl-R1.e0.8-g2\
fhs-sanl-mkk-sanl-R0.8-g2\
fhs-sanl-mkk-sanl-R0.4-g2\
fhs-sanl-mkk-sanl-R0.4-g2\
ffs-sanl-mkk-sanl-R0.2-g2\
ffs-sanl-mkk-sanl-R0.2-g2\
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cp $df/$f.obj ~/18iconip/iconip18speech/draft
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                for f in sprecog-fhs-sanl-R1-poles0-N24 \backslash sprecog-fhs-sanl-mkk-sanl-R0.8-poles0-N24 \backslash
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       cmd="cp tmp/*-poles0.dat ${dp}/";
echo $cmd;$cmd
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           D=(zero ichi si roku nana hachi kyu)
                                                                                                        #figs
                                                                                                 df=${dl}_f; mkdir -p $df
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          echo "$cmd"; $cmd
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   echo $cmd;$cmd
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        s2=${S2[0]}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             R=(1 0.8 0.6 0.4 0.2)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         for f in *-q.dat; do fb2=${f$.dat}2
#==> fhs-san mkk-san
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      done; done; done; done;
                                                                                                                                                               S=(fhs mkk)
R=(0.8 0.6 0.4 0.2)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             D=(go)
R=(1);S1=(fhs mkk)
                                                                                                                                                                                                                                                                                                            S1=(mkk);S2=(fhs)
S1=(fhs);S2=(mkk)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 D=(san)
S1=(fhs);S2=(mkk)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            gnuplot tmp.plt
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  sleep 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                set boxwidth 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    gv ${fb2}.eps&
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0 T:100 DISP:1" ech. 3154 ech. 3156 ech. 3156 ech. 3157 ech. 3156 ech. 3157 ech. 3157 ech. 3157 ech. 3157
                                                                                                                                                                                                                                                                                                                                                                                                                                      D=(ni)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        cd 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    L=(1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               3163
3164
$cmd
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$cmd
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              3158
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53

Page

readmecan2mspeech.txt

```
3339 set xtics ('fES' 0, 'fNS' 1, 'mKK' 2, 'mKO' 3, 'mMT' 4, 'mMH' 5, 'mYM' 6, 'mean' 7)
3340 set term postscript eps enhanced color; set output "$f.eps';
3341 plot [l[:0.7] "$f.dat" using 0:3 w lp lt l lw 2 pt 8 lc rgb "blue" t "Pp", "" using 0:4 w lp lt l lw
2 pt 10 lc rgb "green" t "PN", "" using 0:5 w lp lt l lw 2 pt 6 lc rgb "red" t "ERR"
3342 set term tgif; set output "$f.obj";replot
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  cat > $f.dat <<EOF
0.980 0.988 0.012 0.020 0.013 = 97 592 7 2 9 #TP.TN.FP.FN.ERR 1698 m=fhs R1 RXO mbas2:40:1.6:1 N100
0.992 0.992 0.008 0.070 0.017 = 93 593 5 7 12 #TP.TN.FP.FN.ERR 1698 m=fms R1 RXO mbas2:40:1.6:1 N100
0.940 0.988 0.012 0.060 0.019 = 94 591 7 6 13 #TP.TN.FP.FN.ERR 1698 m=mkK R1 RXO mbas2:40:1.6:1 N100
0.950 0.980 0.020 0.050 0.024 = 95 586 12 5 17 #TP.TN.FP.FN.ERR 1698 m=mkc R1 RXO mbas2:40:1.6:1 N10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0.929 0.992 0.008 0.071 0.017 = 92 594 5 7 12 #TP,TM,FP,FW,ERR n698 m=mmt R1 RXO mbas2:40:1.6:1 N100 0.900 0.995 0.005 0.100 0.019 = 90 595 3 10 13 #TP,TM,FP,FW,ERR n698 m=mmh R1 RXO mbas2:40:1.6:1 N10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ../12voicedata_ueki_all_q/fms-zero8*R
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0.940 0.975 0.025 0.060 0.030 = 94 583 15 6 21 #TP,TN,FP,FN,ERR n698 m=mym R1 RX0 mbas2:40:1.6:1 N10
nr:2 r_max:2 DISP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           -mbas $mbas -dir
                                                                                                                                                 ; done
                                                                                                                                                 ../wc.txt
                                                                                                               #(1) and (2) make all q with 0.5 #check non-exsisting fles
for sin fish fram mkk mkw mmt mnh mym; do echo -n $sils -l ${dn}}{$} * .../wc.txtiwc
fns 139 1251 11589 ../wc.txt no fhs-hachi5
fms 140 1260 11674 ../wc.txt
mkk 140 1260 11674 ../wc.txt
mkc 140 1260 11674 ../wc.txt
mmc 140 1260 11674 ../wc.txt
mmc 140 1260 11674 ../wc.txt
mmc 139 1251 11591 ../wc.txt
mmt 139 1251 11591 ../wc.txt
for (n=10.ns/700.n+=100); do
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        cmd="python oob4speakerdigit+RX_20180602.py -sp $S -tx $D -L $L -R $R -RX $RX -K 36
nt:18
mkpoleptv2+ st:$sm k:8 Np:24 dir:tmp dir2:${dn} dout:${dp} rsa:2:20 tt:0:400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           -L 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            s -D zero -L 9
s -D san -L 6
s -D roku -L 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                L198
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   python mkg.py -R 0.6 -S fms -D zero
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        mym-kyulo for R0.4 + python mkq.py -R 0.4 -S mym -D kyu fhs-hachis for R0.6 - fms-zero8 for R0.6 + python mkq.py -R 0.6 -S fms -D zero mmt-sanl for R0.6 -
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        79 yethon mkq.py - 78...Z-1[call 1 - 1 # 090 £21.20 /0.03# [Tif] |
79 yethon mkq.py - 78.1 |
8 ha fine-landinis for R0.2 |
8 ha fine-landinis for R0.4 |
9 ha fine-landinis for R0.6 |
9 ha fine-landinis for R0.8 |
9 h
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ->addl no
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0.938 0.987 0.013 0.062 0.020 #mean TP IN FP FN ERR
                                                                                                                                                                                                                                                                                                                                                                                                                  ../wc.txt|head -$n |tail -1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        合立
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     698 25128 69546 合計
698 25128 70861 合計
697 25092 70960 合計
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  check
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     D=zero:ichi:ni:san:si:go:roku:nana:hachi:kyu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           694 24984 70735
698 25128 70734
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 S=fhs:fms:mkk:mko:mmt:mnh:mym
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         nohup sh/mkgrndl.sh
wc ${dq}/*R1*|tail -1 #
wc ${dq}/*R0.8*|tail -1 #
wc ${dq}/*R0.6*|tail -1 #
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               wc ${dq}/*R0.4*|tail -1 #
wc ${dd}/*R0.2*|tail -1 #
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                cat > tmp/tmp.plt << EOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   mbas=2:${b}:${a}:1
L=1:2:3:4:5:6:7:8:9:10
                                                                                                                                                                                                                                                                                                                                                                                                                         echo -n "L$n "; cat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    -1 -N ${N} -sX ${sX}"
make data-clean
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      gnuplot tmp/tmp.plt
gv $f.eps&
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             f=tmp/SV-R10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            R=1; RX=0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      cmd
                                                                                                                                                                                                                                                                                                                                                                                                                                                  done
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```

3381 00.562 0.969 0.031 0.438 0.128 #mean TP TN FP FN ERR
3381 EOF
3382 cat > tmp/tmp.plt <=EOF
3383 set xtics ("fHS.0, "fMS.1, "mKK" 2, "mKO" 3, "mMT" 4, "mNH" 5, "mYM" 6, "mean" 7)
3384 set term two postsorible pep enhanced color; set output "fi-pps";
3385 plot [11:0.7] "fi-dat" using 0:5 w lp lt 1 lw 2 pt 6 lc rgb "blue" t "FP", "" using 0:4 w lp lt 1 lw 2 pt 6 lc rgb "red" t "ERR"
3386 plot [11:0.7] "fi-dat" using 0:5 w lp lt 1 lw 2 pt 6 lc rgb "red" t "ERR"
3387 quit
3388 get term tglf; set output "fi-obj"; replot
3388 grauplot tmp/tmp.plt
3389 grauplot tmp/tmp.plt
3399 graplot tmp/tmp.plt
3390 gv fi-eps6
3391 f=tmp/SV-R10864
3392 f=tmp/SV-R10864
3393 f=tmp/SV-R10864
3393 f=tmp/SV-R10864
3393 f=tmp/SV-R10864
3394 0.496 0.964 0.036 0.504 0.152 = 343 2024 76 349 425 #TP,TN,FP,FN,ERR n2792 m=fhs R1:0.8:0.6:0.4 RXO
mbas2:40:1.6:1 N100
3395 f=tmp/SV-R1080 f= 380 2003 76 333 409 #TP,TN,FP,FN,ERR n2792 m=fms R1:0.8:0.6:0.4 RXO 3360 BDF CONTROLL OF THE TOTAL WINNER OF THE TOTAL WINNER OF THE TOTAL WINNER OF THE TOTAL OF TH 11.611 N100 3357 0.623 0.968 0.032 0.377 0.108 = 192 1053 35 116 151 #TP,TN,FP,FN,ERR n1396 m=mnh R1:0.8 RXO mbas2:40 11.611 N100 33.60 0.601 0.978 0.022 0.399 0.103 = 181 1071 24 120 144 #TP,TN,FP,FN,ERR n1396 m=mym R1:0.8 RXO mbas2:40 11.611 N100 2:401.16.11 M100 2:401.16.11 M100 2:374 0.569 0.961 0.039 0.431 0.130 = 278 1543 62 211 273 #TP,TN,FP,FN,ERR n2094 m=fms R1:0.8:0.6 RXO mbas 2:401.16.11 M100 3:375 0.548 0.993 0.017 0.452 0.123 = 279 1558 27 230 257 #TP,TN,FP,FN,ERR n2094 m=mkk R1:0.8:0.6 RXO mbas 3:376 0.556 0.996 0.032 0.424 0.128 = 295 1532 50 217 267 #TP,TN,FP,FN,ERR n2094 m=mkc R1:0.8:0.6 RXO mbas 2:401.16.11 M100 2:401.16.11 mbas21401.161.N100
3397 0.523 0.949 0.051 0.477 0.163 = 383 1954 106 349 455 #TP,TN,FP,FN,ERR N2792 m=mko R1:0.8:0.6:0.4 RXO mbas21401.161.N100
3399 0.545 0.949 0.051 0.477 0.163 = 383 1954 106 349 455 #TP,TN,FP,FN,ERR N2792 m=mko R1:0.8:0.6:0.4 RXO mbas21401.161.N100
3399 0.545 0.950 0.050 0.455 0.148 = 367 2013 106 306 412 #TP,TN,FP,FN,ERR N2792 m=mmt R1:0.8:0.6:0.4 RXO 3399 0.540 0.950 0.050 0.460 0.152 = 373 1996 105 318 423 #TP,TN,FP,FN,ERR N2792 m=mnh R1:0.8:0.6:0.4 RXO 3399 0.530 0.530 0.330 3353 0.653 0.983 0.017 0.347 0.085 = 188 1089 19 100 119 #TD,TN,FP,FN,ERR n1396 m=fms R1:0.8 RXO mbas2:40 mbas2:40 mbas2:40 cat > \$f.dat <<EOF 0.549 0.969 0.031 0.451 0.129 = 269 1555 49 221 270 #TP,TN,FP,FN,ERR n2094 m=fhs R1:0.8:0.6 RXO mbas 2:40:1.6:1 N100 3:379 0.575 0.964 0.036 0.425 0.129 = 290 1533 57 214 271 #TP,TN,FP,FN,ERR n2094 m=mym R1:0.8:0.6 RXO mbas 2:40:1.6:1 N100 mbas2:40: RX0 RX0 RX0 :1.6:1 N100 3356 0.616 0.986 0.014 0.384 0.094 = 186 1079 15 116 131 #TP,TN,FP,FN,ERR n1396 m=mmt R1:0.8 3354 0.622 0.989 0.011 0.378 0.091 = 189 1080 12 115 127 #TP,TN,FP,FN,ERR n1396 m=mkk R1:0.8 3.1.6:1 N100 3355 0.631 0.980 0.020 0.369 0.095 = 190 1073 22 111 133 #TP,TN,FP,FN,ERR n1396 m=mko R1:0.8 n1396 25 99 124 #TP,TN,FP,FN,ERR 0.629 0.980 0.020 0.371 0.095 #mean TP IN FP FN ERR $0.341 \ 0.089 = 191 \ 1081$ t > \$f.dat <<EOF f=tmp/SV-R108 :1.6:1 N100 1.6:1 N100 3373

"" using 0:4 w lp lt 1 lw

```
RXO mbas2:40:1.6:1 N100
322 0 0.488 0.957 0.043 0.514 0.162 = 429 2495 113 453 566 #TP, TN,FP,FN,ERR N3490 m=mnh R1:0.8:0.6:0.4:0.2
RXO mbas2:40:1.6:1 N100
3421 0.4957 0.960 0.040 0.503 0.158 = 443 2495 103 449 552 #TP,TN,FP,FN,ERR N3490 m=mym R1:0.8:0.6:0.4:0.2
RXO mbas2:40:1.6:1 N100
3422 0.495 0.961 0.039 0.505 0.159 #mean TP TN FP FN ERR
                                                                                                                                                                                                                RXO mbas2:40:1, 6:1 N100

RXO mbas2:40:1, 6:1 N100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0.468 0.982 0.018 0.532 0.156 = 88 501 9 100 109 #TP,TN,FP,FN,ERR n698 m=fms R0.8 RXO mbas2:40:1.6:1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            mbas2:40:1.6:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0.428 0.978 0.022 0.572 0.186 = 89 479 11 119 130 #TP,TN,FP,FN,FRR n698 m=mnh R0.8 RXO mbas2:40:1.6:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      cat > $f.dat <<EOF
0.415 0.972 0.028 0.585 0.188 = 83 484 14 117 131 #TP,TN,FP,FN,ERR n698 m=fhs R0.6 RXO mbas2:40:1.6:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 = 87 489 8 114 122 #TP,TN,FP,FN,ERR n698 m=fms R0.6 RX0 mbas2:40:1.6:1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0.461 0.978 0.022 0.539 0.165 = 89 494 11 104 115 #TP,TN,FP,FN,ERR n698 m=mnh R0.6 RXO mbas2:40:1.6:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0.455 0.976 0.024 0.545 0.166 = 87 495 12 104 116 #TP,TN,FP,FN,ERR n698 m=fhs R0.8 RXO mbas2:40:1.6:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0.463 0.986 0.014 0.537 0.165 = 93 490 7 108 115 #TP,TN,FP,FN,ERR n698 m=mym R0.8 RXO mbas2:40:1.6:1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       m=mym R0.6 RX0 mbas2:40:1.6:
                                                                                                                                                                                   = 448 2500 98 444 542 #TP, TN, FP, FN, ERR n3490 m=fhs R1:0.8:0.6:0.4:0.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ļ,
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set xids ('HES' 0, 'TMS' 1, 'mKK' 2, 'mKO' 3, 'mMT' 4, 'mNH' 5, 'mYM' 6, 'mean' 7)
set term postsoript eps enhanced color; set output "$f.eps";
plot [1]:0.7] "$f.dat" using 0:3 w lp lt 1 lw 2 pt 8 lc rgb "blue" t "FP", "" using 0:4 w :
0 lc rgb "green" t "WFW, "" using 0:5 w lp lt 1 lw 2 pt 6 lc rgb "red" t "ERR"
set term tglf; set output "$f.cbg".replot
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        3425 set xtics ('fHS' 0, 'fMS' 1, 'mKK' 2, 'mKO' 3, 'mMT' 4, 'mNH' 5, 'mYM' 6, 'mean' 7)
3426 set term postsorript eps enhanced color; set output "$f.eps";
3427 plot [1]:0,7] "$f.edx" using 0:3 w lp lt 1 lw 2 pt 8 lc rgb "blue" t "FP", "" using 0:4 w
2 pt 10 lc rgb "green" t "FM', "" using 0:5 w lp lt 1 lw 2 pt 6 lc rgb "red" t "ERR"
3428 set term tgif; set output "$f.ob]";replot
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            = 92 477 20 109 129 #TP, TN, FP, FN, ERR n698 m=mko R0.8 RX0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0.173 = 89 488 7 114 121 #TP,TN,FP,FN,ERR n698 m=mmt R0.8 RX0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0.497 0.975 0.025 0.503 0.150 = 91 502 13 92 105 #TP, TN, FP, FN, ERR n698 m=mmt
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0.446 0.984 0.016 0.554 0.173 = 91 486 8 113 121 #TP,TN,FP,FN,ERR n698 m=mkk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         m=mkk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               , mXM, 6,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0.183 = 88 482 13 115 128 #TP, TN, FP, FN, ERR n698
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     = 97 484 9 108 117 #TP,TN,FP,FN,ERR n698
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               'mNH' 5,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          'mKO' 3, 'mMT' 4,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0.451 0.979 0.021 0.549 0.172 #mean TP IN FP FN ERR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0.450 0.978 0.022 0.550 0.173 #mean TP IN FP FN ERR
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set xtics ('fHS' 0, 'fMS' 1, 'mKK' 2,</pre>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          gv $f.eps&
######################## single
                                                                                                                                                                              0.155
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0.458 0.960 0.040 0.542 0.185
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                                                               3412 # 3412 # 3413 f=tmp/SV-R108642
3413 f=tmp/SV-R108642
3414 cat > $f.dat <<EOF
3415 0.502 0.962 0.038 0.498
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0.438 0.986 0.014 0.562
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          cat > tmp/tmp.plt << EOF
gnuplot tmp/tmp.plt
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        gnuplot tmp/tmp.plt
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       f=tmp/SV-R8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        f=tmp/SV-R6
                                      gv $f.eps&
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N100
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readmecan2mspeech.txt Jun 19 2021 08:15:37

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1t 1
         using 0:4 w lp lt 1 lw
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    "" using
7 set term postscript eps enhanced color; set output "$f.eps";

B plot [|[:0,7] "$f.dat" using 0:3 w lp lt 1 lw 2 pt 8 lc rgb "blue" t "Fp", ""

10 lc rgb "green" t "Fp", "" using 0:5 w lp lt 1 lw 2 pt 6 lc rgb "red" t "ERR"

3 set term tgif; set output "$f.obj",replot
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3524 set term postscript eps enhanced color; set output "$f-RPA.eps";
3525 plot [][0.3:1] "$f-RP.dat" using 0:2 w lp lt 1 lw 2 pt 8 lc rgb "blue" t "P",
lw 2 pt 10 lc rgb "green" t "R", "" using 0:3 w lp lt 1 lw 2 pt 6 lc rgb "red" t "A"
3526 set term tgif; set output "$f-RPA.obj";replot
3527 quit
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ###Recall and precision
for R in 10 8 6 4 2 ;do
f=tmp/SV-R${R}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          gnuplot tmp/tmp.plt
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  $f.eps&
                                        FOF
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3512
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Jun 19 2021 08:15:37

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:mmt:mnh:mym
3620 0.426 0.962 0.038
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3603 0.47
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3604 0.46
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3529 gnuplot tmp/tmp/tmp.plt
3529 gnuplot tmp/tmp.plt
3530 gv $f=PR.epsex
3531 gv $f=RPR.* ~ ~ /18iconip/iconip18speech/draft
3532 gv $f=RPR.* ~ ~ /18iconip/iconip18speech/draft
3532 gv $f=RPR.* ~ ~ /18iconip/iconip18speech/draft
3534 done
3535 for R in 10 8 6 4 2 /do
3536 for R in 10 8 6 4 2 /do
3537 echo -n "$f "; tail -1 $f=RP.dat
3539 done
3539 tmp/SV-R8 0.449 0.891 #mean for NR=6
3541 tmp/SV-R8 0.449 0.891 #mean for NR=6
3542 tmp/SV-R8 0.449 0.891 #mean for NR=6
3544 tmp/SV-R8 0.449 0.891 #mean for NR=6
3545 cat > tmp/SV-R8 0.449 0.892 #mean for NR=6
3545 cat > tmp/SV-R8 0.449 0.172 = 215 971 34 212 246 #TP,TN,FP,FW,ERR n1432 m=fhs R0.8:0.6@0.4:0.2 RXO
3549 0.503 0.047 0.537 0.183 = 184 986 49 213 262 #TP,TN,FP,FW,ERR n1432 m=fhs R0.8:0.6@0.4:0.2 RXO
3550 0.443 0.955 0.045 0.526 0.181 = 192 981 46 213 259 #TP,TN,FP,FW,ERR n1432 m=mk R0.8:0.6@0.4:0.2 RXO
3551 0.443 0.955 0.045 0.526 0.181 = 192 981 46 213 259 #TP,TN,FP,FW,ERR n1432 m=mk R0.8:0.6@0.4:0.2 RXO
3551 0.474 0.955 0.045 0.526 0.181 = 192 981 46 213 259 #TP,TN,FP,FW,ERR n1432 m=mk R0.8:0.6@0.4:0.2 RXO
3551 0.474 0.955 0.045 0.526 0.181 = 192 981 46 213 259 #TP,TN,FP,FW,ERR n1432 m=mk R0.8:0.6@0.4:0.2 RXO
3552 0.411 0.110 0.049 0.529 0.182 = 186 986 51 209 260 #TP,TN,FP,FW,ERR n1432 m=mk R0.8:0.6@0.4:0.2 RXO
3552 0.411 0.151 N100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    mbas2:40:11.6:1 M100

3553 0.446 0.972 0.028 0.554 0.175 = 178 1004 29 221 250 #TP, TN,FP,FN,ERR n1432 m=mnh RO.8:0.6@0.4:0.2 RX

3554 0.431.0:10 0.006 0.034 0.569 0.183 = 172 998 35 227 262 #TP,TN,FP,FN,ERR n1432 m=mym RO.8:0.6@0.4:0.2 RXO

mbas2:40:11.6:11 M100

3555 0.462 0.960 0.040 0.538 0.182 #mean TP TN FP FN ERRALro@kurclab-VB:-/sotu/2017/can2b$
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                3581 cat .../12voicedatea_ueki_all_q/oob4sd-result.dat

3582 0.63 067 0.033 0.369 0.102 = 183 1070 36 107 143 #TP,TN,PP,FN,ERR n1396 m=fhs R1:0.8 S:fhs:fms:mk

k:mko:mmt:mhh:mym

3583 0.639 0.977 0.023 0.361 0.093 = 184 1082 26 104 130 #TP,TN,FP,FN,ERR n1396 m=fms R1:0.8 S:fhs:fms:mk

k:mko:mmt:mhh:mym

3584 0.625 0.976 0.024 0.375 0.100 = 190 1066 26 114 140 #TP,TN,FP,FN,ERR n1396 m=mkk R1:0.8 S:fhs:fms:mk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0:1.6:1 N100
352 0.479 0.962 0.038 0.521 0.168 = 185 1006 40 201 241 #TP,TN,FP,FN,ERR n1432 m=mmt R0.8:0.6 RXO mbas2:
40:1.6:1 N100
3563 0.459 0.952 0.048 0.541 0.186 = 184 981 50 217 267 #TP,TN,FP,FN,ERR n1432 m=mnh R0.8:0.6 RXO mbas2:4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            K:mko:mmt:mnh:mym
3585 0.591 0.971 0.029 0.409 0.111 = 178 1063 32 123 155 #TP,TN,FP,FN,ERR n1396 m=mko R1:0.8 S:fhs:fms:mk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  k:mko:mmt:mxh:mym
3586 0.626 0.963 0.037 0.374 0.110 = 189 1053 41 113 154 #TP,TN,FP,FN,ERR n1396 m=mmt R1:0.8 S:fhs:fms:mk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 K:mko:mmt:mnh:mym
3587 0.568 0.964 0.036 0.432 0.123 = 175 1049 39 133 172 #TP,TN,FP,FN,ERR n1396 m=mnh R1:0.8 S:fhs:fms:mk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0.963 0.037 0.545 0.182 #mean TP TN FP FN ERRKuro@kurolab-VB:~/sotu/2017/can2b$ kuro@kurolab-V
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  $dq
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0.408 0.971 0.029 0.592 0.188 = 165 998 30 239 269 #TP,TN,FP,FN,ERR n1432 m=mym RO.8:0.6 RX0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  -mbas $mbas -dir
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    3579 cmd="python oob4speakerdigit+sx_20180602.py -sp $S -tx $D -L $L -R $R -k 36 -1 -N ${N} -sx ${sx}. cmd = 3580 sx=-1.a=1.6:b=300:N=30;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              sX=-1;a=1.6;b=300;N=40;
sX=-1;a=1.6;b=40;N=40; #for short time check
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          D=zero:ichi:ni:san:si:go:roku:nana:hachi:kyu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         dn=${d1}_n; mkdir -p $dn #normalized
dm=${d1}_m; mkdir -p $dm #mixed signal
dq=${d1}_q; mkdir -p $dq #pole new
sX=1,a=1.6; b=300;Nu30;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   R=1:0.8 #1:0.8:0.6 #1:0.8:0.6:0.4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      S=fhs:fms:mkk:mko:mmt:mnh:mym
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                dl=../12voicedata_ueki_all;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          L=1:2:3:4:5:6:7:8:9:10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 mbas=2:${b}:${a}:1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                3565 0.455 0.963 CB:~/sotu/2017/can2b$
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0:1.6:1 N100
```

readmecan2mspeech.txt

3589 0.613 0.970 0.030 0.387 0.107 #mean TP TN FP FN ERR 3590 #cat ../12voicedata_ueki_all_q/oob4sd-result.dat|awk 'BEGIN{n=0;TP=TN=FP=FN=ERR=0}{n++;TP+=\$1;TN+=\$2;FN+=\$4;ERR+=\$4;ERR+=\$5]END{pxintf("%.3f %.3f %.3f %.3f #.3f #mean TP TN FP FN ERR\n",TP/n,TN/n,FP/n,FN/n,ERR/n)}, :mmt:mmh:mym 3612 0.420 0.951 0.049 0.580 0.205 = 86 469 24 119 143 #TD,TN,FP,FN,ERR n698 m=mkk R0.6 S:fhs:fms:mkk:mko :mmt:mmh:mym 3821 0.382 0.946 0.054 0.618 0.232 = 84 452 26 136 162 #TD,TN,FP,FN,ERR n698 m=mko R0.4 S:fhs:fms:mkk:mko :munh:mnh:mym 3622 0.468 0.951 0.049 0.532 0.179 = 88 485 25 100 125 #TP,TN,FP,FN,ERR n698 m=mmt R0.4 S:fhs:fms:mkk:mko :mmt:mmh:mym 3628 0.416 0.948 0.052 0.584 0.206 = 84 470 26 118 144 #TP,/TN,FP,FN,ERR n698 m=mkk R0.2 S:fhs:fms:mkk:mko :mmh:mmh 3632 0.460 0.936 0.064 0.540 0.199 = 91 468 32 107 139 #TP,TN,FP,FN,ERR n698 m=mym R0.2 S:fhs:fms:mkk:mko 0.463 0.958 0.042 0.537 0.185 = 93 476 21 108 129 #TP,TN,FP,FN,ERR n698 m=mko R0.8 S:fhs:fms:mkk:mko 0.433 0.945 0.055 0.567 0.208 = 90 463 27 118 145 #TP,TN,FP,FN,ERR n698 m=mnh R0.8 S:fhs:fms:mkk:mko 0.480 0.968 0.032 0.520 0.172 = 96 482 16 104 120 #TP,TN,FP,FN,ERR n698 m=fhs R0.6 S:fhs:fms:mkk:mko :mmt:mmh:mym 3611 0.483 0.958 0.042 0.517 0.179 = 97 476 21 104 125 #TP/TW/FP/FN/ERR n698 m=fms R0.6 S:fhs:fms:mkk:mko :mmh:mph:mym 3613 0.488 0.949 0.051 0.512 0.191 = 103 462 25 108 133 #TP,TN,FP,FN,ERR n698 m=mko R0.6 S:fhs:fms:mkk:mk o:mmt:mym 3614 0.514 0.940 0.060 0.486 0.172 = 94 484 31 89 120 #TP,TN,FP,FN,ERR n698 m=mmt R0.6 S:fhs:fms:mko: 3618 0.455 0.944 0.056 0.545 0.198 = 92 468 28 110 138 #TP,TN,FP,FN,ERR n698 m=fhs R0.4 S:fhs:fms:mkk:mko :mmt:mnh:mym 3619 0.411 0.946 0.054 0.589 0.209 = 83 469 27 119 146 #TP/TN/FP/FN/ERR n698 m=fms R0.4 S:fhs:fms:mkk:mko 0.574 0.195 = 87 475 19 117 136 #TP,TN,FP,FN,ERR n698 m=mkk R0.4 S:fhs:fms:mkk:mko 0.411 0.967 0.033 0.589 0.185 = 78 491 17 112 129 #TP,TN,FP,FN,ERR n698 m=mnh R0.4 S:fhs:fms:mko :mmt:mmh:mym 3624 0.411 0.955 0.045 0.589 0.193 = 78 485 23 112 135 #TP,TN,FP,FN,ERR n698 m=mym R0.4 S:fhs:fms:mkk:mko 0.460 0.942 0.058 0.540 0.196 = 92 469 29 108 137 #TP,TN,FP,FN,ERR n698 m=fhs R0.2 S:fhs:fms:mkk:mko 0.411 0.928 0.072 0.589 0.226 = 86 454 35 123 158 #TP,TW,FP,FW,ERR n698 m=fms R0.2 S:fhs:fms:mkk:mko :mmt:mnh:mym 3629 0.441 0.935 0.065 0.559 0.209 = 90 462 32 114 146 #TP,/TN,FP,FN,ERR n698 m=mko R0.2 S:fhs:fms:mkk:mko 0.455 0.945 0.055 0.545 0.189 = 87 479 28 104 132 #TP, TN, FP, FN, ERR n698 m=mnh R0.2 S:fhs:fms:mkk:mko mnh:mym 3598 0.980 0.973 0.027 0.020 0.026 = 97 583 16 2 18 #TP,TN,FP,FN,ERR n698 m=mmt Rl S:fhs:fms:mkk:mko:mmt: 0.461 0.980 0.020 0.539 0.172 = 94 484 10 110 120 #TP,TN,FP,FN,ERR n698 m=mkk R0.8 S:fhs:fms:mkk:mko :mmh:mmh:mym 3606 0.443 0.982 0.018 0.557 0.175 = 90 486 9 113 122 #TP,TN,FP,FN,ERR n698 m=mmt R0.8 S:fhs:fms:mkk:mko: 0.488 0.948 0.052 0.512 0.185 = 98 471 26 103 129 #TP,TM,FP,FN,ERR n698 m=mym R0.8 S:fhs:fms:mkk:mko 0.477 0.954 0.046 0.523 0.178 = 92 482 23 101 124 #TP,TN,FP,FN,ERR n698 m=mnh R0.6 S:fhs:fms:mko 0.414 0.935 0.065 0.586 0.216 = 84 463 32 119 151 #TP,TN,FP,FN,ERR n698 m=mym R0.6 S:fhs:fms:mkk:mko :mmt:mmh:mym 3630 0.516 0.931 0.069 0.484 0.183 = 99 471 35 93 128 #TP,TN,FP,FN,ERR n698 m=mmt R0.2 S:fhs:fms:mkk:mko: m=mym R1:0.8 S:fhs:fms:mk cat ../12voicedata_ueki_a11_g/oob4sd-result.dat 0.970 0.982 0.018 0.030 0.020 = 96 588 11 3 14 #TP,TN,FP,FN,ERR n698 m=fhs Rl S:fhs:fms:mkk:mko:mmt: 0.950 0.983 0.017 0.050 0.021 = 95 588 10 5 15 #TP,TN,FP,FN,ERR n698 m=fms R1 S:fhs:fms:mkk:mkc:mmt: 0.920 0.973 0.027 0.080 0.034 = 92 582 16 8 24 #TP,TN,FP,FN,ERR n698 m=mkk R1 S:fhs:fms:mkk:mko:mmt: 0.940 0.975 0.025 0.060 0.030 = 94 583 15 6 21 #TP,TN,FP,FN,ERR n698 m=mnh R1 S:fhs:fms:mkk:mko:mmt: 0.497 0.976 0.024 0.503 0.155 = 95 495 12 96 108 #TP,TN,FP,FW,ERR n698 m=fhs R0.8 S:fhs:fms:mkk:mko: 0.479 0.969 0.031 0.521 0.163 = 90 494 16 98 114 #TP,TN,FP,FN,ERR n698 m=fms R0.8 S:fhs:fms:mkk:mko: 0.950 0.977 0.023 0.050 0.027 = 95 584 14 5 19 #TP,TN,FP,FN,ERR n698 m=mko R1 S:fhs:fms:mkk:mko:mmt: 0.950 0.957 0.043 0.050 0.044 = 95 572 26 5 31 #TP,TN,FP,FN,ERR n698 m=mym R1 S:fhs:fms:mkc:mkc:mmt: 3588 0.608 0.970 0.030 0.392 0.108 = 183 1062 33 118 151 #TP,TN,FP,FN,ERR n1396

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0.625 0.973 0.027 0.375 0.102 #mean TP TN FP FN ERR
0.565 0.959 0.041 0.435 0.125 #mean TP TN FP FN ERF
                                                                                                                                                                                        2:60:1.6:1 N100
                                                                                                                                                                                                                            3681 0.558 0.
2:60:1.6:1 N100
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1.6:1 N200
3689 0.64
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3695 0.629
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:1.6:1 N80
3700 0.61
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3702 0.60
1.6:1 N80
3703 0.62
3704 0.65
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3701 0.6
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3710 0.5
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3708 0.5
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3709 0.5
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3711 0.6
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3718
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3641 python oob4speakerdigit+sx_20180602.py -sp fhs:fms:mkk:mko:mmt:mmh:mym -tx zero:ichi:ni:san:si:go:ro k:nana:sanchi:kyu -L 1:2:345:6778:9:10 -R 1:0.8:0.6 -k 36 -mbas 2:300:1.6:1 -dir .../12voicedata_ueki_all_all_a -B -L N 30 -sx -1 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              3645 0.475 0.9021 0.525 0.145 = 243 1548 34 269 303 #TP,TN,FP,FN,FRR D1094 m=mko R1:0.8:0.6 S:fhs:fm 3:646 0.475 0.908 0.012 0.501 0.125 = 242 1590 19 243 262 #TP,TN,FP,FN,FRR D1094 m=mmt R1:0.8:0.6 S:fhs:fm 3:646 0.988 0.012 0.501 0.125 = 242 1590 19 243 362 #TP,TN,FP,FN,FRR D1094 m=mmt R1:0.8:0.6 S:fhs:fm 3:647 0.976 0.024 0.533 0.146 = 234 1554 39 267 306 #TP,TN,FP,FN,FRR D2094 m=mnh R1:0.8:0.6 S:fhs:fm 3:648 0.477 0.976 0.024 0.528 0.145 = 238 1552 38 266 304 #TP,TN,FP,FN,FRR D1094 m=mnh R1:0.8:0.6 S:fhs:fm 3:648 0.477 0.976 0.024 0.528 0.145 = 238 1552 38 266 304 #TP,TN,FP,FN,FRR D1094 m=mym R1:0.8:0.6 S:fhs:fm
                                                                                                                                                                                                                       3636 0.599 0.985 0.015 0.401 0.099 = 102 10.099 = 102 10.0 158 #TP,TN,FP,FN,ERR n1396 m=mko R1:0.8 S:fhs:fms:mk 3637 0.598 0.966 0.034 0.402 0.113 = 180 1058 37 121 158 #TP,TN,FP,FN,ERR n1396 m=mko R1:0.8 S:fhs:fms:mk
                                                                                                                K:mko:mmt:mmh:mym
3635 0.639 0.980 0.020 0.361 0.090 = 184 1086 22 104 126 #TP,TN,FP,FN,ERR n1396 m=fms R1:0.8 S:fhs:fms:mk
                                                                                                                                                                                   k:mko:mmt:mym
3636 0.599 0.985 0.015 0.401 0.099 = 182 1076 16 122 138 #TP,TN,PP,FN,ERR n1396 m=mkk R1:0.8 S:fhs:fms:mk
                                                                                                                                                                                                                                                                                                                                                                                                                         k:mko:mmt:mmym
3639 0.568 0.969 0.031 0.432 0.120 = 175 1054 34 133 167 #TP,TN,FP,FN,ERR n1396 m=mnh R1:0.8 S:fha:fma:mk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          K:mko:mmt:mmh:mym
3640 0.618 0.982 0.018 0.382 0.097 = 186 1075 20 115 135 #TP,TN,FP,FN,ERR n1396 m=mym R1:0.8 S:fhs:fms:mk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      s:mkk:mko:mmt:mmh:mym
3644 0.499 0.982 0.018 0.501 0.136 = 254 1556 29 255 284 #TP,TN,FP,FN,ERR n2094 m=mkk Rl:0.8:0.6 S:fhs:fm
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0.628 0.985 0.015 0.372 0.089 = 181 1091 17 107 124 #TP,TN,FP,FN,ERR n1396 m=fms R1:0.8 RXO mbas2:60 N100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0.648 0.989 0.011 0.352 0.085 = 197 1080 12 107 119 #TP, TN, FP, FN, ERR n1396 m=mkk R1:0.8 RXO mbas2:60
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                                                                       3634 0.628 0.988 0.012 0.372 0.087 = 182 1093 13 108 121 #TD,TN,FP,FN,ERR n1396 m=fhs R1:0.8 S:fhs:fms:mk
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3656 0.59(
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3657 0.53:
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3658 0.59:
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3667 0.64
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3664 0.61
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3653 0.59
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readmecan2mspeech.txt

3691 0.638 0.981 0.019 0.362 0.093 = 192 1074 21 109 130 #TP,TN,FP,FN,ERR n1396 m=mko R1:0.8 RXO mbas2:40 1.61 1X00 1.562 0.009 0.992 0.008 0.391 0.091 = 184 1085 9 118 127 #TP,TN,FP,FN,ERR n1396 m=mmt R1:0.8 RXO mbas2:40:1.6:1 N200 :1.6:1 N40 3706 0.625 0.984 0.016 0.375 0.095 = 190 1074 18 114 132 #TP/TN/PP/EN ERR N1396 m=mkk R1:0.8 RXO mbas2:40 3707 0.571 0.975 0.025 0.429 0.112 = 172 1068 27 129 156 #TP/TN/FP/FN/ERR N1396 m=mko R1:0.8 RXO mbas2:40 2:60:1.6:1 N100 3:60:1.6:1 N100 3:60:1.6:1 N100 3:60:1.6:1 N100 3:60:1.6:1 N100 3:60:1.6:1 N100 3:60:1.6:1 N100 3:60:1.0:1 N100 3:60:1.6:1 N100 3:60:1 0.627 0.991 0.009 0.373 0.090 = 193 1078 10 115 125 #TP,TN,FP,FN,ERR n1396 m=mnh R1:0.8 RXO mbas2:40 mbas2:40 0.616 0.984 0.016 0.384 0.096 = 186 1076 18 116 134 #TP,TN,FP,FN,ERR n1396 m=mmt R1:0.8 RXO mbas2:40 0.605 0.958 0.042 0.395 0.118 = 182 1049 46 119 165 #TP,TN,FP,FN,ERR n1396 m=mym R1:0.8 RXO mbas2:40 mbas2:40 568 0.980 0.020 0.432 0.109 = 171 1073 22 130 152 #TP,TN,FP,FN,ERR n1396 m=mym R1:0.8 RXO mbas2:40 0.652 0.976 0.024 0.348 0.091 = 189 1080 26 101 127 #TP,TN,FP,FN,FRR n1396 m=fhs R1:0.8 RXO mbas2:40 0.642 0.977 0.023 0.358 0.092 = 185 1083 25 103 128 #TP,TN,FP,FN,ERR n1396 m=fms R1:0.8 RXO mbas2:40 mbas2:40 mbas2:40 0.616 0.984 0.016 0.384 0.096 = 186 1076 18 116 134 #TP,TN,FP,FN,ERR n1396 m=mmt R1:0.8 RXO mbas2:40 0.620 0.972 0.028 0.380 0.105 = 191 1058 30 117 147 #TP,TN,FP,FN,ERR n1396 m=mnh R1:0.8 RXO mbas2:40 0.605 0.958 0.042 0.395 0.118 = 182 1049 46 119 165 #TD,TN,FP,FN,ERR n1396 m=mym R1:0.8 RXO mbas2:40 3683 0.577 0.970 0.030 0.423 0.121 = 280 1561 48 205 253 #TP,TN,FP,FP,FN,ERR n2094 m=mmt R1:0.8:0.6 RXO mbas 0.652 0.984 0.016 0.348 0.085 = 189 1088 18 101 119 #TP,TN,FP,FN,ERR n1396 m=fhs R1:0.8 RXO mbas2:40 m=fhs R1:0.8:0.6 RX0 mbas 0.577 0.970 0.030 0.423 0.122 = 282 1557 48 207 255 #TP,TN,FP,FN,ERR n2094 m=fms R1:0.8:0.6 RXO mbass 0.558 0.974 0.026 0.442 0.127 = 284 1544 41 225 266 #TP,TN,FP,FN,ERR n2094 m=mkk R1:0.8:0.6 RX0 mbas 0.588 0.962 0.038 0.412 0.129 = 301 1522 60 211 271 #TP,TN,FP,FN,ERR n2094 m=mko R1:0.8:0.6 RX0 RX0 RX0 RX0 0.620 0.972 0.028 0.380 0.105 = 191 1058 30 117 147 #TP,TN,FP,FN,ERR n1396 m=mnh R1:0.8 RX0 0.635 0.986 0.014 0.365 0.086 = 183 1093 15 105 120 #TP,TN,FP,FN,ERR n1396 m=fms R1:0.8 RX0 0.596 0.990 0.010 0.404 0.095 = 180 1083 11 122 133 #TP,TN,FP,FN,ERR n1396 m=mmt R1:0.8 RX0 0.628 0.974 0.026 0.372 0.101 = 189 1066 29 112 141 #TP,TN,FP,FN,ERR n1396 m=mko R1:0.8 RX0 642 0.991 0.009 0.358 0.081 = 185 1098 10 103 113 #TP,TN,FP,FN,ERR n1396 m=fms R1:0.8 0.622 0.989 0.011 0.378 0.091 = 189 1080 12 115 127 #TP,TN,FP,FN,ERR n1396 m=mkk R1:0.8 0.615 0.989 0.011 0.385 0.092 = 185 1083 12 116 128 #TP,TN,FP,FW,ERR n1396 m=mym R1:0.8 0.629 0.988 0.012 0.371 0.089 #mean TP TN FP FN ERRO 0.652 0.976 0.024 0.348 0.091 = 189 1080 26 101 127 #TP,TN,FP,FN,ERR n1396 m=fhs R1:0.8 0.642 0.977 0.023 0.358 0.092 = 185 1083 25 103 128 #TP,TN,FP,FN,ERR n1396 m=fms R1:0.8 0.609 0.970 0.030 0.391 0.109 = 185 1059 33 119 152 #TP,TN,FP,FN,ERR n1396 m=mkk R1:0.8 0.628 0.974 0.026 0.372 0.101 = 189 1066 29 112 141 #TP,TN,FP,FN,ERR n1396 m=mko R1:0.8 0.625 0.973 0.027 0.375 0.102 #mean TP TN FP FN ERR 0.655 0.982 0.018 0.345 0.086 = 190 1086 20 100 120 #TP,TN,FP,FN,ERR n1396 m=fhs R1:0.8 584 0.967 0.033 0.416 0.117 = 180 1052 36 128 164 #TP,TN,FP,FN,ERR n1396 m=mnh R1:0.8 m=mkk R1:0.8 n2094 0.609 0.970 0.030 0.391 0.109 = 185 1059 33 119 152 #TP,TN,FP,FN,ERR n1396 0.555 0.971 0.029 0.445 0.127 = 272 1557 47 218 265 #TP,TN,FP,FN,ERR 3686 0.566 0.970 0.030 0.434 0.126 #mean TP IN FP FN ERR 0.605 0.981 0.019 0.395 0.100 #mean TP IN FP FN ERR

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```
3942 #20180531 short exp
3943 #poledistribv2 sp:fhs tx:zerol N:24 k:8 m:poles4 dir:/media/sf_C_DRIVE/cdata/kurolab/data/12voicedat
a_ueki/12voicedata/zero rsa:2:0.7:1:20 DISP:1 DiffMode:0 tt:0:400 T:100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          dirp=${dir}p
cmd="mkpoleptv2 sp:${sp} tx:${tx} k:8 Np:24 dir:tmp dir2:${dir} data:${dirp} rsa:2:20 tt:0:400 nt:18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  #dirz=..../2012/12voicedata/allpole fake
#############for simply check the program with two speakers
cmd="cookspeakerdigit+sk_2018 sp:fins:fms tx:zero:ichi ntxi:9 k:36 mbas:%mbas dir:$dir1 dir2:$dir2 s:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     cmdl="cat ${dir1}/oob4s:-1N${N}mbas${mbas}sx${sx}.ystat" ##cmdl="cat ${dir1}/oob4s:-1N${N}mbas2:300:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                tx=zero:ichl:nl:san:si:go:roku:sichl:hachl:kyu:rel:yon:nana:ku
dir=-,...(2012)12vocedata/zero #件(目分ののフォルタの構造に合わせて設定すべし!
dir=/media/#EC_DRIVE/cdata/kurolab/data/l2voicedata_ueki/12voicedata/sero
cmd="poledistribv2 sp:$(sp) tx:$(tx} N:24 k:8 m:poles4 dir:${dir} raa:2:0.7:1:20 DISP:1 DiffMode:0
              cmd="python speechmix.yv -y0 $dn/${s1-$-${d2}}${12}-R${r}$
cmd="python speechmix.yv -y0 $dn/${s1-$-${d1}}.dat -y1 $dn/${s2}-${d2}${12}.dat -r $r"
cmd="python speechmix.yv -y0 $dn/${s1-$-${d1}}.dat
cmd1="python speechmix.yv -y0 $dn/${s1-$-${d1}}.dat
-r $r"
cmd1="poledistribv2+ s1-${s1} N:24 R:8 m:poles4 dir:${dm} rsa:2:0.7:1:20 DiffMode:0 tt:0:400
                                                                                                                      nt:18
                                                                                                                  cmd2="mkpoleptv2+ st:$sm k:8 Np:24 dir:tmp dir2:${dm} dout:${dp} rsa:2:20 tt:0:400
                                                                                                                                                                                                                                                                                                                                                                                #20140502 at mesaho
pair.datに基準となるデータとランダムに選んだデータの
アンを書き込んでいる。
0.5°0.9のフォルダには基準となるデータをa=0.5°0.9倍したデータと
ランダムに選んだデータを1-a倍して足し合わせたデータをそれぞれ入れている。
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            クトリにあった
存した
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              dir1=../../2012/12voicedata/allpole
dir2=/media/sf_D_DRIVE/cdata/kurolab/data/20180206onsei/0.9/allpole
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       #(0) 12voicedataの音声ファイルはkurolab2の植木君のディレー
# http://home/kuro/sotu/2012/12voicedata_ueki.7zに保:
#(1) 1,2,3,...の極を抽出する
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Kurogi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        δ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      from Tagomori, modified
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /2012/12voicedata/allpole_fake
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         #(2) この極配置をベクトル化する
5; do
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           dir1=../12voicedata/allpole
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  sp=fhs:mkk:mko:mmt:mnh:mym
                                                                                                                                                      echo "$cmd2"; $cmd2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           #########DGmori's PC
                                                                                                    echo "$cmd1"; $cmd1
  'n
                                                                                                                                                                       cmd="cp tmp/q.dat
make data-clean
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      #########################
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     sX=-1;a=1.6;b=300;N=40;
sX=-1;a=1.6;b=300;N=30;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ######### PC
for 12
                                                                                                                                                                                                         done;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             dir2=../0.9/allpole
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           mbas=2:${b}:${a}:1
                                                                                                                                                                                                                           done;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         make data-clean
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         echo $cmdl;$cmdl
                                                                                                                                                                                                                                             Ę.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          nr:2 r_max:2"
3949 $cmd
3950 #short exp
                                                                                                                                      r_max:2 DISP:1"
3884 # ech
3885 # cmd
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              20171124
                                                                                                                                                                                                                                                                                                               done;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1.6:1sX-1.ystat
                3878 #
3879 #
3880 #
:100 DISP:1"
3882 #
3883 #
                                                                                                                                                                                                                                                                                                                               #done;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       E:0:400 T:100"
                                                                                                                                                                                                                                                                                                                                                  #date
                                                                                                                                                                                       3923
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3928
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```

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3984 cmd="cob949peakerdigit+sX sp:fhs:fms:mkk:mko:mmt:mmh:mym tx:zero:ichi:ni:san:yon:go:roku:nana:hachi:ky vmtxi:lo (8:36 mbas 2:3{b};{a}:1 dir:../../2012/12/ocicedata/allpole s:-1 N:\${N}\$ sx:\${sx}."

3985 echo \$cmd!time \$cmd
3986 0.920 0.967 0.033 0.080 11.6196-04 700 6 #TP.TN.FP.FN.ERR, n.sm6 for check.
3987 #result in "..././2012/12/ocicedata/allpole/cob4s.-LH/dhmbas2.3001.6:1sX-1.y* and '..././2012/12/ocicedata/allpole/cob4s.-LH/dhmbas2.3001.6:1sX-1.y* and '..././2012/12/ocice
3988 0.920 0.957 0.033 0.080 1.6198-04 700 6 #TP.TN.FP.FN.ERR, n.sm6 for check.
3988 0.920 0.957 0.033 0.080 1.6198-04 700 6 #TP.TN.PP.FN.ERR, n.sm6 for check.
3989 #result in '..././2012/12/ocicedata/allpole/cob4s:-LN/dhmbas2:3001.6:1sX-1.y* and '...//2012/12/ocicedata/allpole/cob4s:-LN/dhmbas2:3001.6:1sX-1.y* and '...//2012/12/ocicedata/allpole/cob4s:-LN/dhmbas2:30 3952 #mkpoleptv2 calles
3953 #mkpoleptv2 calles
3953 #mkpoleptv1 sp:fhs tx:zerol k:8 N:24 dir:tmp data:/media/sf_C_DRIVE/cdata/kurolab/data/12voicedata_u
eki/12voicedata/zerop rsa:2:20 tt:0:3170 nt:18 nr:2 r_max:2.000000 > /dev/null 3977 dira=../../2012/12voicedata/allpole 3988 cmd="oobspeakerdig1t+ sp:fhs:fms:mkk:mko:mmt:mmh:mym tx:zero:ichi:ni:san:yon:go:roku:nana:hachi:kyu ntxi:10 k:36 mbas:2:300:1.6:1 dir:\$dira s:-1 N:40";\$cmd 3980 cmd="oobdspeakerdigit+ sp:fhs:mks:mkc:mmt:mnh:mym tx:zero:ichi:ni:san:yon:go:roku:nana:hachi:kyu ntxi:10 k:36 mbas:2:300:1.6:1 dir:\$dira d:-1 N:40";\$cmd DiffMode: 0 t cmd="mkpoleptv2 sp:\${sp} tx:\${tx} k:8 Np:24 dir:tmp dir2:\${dir} data:\${dir} rsa:2:20 tt:0:400 nt:18 ../../2012/12voicedata/iconip14data/oob4 שאים #mkpoleptv2 sp:fhs tx:zerol k:8 Np:24 dir:tmp dir2:/media/sf_c_DRIVE/cdata/kurolab/data/l2voicedata_ ueki/l2voicedata/zero data:/media/sf_c_DRIVE/cdata/kurolab/data/l2voicedata_ueki/l2voicedata/zerop rsa:2:20 tt:0:400 nt:18 nr:2 r_max:2 #see $\lceil 20140502$ at mesaho] for oob4speakerdigit+sX to make .../.2012/12voicedata/iconip14data/oob4 $\#cmd="poledistribv2\ sp:\$\{sp\}\ tx:\$\{tx\}\ N:24\ k:8\ m:poles4\ dir:\$\{dir\}\ rsa:2:0.7:1:20\ Disp:1\ DiffMode:0.7:1:10.12$ tx=daigakul:daigaku2 #daigaku involves daigakul:daigaku2:daigaku3:daigaku4:daigaku5 # dir=.../can2_voicedata/09voicedata/daigaku ##←自分のpcのフォルダの構造に合わせて設定すべし:# フォルダ../can2_voicedataはは # http://kurolab.cntl.kyutech.ac.jp/-kuro/sotu/2012/can2_volcedata,7zを脈弾したもの # 所々kturolab2 + パの former/mineiahi/can2dataを圧縮したもの (can3bの中型状やし 炎 犬 る) cma-2poledistribv2 sp:気(spt. 12) tr:気(txt. 12) tr:気(txt. 12) tr:3(txt. 12) t sp=fns:mhk #09voicedata has fns:mhk:mhy:mkh:mmo:msm:mss:mtn:mwk:mym tx=dadigakul:daigaku2 #daigaku has daigaku1:daigaku2:daigaku3:daigaku4:daigaku5 dir=:,/can2_voicedata/09voicedata/daigaku #09voicedata involves fns:mhk:mhy:mkh:mmo:msm:mss:mtn:mwk:mym 20171122 #(0) 極配置ペクトルを作るプログラムの詳細は、readme-mineishi.txtを参照のこと #(1) 極を抽出する (5) oob4speakerdigit+sX: 名品者の zero,...,kyuの 特徴ペクトルvec{q} (極配置 ベクトル)を入力し、 CANZ^(S)の出力ベットルv(S)を求めるプログラム CANZ^(S)の出力ベットル(?)には入力と出力のベアが保存されてるはず この出力ファイル(?)には入力と出力のベアが保存されてるはず (3) 話者認識実験をする cmd="loo4sprecogv1 sp:%{sp} tx:%{tx} k:36 N:20 dir:\${dirp} rsa:2:0.7:1:20" rsa:2:0.7:1:20 のオプションの説 #see [20140502 at mesaho] for oob4speakerdigit+sX to make (5) 話者認識・数字認識実験をする cmd="loo4sprecogyl sp:\${sp} tx:\${tx} k:36 N:20 dir:\${dirp} (4) dirpの -p.datファイルをallpoleディレクトリに保存 cp \${dirp}/*-p.dat ../2012/12voicedata/allpole/ #[0] sh/iconip16exp1.sh (speakerdigit_v8.cを使用) ₩ #20160515 ICONIP2016の整 s:-IN40mbas2:300:1.6:1sx\${\$x\$\, y} 3983 a=1.6:b=300:N=40:sx=-1 3984 cmd="oob4speakerdigit+sx ###hew(5),(6) tt:0:400 T:100 DISP:0" sp=fns:mhk 4006 #(2) % 6
4006 #(2) % 6
4008 tx=daiga
4009 dir=../c
4010 dirp=\$\(\epsilon\) 6
4011 cmd="mkg
nr:2 x_max:2"
4012 \$\(\epsilon\) 6
4012 \$\(\epsilon\) 6
4013 \$\(\epsilon\) 6 #old(5) T:100 (9) t:0:400 3955 3956 3957 3958 3960 3961 3962 3970 3971 3972 3973 3974 3975 3977 3977 33991 339993 339994 339996 44000 40000 3982 4002 4003 4014 4015 4016 4017 4018 3964 3966 3967 3968 4004

```
(13) 上の前では、全の配くに対している。 13.50113.5000 第40 日本のでは、13.5000 上のでは、13.5000 
                                                                                                                                                                                                                                                                                                                                 : 指定話者の出現パターンをT20(非指定話者100の後、20:50,15:50,10:50,5:50を繰り返す)と
                                                                                                                                                                                                                                                                                                                                                                                             g-GBB1(gibbs:1:1:0.3:500)とg-B1(gibbs:1:0.25:0)をそれぞれ行う.
手順2-2 (テスト):指定話者の出現パターンをL11(10:30の繰返),L12(20:30の繰返)、L13(30:30),L14(5:30)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               export fpg=../result-speakerdetect/iconipl6post_gibbs:1:1:0.3:500L50tr38u2td4/ProbDistSpeaker
rm f nohup.out.nohup.s h.~gecu/2015/can2b/sh/iconipl6post.sh gibbs:1:1:0.3:500 L12 3 2 4& #9-GBBI,
he finish, tail -9 nohup.out
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     L15(15:30の繰返)としg-GEBI(gibbs:1:1:0.3:500)とg-BI(gibbs:1:0.25:0)で行い、その
                                                            ####################
                                   20161104
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      the
```

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```
tail -9
                              finish,
                                                                                                                  4250
4251
4251
4253
4254
4255
4255
4255
4255
                                                                                                                                                                                                                                                                                                                                                                                  ###export fpg=../result-speakerdetect/iconipl@expl+_gibbs:1:1:0.3:100L10tr3Su2td4/ProbDistSpeaker ###rm -f nohup.out/nohup sh ~/sotu/2015/can2b/sh/iconipl@post.sh gibbs:1:1:0.3:500 L13 3 2 4& #g-GEB
                                                                                                                                                                                                                                                                                                                                                                          # C0 C3 N #Confusion Matrix using undecidable (1976) N #Confusion Matrix using undecidable (1976) N #Confusion Matrix using undecidable (1976) N #Confusion Collos notable rected/nocla11=1187865/1575000=0.754 (1976) N #Confusion N #Confusio
                                                                                                                                                                                                                                                                                                                                                          the finish, tail -9 nohup.out
                                                                                                                                                                                                                                                                                      ####g-GEBI with fpg for L13
```

246 ###xm nohup.out.nohup sh ~/sotu/2015/can2b/sh/iconipl6post.sh gibbs:1:0.25:0 L11 3 2 4& #g-BL, after e finish, tail -9 nohup.out

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```
###rm nohup.out;nohup sh \sim/sotu/2015/can2b/sh/iconip16exp1+.sh gibbs:1:0.25:0 L12 3 2 4& #g-BI, afte
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ####-GEBI is better than above g-BI ####-GEBI is better than above g-BI #### nohup.out.nohup sh ~/sotu/2015/can2b/sh/iconipl6expl+.sh gibbs:1:1:0.3:500 L12 3 2 4& #g-GEBI, the finish, tail -9 nohup.out
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             \#\#m nohup.out.nohup sh \sim \sc u/2015 \can 2b/sh/iconip16 \can 2p1.sh gibbs:1:1:0.3:1e8 L12 3 2 4& \#g-GEBI,
                                                                                                                                                                                                                                                          n wpi #Confusion Matrix for gibbs:1:1:0.3:500;DTCt=3;SiCs=2;tdR=4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        #### 02 C3 n wpi #Confusion Matrix for gibbs:1:1:0.3:500;DTCt=#### 02 C3 n wpi #Confusion Matrix for gibbs:1:1:0.3:500;DTCt=#### 02 C3 C000 1785000 100 ##p0 ppl p02 pp 03 n 0 wpo for Co-Carstationary #### 0.461 0.284 0.256 0.046 0.005 312000 100 #p210 pll p12 p13 nl wpl for C1=Crtransient ### 0.010 0.010 0.149 0.839 3234000 100 #p20 p21 p22 p23 n2 wp2 for C2=Cotransient #### 0.00 0.010 0.149 0.839 323400 100 #p20 p21 p22 p33 n3 wp2 for C3=Cotransient #### 0.00 0.01 0.149 0.839 323400 100 #p20 p21 p22 p33 n3 wp2 for C3=Costationary #### 0.00 0.01 #pc0100 pc01c3 nc01Detected/nc0lall=1628340/2100000=0.775 ###0.99 0.001 #pc0100 pc01c3 nc01Detected/nc0lall=1628340/2100000=0.775 ###0.99 0.001 #pc0100 pc01c3 nc01Detected/nc0lall=1628340/310000=0.775 ###0.99 0.001 #pc0100 pc01c3 nc01Detected/nc0lall=1873500/3556000=0.808 ###0.000 pc01c3 nc01Detected/nc0lall=1873500/3556000=0.808
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ./result-speakerdetect/iconip16exp1+_gibbs:1:1:0.3:1e8L12tr3Su2td4
###cp nohup.out ../result-speakerdetect/iconip16post_gibbs:1:0.25:0L11tr3Su2td4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ###cp nohup.out ../result-speakerdetect/iconip16post_gibbs:1:0.25:0L14tr3Su2td4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ######112 (repetition of 30,20)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ###20161017 t_00の影響の検討
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         the finish, tail -9 nohup.out
                                                                                                                                                                                                                                                                                                                  4250 ##### C0 C1 C2 C2 426 0.010
4259 ##### C0 C1 C2 C2 C3
4261 ##### C0 C2 C3 M #CODE 0.464 0.527
4262 ##### C0 C3 M #CODE 0.464 0.527
4263 ##### C0 C3 M #CODE 0.464 0.527
4264 ##### C0 C3 M #CODE 0.646 0.527
4266 #### C0 C3 M #CODE 0.646 0.527
4266 #### C0 C3 M #CODE 0.646 0.527
4267 ##### C0 C3 M #CODE 0.646 0.527
4271 #### C0 C3 M #CODE 0.646 0.627
4271 #### C0 C3 M #CODE 0.628
4272 #### C0 C3 M #CODE 0.628
4273 #### C0 C3 M #CODE 0.628
4274 #### C0 C3 M #CODE 0.628
4274 #### C0 C3 M #CODE 0.628
4275 #### C0 C3 M #CODE 0.628
4276 ##### C0 C3 M #CODE 0.628
4277 #### C0 C3 M #CODE 0.628
4278 #### C0 C3 M #CODE 0.628
4289 ##### C0 C3 M #CODE 0.628
4289 ###### C0 C3 M #CODE 0.628
4289 #### C0 C3 M #CODE 0.638
4300 #### C0 C3 M #CODE 0.638
4301 #### C0 C3 M #CODE 0.638
4313 #### C0 C3 M #CODE 0.638
4314 #### C0 C3 M #CODE 0.638
4315 #### C0 C3 M #CODE 0.638
4316 #### C0 C3 M #CODE 0.638
4317 #### C0 C3 M #CODE 0.638
4318 ##### C0 C3 M #CODE 0.638
4319 #### C0 C3 M #CODE 0.638
4319 #### C0 C3 M #CODE 0.638
4319 #### C0 C3 M #CODE 0.638
4311 #### C0 C3 M #CODE 0.638
4312 #### C0 C3 M #CODE 0.638
4313 #### C0 C3 M #CODE 0.638
4314 #### C0 C3 M #CODE 0.638
4318 #### C0 C3 M #CODE 0.639
4319 #
```

```
r the finish, tail -9 nohup.out 4465 ### 20 C1 C2 C2 C4 4466 ### 100 C2 S8 0.039 0.001 4467 ###0.525 0.396 0.074 0.005 4469 ###0.048 0.018 0.769 0.165 4469 ###0.010 0.012 0.087 0.897 4470 #### C0 C3 M #COMF)
the finish, tail -9
                                             ter the finish, tail -9 nohup.out

ter the finish, tail -9 nohup.out

ter the finish, tail -9 nohup.out

4372 ###0.750 0.199 0.047 0.03 1197000 100 #p00 poll p02 p03 n0 wpo for CO=Crstationary

4374 ###0.750 0.199 0.047 0.03 1197000 100 #p00 poll p02 p03 n0 wpo for CO=Crstationary

4374 ###0.750 0.199 0.047 0.03 1197000 100 #p00 poll p12 p13 n1 wpl for CI—Crrcansient

4375 ###0.470 0.464 0.089 78000 100 #p00 p11 p12 p13 n1 wpl for CI—Crrcansient

4376 ###0.470 0.015 0.089 0.890 380000 100 #p30 p21 p32 p33 n2 wp2 for C2=Cortansient

4377 ###0.470 0.022 0.021 0.272 385000 100 #p30 p21 p32 p33 n3 wp2 for C3=Costationary

4377 ###0.040 0.015 0.089 0.890 3801000 100 #p30 p21 p32 p33 n3 wp2 for C3=Costationary

4378 ###0.006 0.015 0.089 0.890 3801000 100 #p30 p21 p32 p33 n3 wp2 for C3=Costationary

4379 ###0.010 0.990 #pC23C0 pC23C3 nC23Detected/nC01all=1072197/1575000=0.837

4380 ###cp nohup.out./result-speakerdetect/iconipleexpl+_gibbs:1:0.25:0L10 r25:0L10 r320 r25:0L10 r25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          afte
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ####g-BI for L10
####rm nohup.out/nohup sh ~/sotu/2015/can2b/sh/iconip16expl.sh g000 L10 3 2 4% #g-BI, after the fini
                                                                                                                                                                                                                                   ###rm nohup.out.nohup sh \sim/sotu/2015/can2b/sh/iconip16exp1+.sh gibbs:1:1:0.3:500 L11 3 2 4\alpha #g-GBBI the finish, tail -9 nohup.out
                                                                                                                                                                                                                                                                                                                                                                                                                        ###rm nohup.out/nohup sh -/sotu/2015/can2b/sh/iconip16exp1+.sh gibbs:1:1:0.3:600 L11 3 2 4% #g-GEBI.
                                                                                                                                                                                                                                                               #g-BI,
                                                             #Confusion Matrix for gibbs:1:0.25:0;DTCt=3;SiCs=2;tdR=4
                              ~/sotu/2015/can2b/sh/iconip16exp1+.sh gibbs:1:0.25:0 L11 3 2 4&
                                                                                                                                                                                                                                                                                                                                                                                          ###cp nohup.out ../result-speakerdetect/iconipl6exp1+_gibbs:1::1:0.3:500111tr3Su2td4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ../result-speakerdetect/iconipl6expl+_gibbs:1:1:0.3:400L11tr3Su2td4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ###cp nohup.out ../result-speakerdetect/iconip16exp1+_gibbs:1:1:0.3:600L11tr3Su2td4
                           ../result-speakerdetect/iconip16exp1+_gibbs:1:0.25:0L11tr3Su2td4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ###cp nohup.out ../result-speakerdetect/iconipl6exp1+_gibbs:
################ L10(repetition of 30,20:30,15:30,10:30,5)
                                                                                                                                                                                                                     ###g-GEBI better than above g-BI (C0xC0=0.792>0.702
##########11( repetition of 30,10)
                                                                                                                                                                                                                                                                                                                                                                                                                                            the finish, tail -9 nohup.out
                                                                                                                                                                                       ###cp nohup.out
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             sh, tail -9 nohup.out
4371 ###rm nohup.ou
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ###d-BI
```

κ m nohup.out/nohup sh ~/sotu/2015/can2b/sh/iconip16e κ p1+.sh gibbs:1:0.25:0 L11 3 2 4 κ #g-B1, afte ###rm nohup.out.nohup sh ~/sotu/2015/can2b/sh/iconip16exp1+.sh gibbs:1:1:0.3:1e8 L10 3 2 4& #g-GEBI, ###rm nohup.out;nohup sh ~/sotu/2015/can2b/sh/iconip16exp1+.sh gibbs:1:1:0.3:300 L10 3 2 4& #g-GEBI, ###xm nohup.out;nohup sh ~/sotu/2015/can2b/sh/iconip16exp1+.sh gibbs:1:1:0.3:100 L10 3 2 4& #g-GEBI, ####GBBI best t_00=200? best for 0.999=C3detected? ###rm nohup.out,nohup sh ~/sotu/2015/can2b/sh/iconip16exp1+.sh gibbs:1:1:0.3:200 L10 3 2 4& #g-GBBI, ###rm nohup.out;nohup sh ~/sotu/2015/can2b/sh/iconip16exp1+.sh gibbs:1:1:0.3:400 L10 3 2 4& #g-GEBI, #### C0 C1 C2 C3 C3 N wpi #Confusion Matrix for gibbs:1:1:0.3:400;DTCt=3:SiCs=2;tdR=4
###0.750 C1 C2 C3 C3 N wpi #Confusion Matrix for gibbs:1:1:0.3:400;DTCt=3:SiCs=2;tdR=4
###0.756 0.151 0.187 0.006 378000 100 #p10 p11 p12 p13 n1 wpl for C1=Crtransient
###0.004 0.224 0.545 0.227 385000 100 #p10 p21 p22 p23 n2 wp2 for C3=Corransient
###0.004 0.224 0.545 0.227 385000 100 #p30 p21 p22 p23 n3 wp2 for C3=Corransient
###0.004 0.224 0.545 0.227 385000 100 #p30 p21 p22 p23 n3 wp2 for C3=Costationary
###0.004 0.224 0.545 0.227 385000 100 #p30 p21 p22 p23 n3 wp2 for C3=Costationary
###0.004 0.224 0.545 0.227 385000 Matrix using undecidable
###0.095 0.007 #pcOlCo pcOlCo pcOlc n wpi #Confusion Matrix for gibbs:1:1:0.3:600,DTCt=3;SiCs=2;tdR=4 ###cp nohup.out ../result-speakerdetect/iconip16exp1+_gibbs:1:1:0.3:200L10tr3Su2td4 ###cp nohup.out ../result-speakerdetect/iconip16exp1+_gibbs:1:1:0.3:1e8L10tr3Su2td4 ###cp nohup.out ../result-speakerdetect/iconip16exp1+_gibbs:1:1:0.3:600L10tr3Su2td4 the finish, tail -9 nohup.out #### C0 C1 C2 C3 the finish, tail -9 nohup.out finish, tail -9 nohup.out nohup.out the finish, tail -9 nohup.out

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readmecan2mspeech.txt

```
nohup sh -/sotu/2015/can2b/sh/iconipl6expl.sh g1 L9 3 2 4
tail -8 ../result-speakeredetect/iconipl6expl_g1Dfr33a2dd/honbp.out
tail -1 c2 an myi #Confusion Matrix for gibbs:1:1:0.3:500.PTCt=3;SiCs=2;tdR=4
0.503 0.260 0.157 0.080 140000 100 #p00 p01 p02 p03 n0 wp0 for C0=Crstationary
0.240 0.681 0.059 0.015 2.0000 100 #p10 p11 p12 p13 n1 wp1 for C1=Crtransient
0.131 0.018 0.382 0.469 217000 100 #p20 p21 p22 p23 p22 p22 p22
0.029 0.008 0.050 0.913 2289000 100 #p30 p31 p32 p33 n3 wp2 for C3=Cortansient
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  #####################
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 #ICONIP2016 Table 1(b)
                                                                   nohup sh ~/sotu/201
# -->Fiq2(b) GEBI
                #-->Fig2(a)
                                                                                                                                                                            g-GEBI
                                                                                                                                                                                                                                       以下、結果
                                                #(2) GEBI
                                                                                                              #(3) g-BI
                                                                                                                                 us dnyou
                                                                                                                                                                                              us dnyou
                                                                                                                                                                            #(4)
                                                                            1 Month and the contribution to his vector/2015 countributions/plospil- and pibes:10.250 (12.3.2 & 46 mp-24. ctt.)
1 Month and the contribution to his contribution to the contribution of the contribution of
                                 ###cp nohup.out ../result-speakerdetect/iconip16exp1+_gibbs:1:0.25:0L11tr3Su2td4
###0.997 0.003 #pc01c0 pc01c3 nc01Detected/nc01all= 683655/10500000-0.651 ###0.017 0.983 #pc23c0 pc23c3 nc23Detected/nc23all=2982420/3556000-0.839
```

nohup sh ~/sotu/2015/can2b/sh/iconip16exp1.sh

```
nohup sh -/sotu/2015/can2b/sh/iconiplexpl.sh g0 L1 33 4&

tail -8 ./result-speakerdetect/iconiplexpl.sh g0 L1 33 4&

tail -8 ./result-speakerdetect/iconiplexpl.sh g0 L1 33 4&

tail -8 ./result-speakerdetect/iconiplexpl.sh g0 L1 33 4&

co. 63 co. 22 co. 3 co. 7 co.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        <gi> <In> <DTCt> <SiCs> <tdR>
                                                                                                                                                                                                                                                                                                                                                                                                                 hup sh -/sotu/2015/can2b/sh/iconipl6expl.sh gl Ll 3 2 4& \pm -->Fig2(d),Fig3(b),#Table 1(b)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           nohup sh ~/sotu/2015/can2b/sh/iconip16exp1.sh gl Ll 3 3 4&
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ### <SiCs>=3;unregisterd speaker not used in iconip2016
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  #Usage: nohup sh ~/sotu/2015/can2b/sh/iconip16exp1.sh
Ľ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                <SiCs>:2 for registered only 3 for unregistered
911
~/sotu/2015/can2b/sh/iconip16exp1.sh
                                                                                                                                                                                                              ~/sotu/2015/can2b/sh/iconip16exp1.sh
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        <gi>: g0, g1,g2
<Ln>: L0, L1, L2, ...
<DTCt>:length of transient period
                                                                                                                                                                                                                                                               -->Fig2(c), Fig3(a), Table1(a
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 #20160411->20160515 ICONIP2016
```

readmecan2mspeech.txt

Matrix for gibbs:1:1:0.3:10000;DTCt=3;SiCs=2;tdR=4

```
nohup sh -/sotu/2015/can2b/sh/iconipleexpl.sh gl L7 3 2 4

tail ../result-repeakerdetect/iconipleexpl.sh gl L7 rs3auzded/inohup.out

tail ../result-repeakerdetect/iconipleexpl_gl/Trx3auzded/inohup.out

color color color color on wpi #confusion Matrix for glbbs:!:10.3:50;prCt=3;SiCs=2;tdR=4

0.957 0.039 0.004 0.000 679000 100 #p01 p02 p03 n0 wpo for target Cl=Ctp

0.007 0.135 0.570 0.285 28000 100 #p01 p11 p12 p13 n1 wpl for target Cl=Ctp

0.007 0.135 0.595 0.385 383000 100 #p01 p11 p12 p13 n1 wpl for target Cl=Ctp

0.007 0.015 0.058 383000 100 #p01 p12 p32 n3 n3 wp2 for target Cl=Ctp

0.000 0.020 0.355 0.958 383000 100 #p01 p12 p33 n3 wp2 for target Cl=Ctp

0.000 0.002 0.455 0.8400 p03 N0 for target Cl=Cp

0.000 0.000 0.000 64528 #p01 p03 N0 for target Cl=Cp

0.000 0.000 0.000 6458 #p01 p03 N0 for target Cl=Cp

0.000 0.000 0.000 6855 #p31 p31 mn-cf=target Cl=Cp

0.000 0.000 0.000 85505 #p31 p31 mn-cf=target Cl=Cp
                                                                                                                                                                                                                                                                                                           nohup sh -/sotu/2015/can2b/sh/iconip16expl.sh g0 L1 0 2 4&

tail ../result-speakerdetect/iconip16expl_g0L1tr0Su2td4/nohup.out

# C0 C1 C2 3 nwpi #Confusion Marix for gibbs=1:0.55:0;DTCt=0;SiCs=2;tdR=4

0 C1 C2 C3 nwpi #Confusion Marix for gibbs=1:0.55:0;DTCt=0;SiCs=2;tdR=4

nan nan nan nan 0 100 #p10 p11 p12 p13 nl wpl for target C1=Ctp

nan nan nan nan 0 100 #p20 p21 p22 p23 n2 wp2 for target C1=Ctp

nan nan nan 0.565 124600100 #p30 p31 p32 p33 n3 wp2 for target C3=Co

nan nan nan #p00 p03 N0 for target C0=Cp

nan nan nan #p00 p33 N0 for target C0=Cp

nan nan nan #p30 p33 N3 for target C0=Cp

nan nan 1596000 #pVT 1-PVT num-of-all-data
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         # C0 C1 C2 C3 n wpi #Confusion Matrix for gibbs:1:1:0.3:1000001/07166 0.056 0.004 266000 100 #gb0 p01 p02 p03 n0 wpo for trarget C0=Cp 0.197 0.579 0.218 0.007 84000 100 #gb10 p11 p12 p13 n1 wpl for target C1=Crp 0.005 0.269 0.509 0.217 91000 100 #gb10 p11 p12 p13 n1 wpl for target C1=Crp 0.000 0.000 0.101 0.894 1155000 100 #gb20 p21 p22 p23 n2 wp2 for target C2=Cto 0.000 0.000 0.101 0.894 1155000 100 #gb30 p21 p22 p33 n3 wp2 for target C3=Cc 0.000 0.000 0.001 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.00
                                 nohup sh ~/sotu/2015/can2b/sh/iconipl6expl.sh gl Ll 3 2 4&
tail ../result_speakerdetect/iconipl6expl.sh gllltr38u2td4/nohup.out
# CO C1 C2 C3 no wpi #Confusion Matrix for gibbs:1:1:0.3:50;DrCt=3;SiCs=2;tdR=4
0.784 0.165 0.056 0.004 26600 100 #900 p01 p02 p03 no wpo for target C0=Cp
0.197 0.579 0.218 0.007 84000 100 #p00 p01 p02 p03 no wpo for target C1=Ctp
0.005 0.269 0.509 0.217 91000 100 #p00 p01 p02 p03 no wpo for target C2=Cto
0.005 0.101 0.894 1155000 100 #p00 p13 p22 p23 n2 wp2 for target C2=Cto
0.000 0.005 0.101 0.894 115500 100 #p00 p3 N3 for target C3=Co
0.000 0.005 0.101 0.894 115500 100 #p00 p3 N3 for target C3=Co
0.000 1.000 1.052776+06 #p30 p31 N3 for target C3=Co
0.000 1.000 1.052776+06 #p30 p33 N3 for target C3=Co
0.000 1.000 1.052776+06 #p30 p33 N3 for target C3=Co
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           # CO C1 C2 C3 n mpi #Confinitor for gabbs:1110.3:50;DTCt=3;SiCs=3;tdR=4

# CO C1 C2 C3 n mpi #Confinitor Matrix for gibbs:1110.3:50;DTCt=3;SiCs=3;tdR=4

0.995 0.037 0.060 0.008 266000 100 ##200 p01 p02 p03 100 wp0 for target C0=Cp

0.576 0.258 0.117 0.049 84000 100 ##201 p11 p12 p13 n1 wp1 for target C1=Ctp

0.498 0.127 0.049 0.190 0.008 0.009 p12 p22 p23 n2 wp2 for target C2=Ctc

0.239 0.117 0.049 0.496 1155000 100 ##20 p21 p22 p23 n3 wp2 for target C3=Cc

0.239 0.23 22688 ##200 p03 N0 for target C0=Cp

0.554 0.646 903899 ##30 p33 N3 for target C0=Cp

0.556 0.556 0.560 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500 0.500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0.028 0.758 0.207 0.007 266000 100 #p00 p01 p02 p03 n0 wp0 for target CO=Cp 0.027 0.957 0.009 0.007 84000 100 #p10 p11 p12 p13 n1 wp1 for target C1=Ctp 0.027 0.957 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.00
                                    pC01C3 nC01Detected/nC01all= 136010/ 350000=0.389 pC23C3C3 nC23Detected/nC23all=2286438/2506000=0.912
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     nohup sh ~/sotu/2015/can2b/sh/iconip16exp1.sh g2 L1 3 2 4 tail ../result-speakerdetect/iconip16exp1_g2L1tr3Su2td4/nohup.out
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       nohup sh ~/sotu/2015/can2b/sh/iconip16exp1.sh g1 L1 3 3 4&
         using undecidable
      N #Confusion Matrix
#pC01C0 pC01C3 nC01Dete
#pC23C0 pC23C3 nC23Dete
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ##############################
   0.106
0.959
      # C0
0.894
0.041
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      tail
# CC
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0.001 0.063 0.718 0.218 17500 100 #p20 p21 p22 p23 n2 wp2 for 0.000 0.005 0.032 0.962 843500 100 #p30 p31 p32 p33 n3 wp2 for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     psdsum=$d1/psdsum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          :7:..:$iCs:...
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3,TCp3:...
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        test:7:.
4931 fo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             4923
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  export wp0=2660 wp1=840 wp2=910 wp3=1155; #weight of posterior distribution of probabilistic predict
                                                                                                                                                                                                                                                                                      gibbs:1:1:0.3:50;DTCt=2;SiCs=2;tdR=4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ../result-speakerdetect/iconipl6expl_g0L7/nohup.out

C2 3 n wpl #confusion Matrix for gibbs:1:0.25:0;DTCt=2;SiCs=2;tdR=4

C0 02 03 n wpl #confusion Matrix for gibbs:1:0.25:0;DTCt=2;SiCs=2;tdR=4

C0 02 0.005 0.006 86000 100 #pl0 pol p02 p03 n0 wp0 for target C0=Cp

C0 036 0.104 0.004 14000 100 #pl0 p11 p12 p13 n1 wp1 for target C1=Ctp
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       tail ../result-speakerdetect/iconipleexpl.sh gl Ll&

C Cl C3 C3 C3 C3 C3 Hoomipleexpl.gll/Inohup.out

0.780 0.142 0.074 0.004 294000 100 #p00 p01 p02 p03 n0 wp0 for target C0=Cp

0.131 0.537 0.234 0.008 56000 100 #p10 p11 p12 p13 n1 wp1 for target C1=Ctp

0.011 0.300 0.541 0.149 59500 100 #p20 p21 p22 p23 n2 wp2 for target C1=Ctp

0.000 0.006 0.115 0.880 186500 100 #p30 p31 p32 p33 n3 wp2 for target C2=Cto

0.001 0.993 0.007 238280 #p00 p03 N0 for target C0=Cp

0.001 0.999 1.05364e-06 #p30 p33 N3 for target C3=Co

0.011 0.809 1596000 #pNT 1-PNT num-nf-n1-A---
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  nohup sh ~/sotu/2015/can2b/sh/iconipl6expl.sh g0 Ll 3 2 4
tail ../result-speakerdetect/iconipl6expl g0Lltr3su2td4/nohup.out
# C0 Cl C2 C3 n wpi #Confinein Metric f----iter.
        11 ./result-speakerdetect/iconiplexpl_g0l7tr0Su2td0/nohup.out
  nohup sh ~/sotu/2015/can2b/sh/iconip16exp1.sh g0 L7 0 2 0&
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                # 900 0.05 232428 #900 p03 NO for target CO=Cp
0.003 0.997 1.08805e406 #303 NO for target C3=Cc
0.003 0.997 1.996000 #9xm 1-Pxm num-of-all-data
nohup sh ~/sotu/2015/can2b/sh/iconipi6expl.sh g1 L1&
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1596000 #PNT 1-PNT num-of-all-data
                                                                                                                                                                                                 nan #p00 p03 NO for target CO=Cp
nan #p30 p33 N3 for target C3=Co
1571500 #PNT 1-PNT num-of-all-data
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        # C0 C3
0.929 0.071
0.005 0.995
0.042 0.958
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      # C0 C1
0.935 0.060
0.255 0.636
                                                                                                                                                                                                    nan nan
                                                                                                                                                                                                                        nan nan
nan nan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DTCt=2;
                            4793 4
4794 4794 4794 4797 6
4797 6
4797 6
4798 4
4800 1
4803 1
4803 1
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4815 1
4816 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 \begin{array}{c} 444449 \\ 444449 \\ 444449 \\ 444449 \\ 444449 \\ 444449 \\ 444449 \\ 444449 \\ 444449 \\ 444449 \\ 444449 \\ 444449 \\ 444449 \\ 444449 \\ 444449 \\ 444449 \\ 444449 \\ 444449 \\ 444449 \\ 444449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 4449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 4449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 44449 \\ 4444
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4877 0.0010 0.003 0.748 0.218 1.7500 100 #p30 p31 p32 p33 n3 wp2 for target C3=CC 4873 0.000 0.005 0.032 0.748 0.218 1.7500 100 #p30 p31 p32 p33 n3 wp2 for target C3=CC 4873 0.000 0.005 0.032 0.962 843500 100 #p30 p31 p32 p33 n3 wp2 for target C3=CC 4876 0.000 1.000 645036 #p30 p33 N3 for target C3=CC 4877 0.065 0.935 1551000 #pv11 - PvpT numu-of-all-data 4879 for target C3=CC 4870 0.935 1551000 #pv11 - PvpT numu-of-all-data 4879 for target C3=CC C3 C3 0.005 0.005 0.000 for target C3=CC C3 C3 0.005 0.000 for target C3=CC C3 C3 0.005 0.000 for target C3=CC C3 C3 0.005 0.005 0.000 for target C3=CC C3 0.000 0.000 0.000 0.000 0.000 0.000 for target C3=CC C3 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4910 export DTCt=2:#DTCt=0:DTCt=4: #transient for 4911 export SiCs="0 3 2"; #depnds on speakerdigit_v6.c test
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     4912 export wp0=100 wp1=100 wp2=100 wp3=100; #weight of posterior distribution of probabilistic predictio
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ,10:20,5:20#DTCoCp=TCol,TCpl:TCo2,TCp2:TCo3,TCp3:...:TCo
4915 export DTCoCp=30,20:20,20:20,20:20,20:20,20:20,20:20,20:20,15:20,10:20,5:20#DTCoCp=TCol,
TCp1:TCo2,TCp2:TCO3,TCp3:...:TCo.
4916 export DTCoCp=30,20:20,15:20,10:20 ##DTCoCp=30,20:20,10:20,5:20#DTCoCp=TCol,TCp2:TCo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         #LoopLevell:for iCs for set 2rd option o
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               4913 export wp0=2660 wp1=840 wp2=910 wp3=1155; #weight of posterior distribution of probabilistic predict
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  4914 export DTCoCp=30,20:30,20:30,20:30,20:30,20:30,20:30,20:30,20:30,20:30,20:30,20:20 ##DTCoCp=30,20:20:15:20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               4935 #cmd="%prog fs:${d2}}/oob4s:-1N40mbas2:300:1.6:1sX${sX}.y nSDL:7:10:10 pmin:0.01 ytm:1:0.9:1000 $gibb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     #### use only gibb:1:1:1(GEBI) gibbs:1:1:0(BI), see 20160125 [a]-[
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   20160125 [a]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           target C2=Cto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           fhg=$dl/histSpeaker.cat /dev/null > $fhg.dat #Initialize
for ics in $SiCs; do
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            -[e] ##beta=beta:0.5:0.3 #### tune this,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   cat /dev/null > { resultsum}.dat
cat /dev/null > { psdsum}.dat
cat /dev/null > { testsdsum}.dat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         resultsum=$d1/resultsum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            testsdsum=$d1/testsdsum
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(CpG=="tp"
                                                                                                                                                                                              echo $cmdl;$cmdl
                                               break;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      #gv $fhe.eps&
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          gnuplot <<EOF
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                                                                                                                                                                                                                                                                                                                                                                                        #for sX_
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                                                                                                                                                                                                                     #nd='wc
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  #650 and *** (Strict Act ) = 4.00 m (W o ) 表 (A ) *** (A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              set term tgiffset output "$fntpG.obj";plot "${resultsum}.dat" using 1:2:(\$2-\$4):(\$2+\$5) w errorb using 1:2 w 1 c rgb 'blue" set term postscript;set output "$fntpG.eps";replot quit "bDP
     4936 #cmd="$pxog fs:${d2}/oob4s:-IN40mbas2:300:1.6:1ax${sx}, y nSDL:7:10:10 pmin:0.01 ytm:1:0.9:1000 $gibb s $beta ver:-2 pApAd:${pas}:${pad} LAR:0:0:-1 test:7:2000:${iCs}:0:20:100:20:2 sx:$sx sp:$sp void:0"; 4937 else
                                                                                         4938 cmd="$prog fs:${d2}\oob4s_-1N40mbas2_300_1.6_18x${sx}\.y nSDL:7:10:10 pmin:0.01 ytm:1:0.9:1000 $gibbs $beta ver:-2 pApAd:${pAs}:${pAs}:${pAs}:4pas}:${pAs} = 1AR:0:0:-1 test:7:2000:${iCs}:0:20:100:20:2 sX:$sX sP:$sP void:0";$cmd > /
                                                                                                                                                                                                            4941 cat %tmp/testsd_stat.dat >> ${resultsum}.dat
4942 echo -e "\n" >> ${resultsum}.dat ########## <== mean,UC of pG
4943 echo -e "\n" >> ${psdsum}.dat ########### <== t,test#,pGC,pGCd,sX pG for all tests for speaker
4944 cat tmp/testsd.dat >> ${psdsum}.dat ########### <== t,test#,pGC,pGCd,sX pG for all tests for speaker
4944 cat tmp/testsd.dat |awk 'BBGIN{d=0;}{if(d==0) {if(substr($1,1,3)=="###") d=1;}else print $0:}'> ${testsd.dat}.dat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ## obtained psdsum.dat consists of lines involving (1)t(step),(2)n(number of data),(3)test->pGC[n][t
                                                                                                                                                                                                                                                                                                                                                                                        #done #LoopLevel2:for sX in 0 1 2 3 4 5
                                                                                                                                                                                                                                                                                                                                                                                                                                       #done #LoopLevell:for iCs $SiCs;
LAR:0:0:-1 test:8:2000:${iCs}:20:20:20:20:20 sX:$sX sP:$sP void:0";
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ### the following takes a lot of time to display via gnuplot
comd-vg Sthrod.eps', echo "isses Scmd.", Scmd&
##(1) 名テストにおける上の指摘の表示(2つの角度からの表示) :10テスト毎に間引き
##(1) 名テストにおける上の指摘の表示(2つの角度からの表示) :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    #echo "###wc psdsum.dat tmp/psd.dat"
                                                                                                                                                                                              echo "Exec $cmd";$cmd > /dev/null
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ##show t vs. pg of resultsum.dat fntpg="$dl/t-pgmean"
                                                                                                                                                                                                                                                                                                                                                                                        done #for sX excluded speaker
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (4)test->pGCd[n][t](pGd),(5)sX
                                                                                                                                                                                                                                                                                                                                                                 #wc psdsum.dat tmp/psd.dat
ver:-2 pApAd:${pAs}:${pAd}
4936 #cmd="$prog fs:${d2}/
                                                                                                                                                                                                                                                                                                                                                                                                                                       done # for iCs
                                                                                                                                               dev/null
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5051 cat.davnull > $fragd dat
5051 cat.davnull > $fragd dat
5052 #cat.fabo.dat.lawk 'BBCIN{wp0=BNVIRON["wp1"];wp1=BNVIRON["wp1"];wp2=BNVIRON["wp2"];wp3"]}
;){p0=$1*wp0:p1=$2*wp1:p2=$3*wp2:p3=$4*wp3;psum=p0+p1+p2+p3;
5053 #if(psum=0) printf("#e &e &e &e &e &e\not w,p2, p0/psum.p2/psum.p2/psum.p3/psum);}' >> $fpdg.dat
5054 #if(psum=0) printf("#e &e &e\not w,p2") ivp1=BNVIRON["wp2"];vp3=BNVIRON["wp2"];
}{p0=$1*wp0:p1=$2*wp1:p2=$3*wp2:p3=$4*wp3;psum=p0+p1+p2+p3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                set term tgif/set output "$fpdg.obj";
plot "$fpdg.dat" using 1:(\$2+\$4+\$5) lc rgb "blue" t "PromptedSpeaker", "" using 1:(\$3+\$4+\$
plot "$fpdg.dat" using 1:(\$3+\$4+\$5) lc rgb "blue" t "TransientDrompted", "" using 1
pl "green" t "TransientDrompted", "" using 1:(\$4+\$5) lc rgb "yellow" t "TransientOther", "" using 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         in 0 1 2 3 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          p0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  o(othe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          cp $fhg.dat $tmp/histtmp.dat/cat tmp/hist.dat |awk '{print $1}'> tmp/hist1.dat/paste $tmp/histtmp.da
ist1.dat > $fhg.dat ###
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      #export sX_0='expr $sX_ \* $nd0 \* 2\
#export sX_0='expr $sx_ \* $nd0 \* 2\
#exd_ n_ = "'expr ${sX_0} + 1\', expr ${sX_0} + $nd0 \p" ${fbr}.dat >> ${fbr}.perain.dat
#sed_ n_ = "'expr ${sX_0} + 1\', expr ${sX_0} + $nd0 \* 2'p" ${fbr}.dat >> ${fbr}.Detest.dat
#done #for sX_ in 0 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             op $fhg.dat $tmp/histtmp.dat cat tmp/hist3.dat;paste $tmp/histtmp.dat tmp/hist3.dat > $fhg.dat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ç,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      prompted),
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ### insert first column to be the value of pg, while 2,3,4 columns P(c_{\perp}|p_{\perp}G) for c_{\perp}i=Cp, Ct,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         #LoopLeve2:for sX_
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                cat /dev/null > {fbr}_PPtrain.dat ##PP:Probabilistic Prediction
cat /dev/null > {fbr}_PPtest.dat
cat {fbr}_dat[awk 'BEGIN(1=0; fit(1+*2=0) print $0;)' >> {fbr}_PPtrain.dat
cat {fbr}_dat[awk 'BEGIN(1=0; fit(1+*2==1) print $0;}' >> {fbr}_PPtest.dat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ${fb0}.dat|awk '{print $1}''; #nd='wc psdsum.dat|awk '{print $1}''
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   #show p(c_i|p_G)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              set yrange [0:1.3]; set style data boxes; #set style data histeps set style fill solid border lc rgb "black"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           cmd="gv $fpdg.eps"; echo "Exec $cmd."; $cmd& #show p(c_i|
#cmd="gv $fpdg-pgdist.eps"; echo "Exec $cmd."; $cmd& #show p(pg)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        cmd="histmav1-onsei $x0 $ndiv $nmav ${fbr}_PPtrain.dat"
=="tp" && n4==2)||
(CpG=="p" && n4==3)) {print $3,$0;}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       #####################################
                                                                                                                                                                                                          }' >> ${fb0}.dat ; #pg, t,
cmdl="cp ${fb0}.dat ${fbr}.dat"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         in 0 1 2 3 4 5 6; do
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     #disp result
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       export x0=0 ndiv=100 nmav=3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        cp $tmp/hist.eps $fhe.eps
                                                                                                                                                                                                                                                                                                                                                      #nd0='expr snd / 7 / 2'
#echo "#nd=snd,nd0=snd0"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 fpdg=$d1/ProbDistSpeaker
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             echo $cmd; $cmd
fhe=${d1}/hist-C${CpG}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       5) lc rgb "green" t "Transient
:(\$5) lc rgb "red" t "Other"
5069 set term postscript;se
5070 set term postscript;se
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```
for CpG in "p" "tp" "tp" "to" "o" ; do #CLASS of pG; p(prompted), tp(transient of prompted), o(other), to ient of other), #Loopievell: for CpG for CpG #Loopievell: for CpG for CpG in p.t. or of cother), couput; #output file to be classified as C for CpG in p.t. or of cother coupur file to be classified as C export thee! "wc ${fout}.output | awk '{print $1}'' awk 'BEGIN{Ctgt=ENVIRON["ctgt"];for(i=0;i<ntest;i++) print Ctgt;}.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                5122 cat ${fout}.output >> ${foutall}.output;
5123 cat ${ftgt}.target >> ${ftgtall}.target; ###all
5124 done #for CpG in "p" "tp" "to" "o"; do #CLASS of pG; p(prompted), tp(transient of prompted), o(othe
5125 done #for Ct ct
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   5132 printf("%.3f %.3f %.3f %.3f %.3f %6d %9 #p00 p01 p02 p03 n0 wp0 for target CO=Cp\n", 1-p[0],1-p[4],1-p[8] .1-p[10],wp0 for target CI=Ctp\n",1-p[13],1-p[9] .131 p2,tin(1),wp0 for target CI=Ctp\n",1-p[1],1-p[5],1-p[9]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ,1-p[13],n[1],wpl);
5134 prints("%.3f %.3f %.3f %.3f %6d %g #p20 p21 p22 p23 n2 wp2 for target C2=Cto\n",1-p[2],1-p[6],1-p[10],
1,1-p[14],n[2],wp2);
5135 prints("%.3f %.3f %.3f %.3f %6d %g #p30 p31 p32 p33 n3 wp2 for target C3=Co\n", 1-p[3],1-p[7],1-p[11],
5135 prints("%.3f %.3f %.3f %.3f %6d %g #p30 p31 p32 p33 n3 wp2 for target C3=Co\n", 1-p[3],1-p[7],1-p[11],
5135 prints("%.3f %.3f %.3f %.3f %6d %g #p30 p31 p32 p33 n3 wp2 for target C3=Co\n", 1-p[3],1-p[7],1-p[11],
5135 prints("%.3f %.3f %.3f %.3f %.3f %6d %g #p30 p31 p32 p33 n3 wp2 for target C3=Co\n", 1-p[3],1-p[7],1-p[11],
5135 prints("%.3f %.3f %.3f %.3f %.3f %6d %g #p30 p31 p32 p33 n3 wp2 for target C3=Co\n", 1-p[3],1-p[7],1-p[11],
5135 prints("%.3f %.3f %.3f %.3f %.3f %6d %g #p30 p31 p32 p33 n3 wp2 for target C3=Co\n", 1-p[3],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1-p[13],1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TGOOT#
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            n wpi #Confusion Matrix for %s;DTCt=%s;SiCs=%s;tdR=%s\n",gibb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    echo "#${gibbs};DTCt=$DTCt;SiCs=$SiCs";
cat cfm.dat | awk 'BEGIN{1=0:wp0=ENVIRON['wp0"];wp1=ENVIRON['wp1"];wp2=ENVIRON['wp2"];wp3=ENVIRON[
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             cmd="evalloss4pG p:${fpdg}.dat t:${ftgt}.target o:${fout}.output vth:0.5:0";echo "#${cmd}##";
$cmd | awk '{print $2,$6;}' >> cfm.dat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           gibbs=ENVIRON["gibbs"];DTCt=ENVIRON["DTCt"];SiCs=ENVIRON["SiCs"];tdR=ENVIRON["tdR"];}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     echo "#For Target Class $Ctgt, evall loss of p(rompted), t(ransient), o(ther) data.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ###all
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        fodg=$d1/ProbbistSpeaker #defined above
foutall=pGall:cat /dev/null > ${foutall}.output ###all
ftgtall=Ctgtall:cat /dev/null > ${ftgtall}.target
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              carget #mktarget $Ctgt $ntest > ${ftgt}.target
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              cat /dev/null > cfm.dat
for Ctgt in 0 1 2 3; do #target class
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            C3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 P00=(1-p[0])*n[0]+(1-p[1])*n[1];
P03=(1-p[12])*n[0]+(1-p[13])*n[1];
P0T=1-p00-p03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              5140 NG=P00+P037P00/=N0;:P03/=N0;
5141 P30=(1-p[2])*n[2]+(1-p[3])*n[3];
5142 P33=(1-p[14])*n[2]+(1-p[15])*n[3];
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ## evalloss for confusion matrix
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            s. 2130 [PIL]=$1.ntl]=$2.1++}ENDT

5131 print["\n# 00 C1 c1

5.DTCL,Sics,tdR);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            C2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  nsum=n[0]+n[1]+n[2]+n[3];
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           d0=~/sotu/2015/can2b
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (transient of other) :
5114 fout-pG${CpG}:
${CpG} for CpG in p. t.
5115 export ntest=".
5116 export fcg=C$'
5116 awk 'BBGIN{Ctgf
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    export Ctgt;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    cat cfm.dat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            5126
5126
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5128
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          evel 0
5111
5112
5113
```

Jun 19 2021 08:15:37 readmecan2mspeech.txt

```
dlo=../result_speakerdetect; if [ 1 -e $dlo ]; then mkdir $dlo;fi
###d2=/modionpipf6fjgl if [ 1 -e $dl ]; then mkdir ##d2=/modionpipf6fjgl if [ 1 -e $dl ]; then mkdir ##d2=/modionpipf6fjgl if [ 1 -e $dl ]; Takergwdl,Takergwdl,12voicedata_sakashita/12voicedata/allpole;d
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DTCoCp=30,20:30,15:30,10:30,5:30,20:30,15:30,10:30,5:20 ##DTCoCp=30,20:20,10:20,10:20,5:20#DT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    if(pG->C[t]>=pmaxt||pG->C[t]<=pmint||pG->iC[t]>=pmaxt||pG->iC[t]<=pmint) if(t_1-t)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                20160125 [a]-[e
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      5213 export gibbs=gibbs:1:0.2:0 ##### use BI
5214 export gibbs=gibbs:1:1:0.3:100 ##### use only gibb:1:1:1(GEBI) gibbs:1:1:0(BI), see 20160125 [a
1]-[e] ##beta=beta:0.5:0.3 ##### tune this,
5215 export pTCCt=2;#PTCt=2;#PTCt=2;#PTCt=2;#PTCt=2;#PTCt=2;#PTCt=2;#PTCt=2;#PTCt=2;#PTCt=2;#PTCt=2;#PTCt=2;#PTCt=2;#PTCt=2;#PTCt=2;#PTCt=2;#PTCt=2;#PTCt=2;#PTCt=2;#PTCt=2;#PTCt=2;#PTCt=2;#PTCt=2;#PTCt=2;#PTCt=2;#PTCt=2;#PTCt=2;#PTCt=2;#PTCt=2;#PTCt=2;#PTCt=2;#PTCt=2;#PTCt=2;#PTCt=2;#PTCt=2;#PTCt=2;#PTCt=2;#PTCt=2;#PTCt=2;#PTCt=2;#PTCt=2;#PTCt=2;#PTCt=2;#PTCt=2;#PTCt=2;#PTCt=2;#PTCt=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTCT=2;#PTC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              .7:..:$ilCs:...
5217 export wp0=100 wp1=100 wp2=100 wp3=100; #weight of posterior distribution of probabilistic predictio
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              # CO C1 C2 C3 n wpi #Confusion Matrix for gibbs:1:1:0.3:100;DTCt=2;SiCs=2;tdR=4 0.815 0.106 0.067 0.012 294000 100 #p00 p01 p02 p03 n0 wpo for trarget CO=Cp 0.125 0.218 0.235 0.028 56000 100 #p10 p11 p12 p13 n1 wpl for target CI=Ctp 0.026 0.324 0.427 0.223 5500 100 #p10 p11 p12 p13 n1 wpl for target CI=Ctp 0.000 0.009 0.990 0.892 85500 100 #p20 p12 p22 n2 mp2 for target CI=Ctp 1.000 0.000 0.090 0.892 85500 100 mp30 p12 p23 n3 wp2 for target CI=Ctp 1.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.00
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         #### use only gibb:1:1:1(GEBI) gibbs:1:1:0(BI), see
                                                                                                                                                                                                         print[("# C0 C3 N #Modified Confusion Matrix\n"); print[("#.31 %.31 %9 ##00 p03 N0 for target C0=Cp,n",p00,p03,N0); print[("%.31 %3.31 %9 #p30 p33 N3 for target C3=Co,n",p30,p33,N3); print[("%.31 %.31 %9 #p30 p33 N3 for target C3=Co,n",p30,p33,N3); print[("%.31 %.31 %9 for #p30 p33 N3 for target C3=Co,n",p30,p33,N3); print[("%.31 %.31 %9 for #p30 p31 N1 num-of-all-data\n",NT/nsum,l-NT/nsum,nsum);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ###d2=/media/sf_D_DRIVE/cdata/15iconip/20151005sakashita/;d2sep="_"
###d2=-/sotu/2015iconip/iconip_saigen/2012/12voicedata/allpole;d2sep=":"
###d2=../../2012/12voicedata/iconipl4data;d2sep=":"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 speakerdigit_v6+.c pG->C[t]=pow(pG->C[t_1],beta[0])*pow(LC,1);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ############ copy and paste to here for (1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ###d2=../../2012/12voicedata/allpole;d2sep=":"
d2=~/sotu/2012/12voicedata/allpole;d2sep=":"
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5004 ###d2-/medlad/sL_D_DNINDs/Cadard/151con
5204 ###d2-/medlad/sL_D_DNINDs/Cadard/151con
5205 ####d2-./../2012/12/ocidedata/iconip.
5207 ###d2-./../2012/12/ocidedata/lipolac
5208 d2--/scbu/2012/12/ocidedata/lipolac
5209 tmp-./tmp/if [ - e frmp ]; then mkc
5210 #### Main variables for Tuning from
5211 export gibbs=gibbs:1:1:0:10 ####
#bbeta=beta:0:5:0.3 ##### tune this,
5122 export gibbs=gibbs:1:1:0.3 ##### tune this,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             #prog=speakerdigit_v6; make $prog
prog=speakerdigit_v8; make $prog
make ; make data-clean
N3=P30+P33;P30/=N3;P33/=N3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    speakerdigit_v7.c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     5236 #cmd="%prog fs:${a2}/oob4s:-IN40mbas2:300:1.6:1sx${sx}.y nSDL:7:10:10 pmin:0.01 ytm:1:0.9:1000 $gibb s ver:-2 pApAd:${pAd} LAR:0:0:1 test:8:2000:${ics}:20:20:20:20:20:20:x5xx sp:$sx pv:d:0"; 5237 #cmd="%prog fs:${a2}/oob4s:-IN40mbas2:300:1.6:1sx${sx}.y nSDL:7:10:10 pmin:0.01 ytm:1:0.9:1000 $gibb s $beta ver:-2 pApAd:${pAs}:${pAs}:${pAd} LAR:0:0:-1 test:7:2000:${ics}:0:20:20:20:20:20:20:x5xx sp:$sx pv:d:0";
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            5239 cmd="$prog fs:${d2}\oob4s_-1N40mbas2_300_1.6_18X${sX}.y nSDL:7:10:10 pmin:0.01 ytm:1:0.9:1000 $gibbs $beta ver:-2 papad:${pas}:${pad}:${pad} LaR:0:0:-1 test:7:2000:${ics}:0:20:100:20:2 sX:$sX sP:$sP void:0":$cmd > /
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            echo -e "\n" >> resultsum.dat ######### <== mean,UC of pG cat $tmp/psd.dat >> psdsum dat ######### <== t,test#,pGC,pGCd,sX pG for all tests for speaker cat tmp/testsd.dat |awk 'BEGIN{d=0}{1(d=0){1(substx(\$1,1,3)=="##") d=1;}else print \$0;}'> tmp/t
export DTCoCp=30,20:30,20:30,20:30,20:30,20:30,20:30,20:30,20:30,20:30,20:30,20:0 ##DTCoCp=30,20:20,15:20
                                                                        export DTGCCp=30, 20:20,15:20,10:20 ##DTGCCp=30,20:20,15:20,10:20,5:20#DTGCCp=TCc1,TCp1:TC-2,TCp2:TCc
                                                                                                                ,10:20,5:20#DTCoCp=TCol,TCp1:TCo2,TCp2:TCo3,TCp3:...:TCo
5219 export DTCoCp=30,20:20,20:20,20:20,20:20,20:20,20:20 ##DTCoCp=30,20:20,15:20,10:20,5:20#DTCoCp=TCO1,
TCp1:TCo2,TCp2:TCo3,TCp3:...:TC
5220 export DTCOCp=30,20:20,15:20,10:20 ##DTCoCp=30,20:20,15:20,10:20,5:20#DTCoCp=TCo1,TCp2:TCo2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              set xlabel "test"; set ylabel "t"; set zlabel "pg";
set view 21,73
set term tgifiset output "$di/tpgl.obj"; splot "tmp/tpg.dat" using 1:2:3 w 1
set term pasisoritieset output "tmp/tpgl.epg"; replot
set view 16,108
set term tgifiset output "$di/tpg2.obj"; splot "tmp/tpg.dat" using 1:2:3 w 1
set term tgifiset output "$di/tpg2.obj"; replot
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ### the following takes a lot of time to display via gnuplot cond=gy tmp/tpd1.eps²; echo "Exce Sond."; $cnd& cond=gy tmp/tpd2.eps"; echo "Exce $cnd."; $cnd& cond=yy tmp/tpd2.eps"; echo "Exce $cnd."; $cnd&
                                                                                                                                                                                                                                                                                       cat $tmp/testsd_stat.dat >> resultsum.dat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              #echo "###wc psdsum.dat tmp/psd.dat"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             echo "Exec $cmd";$cmd > /dev/null
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  #wc psdsum.dat tmp/psd.dat
done #for sX excluded speaker
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        done # for iCs
                                                                                            3,TCp3:...TCo
5221 export
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#export wp0=100 wp1=100 wp2=100 wp3=100; #weight of posterior distribution of probabilistic predicti
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ### insert first column to be the value of pg, while 2,3,4 columns P(c_i|p_G) for c_i=Cp, Ct, Co, re
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              5352 op $fhg.dat $tmp/histtmp.dat;cat tmp/hist.dat |awk '{print $1}'> tmp/histl.dat;paste $tmp/histtmp.da
tmp/histl.dat > $fng.dat ###
5353 oat /dev/null > $fpdg.dat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     prompted), o(othe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                cp {fhg.dat {tmp/histtmp.dat cat tmp/hist3.dat;paste {tmp/histtmp.dat tmp/hist3.dat > {fhg.dat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          cmd="histmav1-onsei $x0 $ndiv $nmav ${fbr}_PPtrain.dat"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ### Likelihood P(c_i|p_G) for Probabilistic Prediction ### Histgram by moving average of each class?
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          #####################################
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        export x0=0 ndiv=100 nmav=3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    fhe=${d1}/hist-C${CpG}.eps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       fpdg=$d1/ProbDistSpeaker
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              cp $tmp/hist.eps $fhe
#gv $fhe& #disp result
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           echo $cmd; $cmd
```

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5415 for CpG in "p" "tp" "to" "o"; do #CLASS of pG; p(prompted), tp(transient of prompted), o(other), to 5416 fout=pG$(CpG); pp $\frac{1}{2}$ for CpG in p,t or o $\frac{1}{2}$ for CpG in p,t or o $\frac{1}{2}$ fout $\frac{1}{2}$ for CpG in p,t or o $\frac{1}{2}$ fout $\frac{1}{2}$ for CpG in p,t or o $\frac{1}{2}$ fout $\frac{1}{2}$ fout $\frac{1}{2}$ for CpG in p,t or o $\frac{1}{2}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              5367 set yrange [0:1.3]; set style data boxes; #set style data histeps
5368 set ter boxder 1c rogb "black"
5368 set term toffiset output "fpdg.obj",
5369 set term toffiset output "fpdg.obj",
5370 plot "fpdg dat" using 1:(\$2*\$2+\$4+\$5) lc rgb "blue" t "PromptedSpeaker", "" using 1:(\$3*\$4+\$5) lc rgb "yellow" t "TransientDrompted", "" using 1:(\$4+\$5) lc rgb "yellow" t "TransientOther", "" using 1
                                       5360 ##cat $fhg.dat|awk '{posum=$1:plsum=$2:p2sum=$3:psum=p0sum+plsum+p2sum;printf("%e %e %e %e\n",$4, p0
sum/psum,plsum/psum,p2sum/psum);}' >> $fpdg.dat
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      5397 cat ${fout}.output >> ${foutall}.output;
5398 cat ${fout}.target >> ${foutall}.target; ###all
5399 cane #for Cpd In "p" "tp" "co" "o" ; do #CLASS of pG; p(prompted), tp(transient of prompted), o(othe
5399 done #for Cpd In "p" "tp" "co" "o" ; do #CLASS of pG; p(prompted), tp(transient of prompted), o(othe
5400 cmd="evalloss4pG p:${fpdg}.dat t:${ftgtall}.target o:${foutall}.output vth:0.5:0";echo -n "#${cmd}##
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  export figt=C$(ctgt);
awk 'BEGIN{ctgt=ENVIRON["ctgt"];ntest=ENVIRON["ntest"];for(i=0;i<ntest;i++) print Ctgt;}' > ${ftgt},
#cat $fhg.dat|awk 'BEGIN{wp0=ENVIRON["wp0"];wp1=ENVIRON["wp1"];wp2=ENVIRON["wp2"];wp3=ENVIRON["wp3"]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       set term postscript.set output "\$fpdg.eps".replot set term postscript.set output "\$fpdg-pGdist.eps".plot "<math>\$fhg.dat" using 5:(\\xi1+\\xi2+\\xi3+\\xi4) lc rgb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            cmd="evalloss4pG p:${fpdg}.dat t:${ftgt}.target o:${fout}.output vth:0.5:0";echo "#${cmd}##";
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      #show p(c_i|p_G)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ###a11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            cmd="gv $fpdg.eps"; echo "Exec $cmd."; $cmd& #show p(c_i cmd="gv $fpdg-pGdist.eps"; echo "Exec $cmd."; $cmd& #show p(pG)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  foutall=pgall:cat 'dev/null > {foutall}.output ###all
ftgtall=Ctgtall:cat /dev/null > ${ftgtall}.target
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                fpdg=$d1/ProbDistSpeaker #defined above
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  5418 export ftgt=C${Ctgt};

5419 awk 'BEGIN{Ctgt=ENVIRON["Ctgt"];ntest=Earaget #mktarget $Ctgt $ntest > ${ftgt}:target 5420 #
5421 cmd="evalloss4pg p:${fpdg}.dat t:${ftgt
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         cat /dev/null > cfm.dat
for Ctgt in 0 1 2 3; do #target class
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ###################################
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ###################################
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     gnuplot <<EOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       green" t "p(p_G)'
5373 quit
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ###show
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              quit
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      EOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       5371
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```

DTCGCp=30,20:30,15:30,10:30,5:30,20:30,15:30,10:30,5:20 ##DTCGCp=30,20:20,15:20,10:20,5:20#DT

export

n wpi #Confusion Matrix for gibbs:1:1:0.25;DTCt=2;SiCs=2;tdR=4

COGP=TOO.ALTOOLYTOOLYTOON DISCONDING MACHINE OF THE LOCAL TOOLYTOON DISCONDING MACHINE OF THE LOCAL DISCONDING DISCO

C0 C1 C2 C3 n wp1 #contaction Matrix for gibbs:1:1:0.3:100;DTCt=2;SiCs=2;tdR=4 (0.763 0.102 0.700 0.005 2994000 100 #p00 p01 p02 p03 n0 wp0 for trarget C0=Cp (0.622 0.299 0.055 0.004 56000 100 #p00 p01 p02 p03 n0 wp0 for trarget C1=Ctp (0.63 0.055 0.004 56000 100 #p00 p01 p02 p03 n0 wp0 for trarget C1=Ctp (0.036 0.012 0.588 0.365 59500 100 #p00 p01 p02 p03 n0 wp2 for target C2=Cto (0.036 0.015 0.760 0.865 85600 100 #p00 p03 p03 p02 p03 n3 wp2 for target C3=Co (0.994 0.006 5896 #p00 p03 N0 for target C1=Cp (0.994 0.006 5896 #p00 p03 N0 for target C1=Cp (0.994 0.006 5896 #p00 p03 N0 for target C1=Cp (0.994 0.006 5896 #p00 p03 N0 for target C1=Cp (0.899 1.266000 #pNT 1-PNT num-of-all-data

with if(fabs(test->logit[t])==test->lmax){

```
5436 printf("%.3f %.3f %.3f %.3f %6d %g #p20 p21 p22 p23 n2 wp2 for target C2=Cto\n",1-p[2],1-p[6],1-p[10],1-p[11],n[2],mp2);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        5424 cat ${fout}.output >> ${foutall}.output; $
5425 cat ${fout}.target >> ${foutall}.target; ###all 5426 done #for CpG in "p" "tp" "to" 'o ## #foutall 5426 done #for CpG in "p" "tp" "to" 'o # #foutall 5427 done #for Cfg ther) #LoopLevell: for CpG  #LoopLevell: fo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              .1-p[12],n[0],wp0),
5435 paint("4.3f %.3f %.3f %.3f %.6d %g #p10 pl1 pl2 pl3 nl wp1 for target Cl=Ctp\n",1-p[1],1-p[5],1-p[9],
1-p[13],n[1],wp1);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          n wpi #Confusion Matrix for %s;DTCt=%s;SiCs=%s;tdR=%s\n",gibb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            s.DTCt,SiCs,tdR);
5434 printf("%.3f %.3f %.3f %.3f %6d %9 #p00 p01 p02 p03 n0 wp0 for target C0=Cp\n", 1-p[0],1-p[4],1-p[8]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           5437 printf("%.3f %.3f %.3f %.3f %6d %9 #p30 p31 p32 p33 n3 wp2 for target C3=Co\n", 1-p[3],1-p[7],1-p[11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              cat cfm.dat | awk 'BEGIN{1=0;wp0=ENVIRON["wp0"];wp1=ENVIRON["wp1"];wp2=ENVIRON["wp2"];wp3=ENVIRON["w
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        gibbs=ENVIRON["gibbs"];DTCt=ENVIRON["DTCt"];SiCs=ENVIRON["Sics"];tdR=ENVIRON["tdR"];}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 printf("# C0 C3 N #Modified Confusion Matrix\n");
printf("#.31 %.31 %9 #p00 p03 N0 for target C0=Cp\n",p00,p03,N0);
printf("%.31 %.31 %9 #p30 p33 N3 for target C3=Co\n",p30,p33,N3);
printf("%.31 %.31 %0.1 #bVT 1-PNT num-of-all-data\n",NT/nsum,1-PNT/nsum,nsum);
readmecan2mspeech.txt
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      echo "#${gibbs};DTCt=$DTCt;SiCs=$SiCs";
                                                                                                                                                                                                   $cmd | awk '{print $2,$6;}' >> cfm.dat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1,1_p[15],n[3],wp3);
5438 nsumenf01+n[1]+n[2]+n[3];
5438 00c0c(1-p[0])*n[0]*(1-p[1])*n[1];
5449 P03=(1-p[0])*n[0]+(1-p[1])*n[1];
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   P30=(1-p[2])*n[2]+(1-p[3])*n[3];
P33=(1-p[14])*n[2]+(1-p[15])*n[3];
N3=P30+P33;P30/=N3;P33/=N3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          C3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Ç2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  {p[1]=$1;n[1]=$2;1++;}END{
printf("\n# C0 C1 C
Jun 19 2021 08:15:37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               P3T=1-P30-P33;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NT=nsum-N0-N3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         POT=1-P00-P03;
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```
n wpi #Confusion Matrix for gibbs:1:1:0.3;DTCt=0;SiCs=2;tdR=4 ###best w
                                                                                                                                                                                                                                                                                                                                                                                                                                                        # CO C1 C2 C3 n wpi #Confusion Matrix for gibbs:1:1:0.3;DTCt=1;SiCs=2;tdR=4
0.274 0.2670 0.045 0.001 1470000 100 #p00 p01 p02 p03 no wpo for target CO=Cp
0.274 0.668 0.106 0.012 10500 100 #p01 p01 p01 p01 wpi for target CO=Cp
0.021 0.074 0.886 0.070 10500 100 #p10 p11 p12 p13 nl wpl for target C1=Ctp
0.021 0.074 0.886 0.070 10500 100 #p20 p11 p12 p13 nl wpl for target C2=Cto
0.005 0.025 0.100 0.0869 295000 100 #p30 p131 p32 p33 n3 wp2 for target C3=Co
1 NHOOALical Confusion Matrix
0.098 0.002 112959 #p00 p30 NO for target C0=Cp
0.097 0.993 254802 #p30 p33 N3 for target C3=Co
0.007 0.993 254802 #p30 p33 N3 for target C3=Co
0.007 0.993 254802 #p30 p31 N3 for target C3=Co
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 # C0 C1 C2 C3 n wpi #Confusion Matrix for gibbs:1:1:0.3;DTCt=4;SiCs=2;tdR=4
0.785 0.170 0.039 0.006 115500 100 #p00 p01 p02 p03 no wpo for target C0=Cp
0.725 0.223 0.044 0.007 42000 100 #p00 p01 p12 p13 ni wpl for target C1=Ctp
0.029 0.006 0.467 0.498 52500 100 #p20 p21 p22 p23 n2 wp2 for target C1=Ctp
0.023 0.011 0.92 0.874 248500 100 #p20 p21 p22 p23 n2 wp2 for target C2=Cto
0.023 0.011 0.92 0.874 248500 100 #p20 p21 p32 p33 n3 wp2 for target C3=Co
0.029 0.001 122104 #p00 p03 N0 for target C0=Cp
0.029 0.971 255572 #p30 p33 N1 for target C3=Co
0.187 0.813 458500 #ppr 1-ppr num-of-target C3=Co
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               # CO C1 C2 C3 n wpi #Confusion Matrix for gibbs:1:1:0.3;DTCt=0;SiCs=2;tdR=3 0.960 0.000 0.000 0.040 157500100 #900 P01 P02 P03 n0 wp0 for target C0=Cp nan nan nan nan nan 0 100 #p10 p11 p12 p13 n1 wp1 for target C1=Ctp nan nan nan nan nan 0 100 #p10 p11 p12 p13 n1 wp1 for target C1=Ctp n2 0.000 0.000 0.000 0.000 p20 p20 p21 p22 p23 n2 wp2 for target C3=Ctc n2 0.025 0.000 0.000 0.975 304500 100 #p30 p31 p32 p33 n3 wp2 for target C3=Cc n3 N #Modified Confusion Matrix
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         # C0 C1 C2 C3 n wpi #Confusion Matrix for gibbs:1:1:0.3;DTCt=3;SiCs=2;tdR=3 C3T97 0.121 0.021 0.000 126000 100 #900 ppl p02 p03 no wpo for target C0=Cp 0.311 0.514 0.659 0.007 31500 100 #900 ppl p02 p03 no wpo for target C0=Cp 0.004 0.146 0.650 0.007 31500 100 #920 ppl p02 p03 no wpo for target C1=Ctp 0.004 0.146 0.616 0.233 38500 100 #920 ppl p2 p3 n2 wpl for target C2=Ctp 0.00 0.004 0.108 0.888 266000 100 #920 ppl p32 p33 n3 wpl for target C3=Co C0 C3 N #ModAified Confusion Matrix 0.007 0.009 0.002 110493 #900 ppl N for target C0=Cp 0.001 0.999 0.002 245332 #930 ppl N for target C3=Co 0.230 0.770 462000 #NNT num-C1=1.4cata
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               22
                                                                                                                                                                                                                               $10.00 \text{ $0.00 \text{ $0.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           n wpi #Confusion Matrix for gibbs:1:0.2:0;DTCt=2;SiCs=2;tdR=4 ***best B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            n wpi #Confusion Matrix for gibbs:1:1:0.3;DTCt=2;SiCs=2;tdR=4 ###best u
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 export DTGoCp=30,20:20,15:20,10:20 ##DTGoCp=30,20:20,15:20,10:20,5:20#DTGoCp=TGo1,TGp1:TGo2,TCp2:TGo
949 0.775 0.789 0.789 0.789 0.789 0.780 0.780 0.800 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.780 0.
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```
5694 cat /dev/nnil > resultsum.dat
5695 cat /dev/nnil > resultsum.dat
5696 cat /dev/nnil > resultsum.dat
5696 cat /dev/nnil > resultsum.dat
5697 fbg=$tmp/histSpeaker.cat /dev/nnil > $fhg.dat #Initialize #LoopLevell:for ics for set 2rd option o
5698 for ics in $5ics do
6 test:7:....
5699 for xx in 0 1 2 3 4 5 6; do sp=-1;
5699 for xx in 0 1 2 3 4 5 6; do sp=-1;
5700 if ["$d2sep" = ":"]; then #ytm:1:0.9:1000 or ytm:1:0.9:200 or ytm:1:0.0 or ytm:1:0.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              :..:$1cs:...
5691 export wp0=100 wp1=100 wp2=100 wp3=100; #weight of posterior distribution of probabilistic predictio
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             5706 cmd="%prog fs:%{d2}\oob4s_-1N40mbas2_300_1.6_18x${sx}\.y nSDL:7:10:10 pmin:0.01 ytm:1:0.9:1000 $gibbs $beta ver:-2 pApAd:${pAs}:s{pApA:$PAs}.15{pAp}.15{pAs}:s{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$PAs}.15{pApA:$
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             #done #LoopLevell:for iCs $SiCs,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    export DICoCp=30,20:20,15:20,10:20 ##DICoCp=30,20:20,15:20,10:20,5:20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        tmp/psd.dat"
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#wc psdsum.dat tmp/psd.dat
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readmecan2mspeech.txt	
Jun 19 2021 08:15:37	

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set term postscript/set output "$fntpG.eps", plot "resultsum.dat" using 1:2 w l lc rgb "blue" plot "resultsum.dat" using 1:2 (\frac{3}{2}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}-\frac{4}{3}
                                                                                                                                                                                                                                                               ### the following takes a lot of time to display via gnuplot
###show t vs. pg of resultsum.dat
fntpg="tmp/t-pgmean"
```

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5874
5875
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$12 fpd63641/ProbbistSpeaks.

$13 fpd63641/ProbbistSpeaks.

$14 cpd63641/ProbbistSpeaks.

$15 fpd6364 $fing.dat $tmp/histLidat (print $1)'> tmp/histLidat;paste $tmp/histLmp.da

$15 tmp/histLidat $ffng.dat $ffng.dat

$18 cat (dev/hull > $fpdg.dat

$18 cat (dev/hull >
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    иe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       5821 ##cat $fhg.dat|awk '{p0sum=$1;p1sum=$2;p2sum=$3;psum=p0sum+p1sum+p2sum;printf("%e %e %e %e\n",$4, p0sum-psum,p2sum/psum);}' >> $fpdg.dat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     5828 set yrange [0:1.3]; set style data boxes; #set style data histeps
5829 set text style fill solid boxder lot rgb "black"
5830 set text tgifiset output "fpdg.obj",
5831 plot "fpdg.dat" using 1:(\$2+\$3+\$4+\$5) lo rgb "blue" t "Prompted Speaker", "" using 1:(\$3+\$4+\$5) lo rgb "yellow" t "Transient prompted", "" using 1:(\$4+\$5) lo rgb "yellow" t "Other Prompted", "" using 1:(\$5) lo rgb "yed" t "Other Speaker"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        target #mktarget %Ctgt %ntest > %{ftgt}.target

857 cmd="evallosexpp b; kftggt].target

858 cat %{ftout}.output >> %{ftgtall}.target; ##all

885 cat %{ftout}.output >> %{ftgtall}.target; ##all

885 cat %{ftout}.output >> %{ftgtall}.target; ###all

886 done #for CpG flin "p" "tp" "to" "o"; id o #CLASS of pG; p(prompted), tp(transient of prompted), o(othe

586 done #for CpG flin "p" "tp" "to" "o"; id o #CLASS of pG; p(prompted), tp(transient of prompted), o(othe

586 cond="evalloss4pG p:%{ftpdg}.dat t:%{ftgtall}.target o:%{foutall}.output vth:0.5:0"; echo -n "#%{emd}##
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  done #for CpG in "p" "tp" "to" "o" ; do #CLASS of pG; p(prompted), tp(transient of prompted), o(othe rransient of other) #LoopLevell: for CpG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          awk 'BEGIN{Ctgt=ENVIRON["Ctgt"];ntest=ENVIRON["ntest"];for(i=0;i<ntest;i++) print Ctgt;}' > ${ftgt}
                                                                                                                                                                                                                  op $tmp/hist.eps $fhe #9 $fhe 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Ct, Co,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ### insert first column to be the value of pg, while 2,3,4 columns P(c_i|p_G) for c_i=Cp,
                                                           cmd="histmav1-onsei $x0 $ndiv $nmav ${fbr}_PPtrain.dat"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ####################################
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                                                                                                                                                                    fhe=${d1}/hist-C${CpG}.eps
export x0=0 ndiv=100
                                                                                                                      $ cmg
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              gnuplot <<EOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             r), to(transient of
5808 ##########
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ##########
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ##########
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           sleep 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         5810
5811
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  5826
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1-P[11] n[1], wp], significally a control of the co
                                                                                                                                                                                                                                                                                                                                                                                                                                                         5876 for CpG in "p" "tp" "tp" "co" ; do #CLASS of pG; p(prompted), tp(transient of prompted), o(other), to (transient of other) #LoopLevell: for CpG 5877 fout=pG$(CpG); pp ${cpd}; prest.dat ${fout}.output; #output file to be classified as C 5878 export ness="wo ${fout}.output $1}".
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               5885 cat ${fout}.output >> ${foutall}.output;
5886 cat ${ftot}.target >> ${ftotall}.target: ###all
5887 done #for CpG in "p" "tp" "to" 'o # #ftaSS of pG; p(prompted), tp(transient of prompted), o(othe
'r), to(transient of other) #LoopLevell: for CpG
5888 done #for Ctgt
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1-p[12],n[0],wwo);
5896 printf("%:3f %.3f %.3f %.3f %6d %9 #pl0 pl1 pl2 pl3 nl wpl for target Cl=Ctp\n",1-p[1],1-p[5],1-p[9]
7.p[13],n[1],wpl);
                                                                                                                                                                                                                                                                                     #LoopL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            cat cfm.dat | awk 'BEGIN{1=0;wp0=ENVIRON["wp0"];wp1=ENVIRON["wp1"];wp2=ENVIRON["wp2"];wp2=ENVIRON["w
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             printf("%.3f %.3f %.3f %.3f %.3f %ed %g #p00 p01 p02 p03 n0 wp0 for target C0=Cp\n", 1-p[0],1-p[8]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               awk 'BEGIN{Ctgt=ENVIRON["Ctgt"]:ntest=ENVIRON["ntest"];fox(i=0:icntest;i++) print Ctgt;}' > ${ftgt}.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      n wpi #Confusion Matrix for %s;DTCt=%s;SiCs=%s\n",gibbs,DTCt,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             cmd="evalloss4pg p:${fpdg}.dat t:${ftgt}.target o:${fout}.output vth:0.5:0";echo "#${cmd}##";
$cmd | awk '{print $2,56:}' >> cfm.dat
                                                                                                                                                                                                                                                                                                                                                                       echo "#For Target Class $Ctgt, evall loss of p(rompted), t(ransient), o(ther) data.
                                                                                                                                        ###all
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         gibbs=ENVIRON["gibbs"];DTCt=ENVIRON["DTCt"];SiCs=ENVIRON["SiCs"];}
d0=~/sotu/2015/can2b
fpdg=2dl/problstSpeaker #defined above
[coutall=pgall:cat /dev/null > ${foutall=pgall:cat /dev/null > ${foutall-tgall}.catget
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    5880 awk 'BEDIN(CEGLENVIRON["CEGL"):ntest=ENVI

5881 #kktarget $Ctgt $ntest > ${ftgt}.target

5882 amd="evalloss4pg p:${fpdg}.dat t:${ftgt}.t

5883 cmd | awk '{print $2,$6'}. >> offm.dat

5884 # $cat ${fout}.output >> ${foutall}.output,

5886 cat ${fctt}.target >> ${foutall}.target;

5887 done #for ¿pd in 'p" 'tp' 'to' 'o' 'do #Q
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 echo "#${qibbs};DTCt=$DTCt;SiCs=$SiCs";
                                                                                                                                                                                                                               cat /dev/null > cfm.dat
for Ctgt in 0 1 2 3; do #target class
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Ç2,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          {p[1]=$1;n[1]=$2;1++;}END{
printf("\n# C0 C1 C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         export ftgt=C${Ctgt}
                                                                                                                                                                                                                                                                                                                                                                                                                        export Ctgt;
```

0.924

0.076

C0 C1 0.962 0.003 (0.629 0.130 (0.162 0.003 (0.003 0.003 (

0.082

C0 0.918 0.039 0.057

C3

C0 C1 0.961 0.014 (0.162 0.0162 0.005 (0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.003 0.001 0.001 0.001 0.001 0.001 0.001

C0 0.964 0.002 0.738 0.022 0.164 0.001 0.005 0.001 0.916 0.984 0.041 0.959 0.037 0.953

C1 0.000 0.002 0.000 0.001

CO 0.760 0.165 0.006 0.908 0.0022

0.092 0.959 0.978

C1 0.020 0.189 0.080

0.083

C3

C0 0.546 0.546 0.001 0.001 # C0 0.917 0.038

0.016 0.178 0.055 0.004

C0 0.536 0.162 0.001 # C0 0.017 0.038 0.084

0.083

C1 0.013 0.198 0.062 0.004

C0 0.960 0.511 0.051 0.001 # C0 0.916 0.038

0.962

CO C1 C2 C3 n wpi #Confusion Matrix for gibbs:11:2.2:0.3;DTCt=5;SiCs=2 0.960 O.155 0.024 0.001 10:5000 100 #pi0 pot 102 0.903 n overget C0=Cp 0.452 0.290 0.037 0.220 55500 100 #pi0 pot 102 0.903 n overget C1=Ctp 0.162 0.105 0.251 0.481 66500 100 #pi0 pi1 pi2 pi3 ni wpi for target C1=Ctp 0.162 0.105 0.251 0.481 66500 100 #pi0 pi1 pi2 pi3 ni wpi for target C2=Cto 0.001 0.004 0.008 0.997 245000 100 #pi0 pi1 pi2 pi3 ni wp2 for target C3=Co 0.001 0.004 0.008 0.997 245000 100 #pi0 pi1 pi2 pi3 ni wp2 for target C3=Co 0.94 0.086 13:8189 #pi0 pi3 N0 for target C0=Cp 0.998 469000 #PNT 1-PNT nim-of-all-data # CO C1 C2 C3 n wpi #Confusion Matrix for gibbs:1:1.2:0.3;DTCt=5;SiCs=2 0.941 0.222 0.036 0.001 105000 100 #p00 pp1 pp2 pp3 no wpo for target C0=Cp 0.162 0.264 0.149 0.228 55500 100 #p00 pp1 pp2 pp3 no wpo for target C1=Ctp 0.062 0.002 0.009 0.968 25500 100 #p20 pp1 pp2 pp3 n wpi for target C1=Ctp 0.000 0.000 0.002 0.009 0.968 25500 100 #p20 pp1 pp2 pp3 n3 wp2 for target C2=Cto 0.000 0.000 0.000 0.968 25500 100 #p20 pp1 pp2 pp3 n3 wp2 for target C3=Co 0.000 0.000 0.000 0.000 pp1 pp2 pp3 n3 m3 wp2 for target C3=Co 0.999 0.101 12010 #p00 pp3 N0 for target C0=Cp 0.041 0.559 253826 #p30 pp3 N3 for target C0=Cp 0.041 0.559 263826 #p30 pp3 N3 for target C3=Co 0.041 0.899 pp1 pp2 pp3 N3 for target C3=Co 0.041 0.059 2600 #pvN 1-PvN nuc-Ca-al-data C2 C3 n wpi #Confusion Matrix for gibbs:1:0.8:0.33DTCt=5;SiCs=2 0.125 0.021 105000 100 #p00 pot pot 20 pot pot Care target C0=Cp 0.191 0.337 55500 100 #p10 pot pot 20 pot pot carget C1=Ctp 0.397 0.215 66500 100 #p10 pil p12 pi3 nl wpl for target C1=Ctp 0.397 0.215 66500 100 #p20 p21 p22 p23 n2 wp2 for target C2=Cto 0.012 0.872 245000 100 #p20 p21 p22 p23 n3 wp2 for target C3=Co N #Modified Confusion Matrix 103530 #p00 p03 N0 for target C0=Cp 24754 #p30 p33 N3 for target C0=Cp 24754 #p30 p33 N3 for target C3=Co # CO C1 C2 C3 nw pi #Confusion Matrix for gibbs:1:1:0.3;DTCt=5;SiCs=2 0.911 0.049 0.070 0.001 105000 100 #p00 pol poz pos pos more farget colecpe 0.056 0.498 0.222 0.233 52560 100 #p10 pll pl2 pl3 nw pp for target C1=Ctp 0.170 0.207 0.411 0.213 66500 100 #p20 pl pl2 pl3 nw pp for target C1=Ctp 0.000 0.065 0.099 0.926 245000 100 #p20 pl3 pl3 pl3 nw pl for target C1=Ctp # C0 C3 N #Modified C010 #p20 pl3 pl3 pl3 ns wp2 for target C3=Co 0.890 0.101 110460 #p00 pl3 Ns for target C0=Cp 0.466 0.955 25340 #p30 pl3 Ns for target C0=Cp 0.466 0.955 25340 #p30 pl3 Ns for target C0=Cp 0.226 0.774 469000 #ppT 1-ppT num-of-all-data # C0 C1 0.354 0.017 0 0.364 0.137 0 0.000 0.005 0 # C0 C3 0.911 0.089 0.033 0.961 # C0 C1 0.956 0.015 0 0.162 0.173 0 0.000 0.005 0 # C0 C3 0.908 0.092 0.039 0.961 # C0 C1 0.951 0.022 0 0.152 0.218 0 0.000 0.008 0 # C0 C3 0.904 0.966 0.046 0.046 0.046 0.046 0.046 0.046 # C0 C1 0.854 0.019 0.0298 0.090 0.000 0.115 0.878 0.122 0.080 0.920 0.251 0.749 C2 C3 n wpi #Conflusion Matrix for gibbs:1:4.0:0.37pTct=5/8iCs=2
0.029 0.006 1000 #B00 p01 p02 p03 n0 wp96 for taxget CC=Cp
0.025 0.215 52500 1000 #B00 p1 p02 p03 n0 wp96 for taxget Cl=Ctp
0.168 0.667 65500 1000 #B02 p021 p22 p03 n2 wp2 for taxget C2=Cto
0.0.10 0.982 245500 1000 #B00 p1 p22 p03 n3 wp2 for taxget C3=Co
N #Modified Confusion Matrix
146905 #B00 p03 N0 for taxget C0=Cp
294454 #B00 p03 N0 for taxget C0=Cp
294654 #B00 p03 N3 for taxget C3=Co C2 C3 nwpi #Confusion Matrix for gibbs:1:3.0:0.37pTct=5/SiCs=2
0.022 0.003 105000 100 #B00 p01 p02 p03 n0 wp96 for target CO=Cp
0.051 0.215 52500 100 #B00 p01 p02 p03 n0 wp96 for target CO=Cp
0.173 0.600 65500 100 #B02 p021 p22 p03 n1 wp1 for target C1=Ctp
0.173 0.600 65500 100 #B02 p021 p22 p03 n2 wp2 for target C2=Cto
0.013 0.980 24500 100 #B00 p13 p2 p03 n3 wp2 for target C3=Co
N #Modified Confusion Matrix
104130 #B00 p03 N0 for target C0=Cp
291998 #B00 p03 N0 for target C0=Cp
469000 #BNT 1-BNT num-of-all-data C2 C3 n wpi #Confusion Matrix for gibbs:1:2.4:0.3;DTCt=5;SiOs=2
0.025 0.001 105000 100 #p00 p01 p02 p03 n wpoe for taxget CO=Cp
0.071 0.220 55500 100 #p10 p11 p12 p13 nh wpl for taxget Cl=Ctp
0.0257 0.519 65500 100 #p20 p21 p22 p23 n2 wp2 for taxget C2=Cto
0.009 0.966 245500 100 #p30 p31 p32 p33 n3 wp2 for taxget C3=Co
N #Modified Confusion Matrix
13322 #p00 p03 N0 for taxget C0=Cp
287102 #p30 p33 N3 for taxget C3=Co C2 C3 n wpi #Confusion Matrix for gibbs:1:6.0:0.3;DTCt=5;SiCs=2 0.012 0.024 105000 100 #p00 p01 p02 p03 n0 wpo for trarget CO=Cp 0.016 0.223 52500 100 #p10 p11 p12 p13 n1 wpi for target Cl=Cp 0.072 0.762 65500 100 #p10 p11 p12 p13 n1 wpi for target C2=Cto 0.012 0.912 45500 100 #p20 p21 p22 p23 n2 wp2 for target C2=Cto 0.012 0.912 45500 100 #p20 p31 p2 p33 n3 wp2 for target C3=Co N #Modified Contusion Matrix 155452 #p00 p03 N0 for target C0=Cp 30346 #p30 p33 N3 for target C3=Co 469000 #pNT 1-pNT num-of-all-data x for gibbs:11:2.8:0.3;DTCt=5;SiCs=2 n0 wp0 for target C0=Cp n1 wp1 for target C1=Ctp n2 wp2 for target C2=Cto n3 wp2 for target C3=Cto x for gibbs:1:3.0:0.3;DTCt=7;SiCs=2 n0 wp0 for target C0=Cp n1 wp1 for target C1=Ctp n2 wp2 for target C2=Cto n3 wp2 for target C3=Cto # CO C1 C2 C3 n wpi #Confusion Matrix 0.966 0.134 0.046 0.155 73500 100 ##POD 100 #POD 101 POD 1-PNT num-of-all-data #PNT 469000

C0 C1 0.896 0.015 0.476 0.001 0.089 0.049 0.089 0.110 0.129 0.871 0.094 0.906

C0 C1 0.889 0.015 0.003 0.453 (0.472 0.001) 0.089 0.049 0.129 0.049 0.129 0.111 0.096 0.904

readmecan2mspeech.txt

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```
for gibbs:1:10.3;DTCt=5;SiCs=2
00 wp0 for target CO=Cp
11 wp1 for target C1=Ctp
12 wp2 for target C2=Cto
13 wp2 for target C3=Co
                                                                                                                                                                                                                                                                                                                                                                                                            target CO=Cp
target C1=Ctp
target C2=Cto
target C3=Co
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         target CO=Cp
target C1=Ctp
target C2=Cto
target C3=Co
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   target C1=Cp
target C1=Ctp
target C2=Cto
target C3=Co
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               target CO=Cp
target C1=Ctp
target C2=Cto
target C3=Co
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target C1=Ctp
target C2=Cto
target C3=Co
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target C1=Ctp
target C2=Cto
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for
for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              WP0
WP1
WP2
WP2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           WP0
WP1
WP2
WP2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   C3 n wpi #Confusion Matrix 0.015 147000 100 #p100 p01 p02 p02 p03 n0 wp0 0.003 10500 100 #p10 p11 p12 p13 n1 wp1 0.017 10500 100 #p20 p21 p22 p23 n2 wp2 p2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                # CO C1 C2 C3 nwpi #Confusion Matrix for 0.911 0.019 0.070 0.0001 105000 100 #p00 pol p02 p03 n0 v 0.050 0.498 0.222 0.230 52500 100 #p00 pol p10 p12 p13 n1 v 0.170 0.207 0.411 0.213 65500 100 #p20 p11 p12 p13 n1 v 0.000 0.656 0.009 0.926 245000 100 #p20 p21 p22 p23 n2 v 0.000 0.650 0.000 0.926 245000 100 #p20 p21 p32 p33 n3 v 0.000 0.000 0.000 p03 N0 for target C0-Cp 0.045 0.955 252340 #p30 p31 N3 for target C3-Cp 0.256 0.774 469000 #PNT 1-PNT nsum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       # CO C1 C2 C3 C3 n wpi #Confusion Matrix 0.959 0.007 0.390 0.005 126000 100 #p00 p10 p02 p03 no v0.293 0.344 0.007 0.356 31500 100 #p10 p11 p12 p13 n1 v0.277 0.013 0.272 0.488 38500 100 #p20 p21 p22 p23 n2 v0.200 0.013 0.003 0.983 273000 100 #p20 p11 p32 p33 n2 v0.200 0.013 0.003 273000 100 #p30 p31 p32 p33 n3 v4 confusion Matrix 0.31 141908 #p00 p03 N0 for target C0-Cp 0.056 0.944 29586 #p30 p33 N3 for target C3-C0 0.067 0.933 469000 #ppt7 1-ppt7 nsum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   #gibbs:1:1:0;DTCt=1;SiCs=2 #NG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              #gibbs:1:1:0.2;DTCt=2;SiCs=2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                #gibbs:1:1:0.1;DTCt=2;SiCs=2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           #gibbs:1:1:0;DTCt=3;SiCs=2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     # C0 C1 C2
0.078 0.013 0.894 0
0.004 0.992 0.001 0
0.008 0.005 0.971 0
                                                                                                                                                                             # C0 C1
0.911 0.019 0
0.050 0.498 0
0.170 0.207 0
0.000 0.065 0
0.000 0.065 0
0.045 0.955 0
0.226 0.774
      # CO C1 C2 C3 n wpi #Confusion Matrix; gibbs:11.1.2:0;DTCt=2;SiCs=2 best??
0.266 0.020 0.020 0.066 136500 100 #900 p01 p01 p03 no wpo for target C0=Cp
0.256 0.202 0.017 0.524 21000 100 #910 p11 p12 p13 nl wpi for target C1=Ctp
0.433 0.004 0.394 0.170 24500 100 #920 p21 p22 p23 n2 wpi for target C1=Ctp
0.003 0.003 0.104 0.996 287000 100 #920 p21 p22 p23 n3 wpi for target C2=Cto
0.003 0.003 0.998 0.87000 100 #920 p31 p22 p23 n3 wpi for target C3=Co
0.200 0.80 148239 #p00 p33 N0 for target C1=Cp
0.900 0.961 296894 #930 p33 N3 for target C3=Co
0.949 0.961 1.96000 #PNT nsum
C2 C3 0.03 136500 l00 #BCOnfusion Matrix for gibbs:1:1:0.3;DTCt=2;SiCs=2 0.063 0.027 136500 l00 #BCD p03 n0 wpof for target C0=Cp 0.000 0.544 21000 50 #BCD p1 p12 p13 n1 wpl for target C1=Ctp 0.376 0.147 24500 50 #BCD p1 p12 p13 n1 wpl for target C1=Ctp 0.030 0.859 287000 l00 #BCD p1 p2 p23 n2 wp2 for target C2=Cto N #Mcdified Coffusion Matrix 200 p1 p2 p3 n3 wp2 for target C3=Cc 287340 #BCD p3 N0 for target C0=Cp 287340 #BCD p33 N3 for target C0=Cp 287340 #BCD p33 N3 for target C0=Cp 287340 #BCD p33 N3 for target C3=Cc 46900 #BCT -PDT nnm-of-all-data
                                                                                                                                                                           C2 C3 no wpi #Confusion Matrix for #gibbs:1:1:0;DTCt=2;SiCs=2
0.028 0.005 136500 100 #pt00 pt0 pt02 pd3 no wpo for target Cocep-
0.020 0.526 21000 100 #pt0 pt1 pt2 pt3 nt wpi for target C1=Ctp
0.036 0.157 24500 100 #pt0 pt1 pt2 pt3 nt wpi for target C1=Ctp
0.050 0.981 287000 100 #pt0 pt1 pt2 pt3 nt wpi for target C3=Co-
N #Modified Confusion Matrix
144432 #pt0 pt3 Nt for target C0=Cp
296314 #pt0 pt3 Nt for target C3=Co-
469000 #pt0T1-pt7 nsum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            C2 C3 n wpi #Confusion Matrix; gibbs:1:1.6:0;DTCt=2;SiCs=2
0.018 0.016 136500 100 #p00 p01 p02 p03 no wpo for target C0=Cp
0.009 0.520 210000 100 #p10 p11 p12 p13 n1 wpl for target C1=Ctp
0.198 0.358 24500 100 #p20 p11 p12 p13 n1 wpl for target C1=Ctp
0.009 0.979 28700 100 #p20 p11 p12 p23 p33 n2 wp2 for target C2=Ctc
0.009 0.979 28700 100 #p20 p11 p32 p33 n3 wp2 for target C3=Cc
N #Modalfied Confusion Matrix
154308 #p00 p03 N0 for target C0=Cp
302099 #p30 p33 N3 for target C3=Co
469000 #pp17 1-pp17 nsum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    x; gibbs:1:1.4:0;DTCt=2;SiCs=2
n0 wp0 for target C0=Cp
n1 wp1 for target C1=Ctp
n2 wp2 for target C2=Cto
n3 wp2 for target C3=Co
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   x; gibbs:1:0.8:0;DTCt=2;SiCs=2
n0 wp0 for target C0=Cp
n1 wp1 for target C1=Ctp
n2 wp2 for target C2=Cto
n3 wp2 for target C3=Co
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         C2 C3 n wpi #Confusion Matrix; gibbs:1:2:0;DTCt=2;SiCs=2
0.001 0.549 136500 100 #p00 p01 p02 p03 n wp pf cr target C0=Cp
0.000 0.519 2.1000 100 #p10 p11 p12 p13 n wpi for target C1=Cp
0.003 0.563 24500 100 #p20 p21 p22 p23 n2 wp2 for target C1=Ctp
0.003 0.581 28700 100 #p20 p21 p22 p23 n3 wp2 for target C2=Cto
0.00 0.981 28700 100 #p30 p31 p22 p33 n3 wp2 for target C3=Co
N #ModAifed Confusion Matrix
155608 #p30 p33 NG for target C0=Cp
307696 #p30 p33 n5 or target C3=Co
469000 #pvn 1-pvn nsum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  C1 C2 C3 n wpi #Confusion Matrix; gil

000 0.026 0.010 136500 100 #g00 pol pol pol pol mol mol

00 0.025 0.520 21000 100 #pl0 pil pil pil pil ni ni

00 0.025 0.271 24500 100 #pl0 pil pil pil pil ni ni

00 0.016 0.978 28700 100 #pl0 pil pil pil pil ni ni

N #Modified Confusion Matrix

80 153489 #pl0 pol no for target C0=Cp

645000 #plN 1-PNT nsum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   C1 C2 C3 n wpi #Confusion Matrix; gil

200 0.017 0.008 136500 100 #p00 p01 p02 p03 n0 w

85 0.656 0.542 21000 100 #p10 p11 p12 p13 n1 w

43 0.263 0.159 24500 100 #p20 p11 p12 p13 n1 w

95 0.003 0.990 28700 100 #p30 p11 p32 p33 n3 w

N #Modified Confusion Matrix

87 143157 #p00 p03 N0 for target C0=Cp

63 298994 #p30 p33 N3 for target C3=Co
```

C0 C1 0.964 0.000 0.435 0.000 0.006 0.000 0.006 0.000 0.041 0.959 0.034 0.966

C0 C1 0.964 0.002 (0.458 0.012 (0.006 0.006 0.006 0.006 0.006 0.006 0.006 0.006 0.006 0.005 0.

C0 C1 0.956 0.011 0.034 0.045 0.001 0.013 0.001 0.013 0.037 0.963 0.037 0.963

C1 0.020 0.385 0.143

C0 0.099 0.436 0.001 0.001 # C0 0.913 0.037

0.087

0.001 0.023 0.003 0.001

C0 0.963 0.458 0.006 # C0 0.040 0.040

0.960.0

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           5418
55420
55421
55422
55423
5424
55425
55425
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        target CO=Cp
target C1=Ctp
target C2=Cto
target C3=Co
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  target CO=Cp
target C1=Ctp
target C2=Cto
target C3=Co
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  target CO=Cp
target C1=Ctp
target C2=Cto
target C3=Co
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  target CO=Cp
target C1=Ctp
target C2=Cto
target C3=Co
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  C0=Cp
C1=Ctp
C2=Cto
C3=Co
                                                                                                                                                                                                                                                                                                                                                                                                                           CO=CP
C1=Ctp
C2=Cto
C3=Co
                                                                                                                                             #gibbs:1:10;DTCt=0;SiCs=2

C1 C2
C3 n wpi #Confusion Matrix
0.899 0.000 0.000 0.101 157500 100 #p00 p01 p02 p03 n0 wpo for target C0=Cp nan nan nan nan 0 100 #p10 p11 p12 p13 n1 wpl for target C1=Ctp nan nan nan nan 0 100 #p20 p21 p22 p23 n2 wp2 for target C2=Cto 0.041 0.000 0.000 0.993 11500 100 #p30 p31 p32 p33 n3 wp2 for target C3=Cto # C0 C3 N #wodified Confusion Matrix
nan nan #p30 p33 N0 for target C3=Cc nan nan nan #p30 p33 N3 for target C3=Cc nan nan nan #p30 p33 N3 for target C3=Cc nan nan nan #p30 p33 N3 for target C3=Cc nan nan nan #p30 p33 N3 for target C3=Cc nan nan nan 469000 #pNT 1-pNT nsum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    n3 wp2 for target C3=Co
                                                                                                                                                                                                                                                                                                                                                                                                                             target C
target C
target C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          n wpi #Confusion Matrix

1 C2 C3

1 0.031 0.009 138500 100 #B00 p01 p02 p03 m0 p0 for tax

1 0.031 0.031 0.009 138500 100 #B00 p01 p02 p03 m0 p0 for tax

140 0.366 0.158 24500 100 #B20 p21 p12 p13 n1 wpl for tax

140 0.366 0.158 24500 100 #B30 p21 p22 p23 n2 wp2 for tax

100 0.004 0.990 28700 100 #B30 p21 p32 p33 n3 wp2 for tax

1 N #Modified Confusion Matrix

1 0.0011 #B00 p03 N0 for taxget C0=Cp

1 2.28970 #B30 p31 p3 for taxget C3=Co

141 469000 #BNT 1-PNT nsum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                # C0 C1 C2 C3 n wpi #Confusion Matrix

(0.959 0.007 0.030 0.005 126000 100 #p00 p01 p02 p03 n0 wp0 for t

0.293 0.344 0.0070 0.356 31500 100 #p10 p11 p12 p13 n1 wp1 for t

0.277 0.013 0.272 0.438 38500 100 #p30 p21 p22 p33 n3 wp2 for t

0.000 0.013 0.030 0.983 273000 100 #p30 p31 p32 p33 n3 wp2 for t

0.000 0.013 0.030 0.983 273000 100 #p30 p31 p32 p33 n3 wp2 for t

0.017 0.083 141908 #p00 p03 N0 for target C0=Cp

0.036 0.964 295886 #p30 p33 N3 for target C3=Co
                                                                                                                                                                                                                                                                                                                                                                          #gibbs:11:10.17pTct=1,5iCs=2 #NG

C2 C1 C2 C2

0.090 0.080 0.020 147000 100 #p00 p01 p02 p03 n0 wp0 for 10.004 0.099 0.000 0.006 14700 100 #p00 p01 p12 p13 n1 wp1 for 10.001 0.999 0.000 0.006 10500 100 #p00 p11 p12 p13 n1 wp1 for 0.011 0.099 0.975 0.013 10500 100 #p00 p12 p2 p3 n3 wp2 for 10.017 0.920 0.012 0.051 301000 100 #p30 p31 p32 p33 n3 wp2 for 10.017 0.920 0.012 0.051 301000 100 #p30 p31 p32 p33 n3 wp2 for 10.015 0.815 0.815 0.918 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      301000 100 #p30 p31 p32 p33
0.011 0.027 301000 100 #p30 p31 p32 p3
N #Modified Confusion Matrix
1374.6 #p00 p03 N0 for target C0=Cp
10195.5 #p30 p33 N3 for target C3=Co
469000 #NVT 1-PNT nsum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    #gibbs:1:1:0;DTCt=3;SiCs=2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           #DTCt=2;gibbs:1:1:0.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           #DTCt=5;gibbs:1:1:0
0.006 0.956 C
# C0 C3
0.837 0.163
0.185 0.815
0.949 0.051
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ## C0 C1
0.949 0.011
0.002 0.439
0.001 0.005
0.001 0.005
0.011 0.008
0.037 0.963
0.059 0.961
```

### ### ##############################							
### 1110.31PGE=1151G=2 C3 4700 Worl ### CONTINGE NATION C1 C2 C3 4700 100 ### CONTINGE NATION C0 C1 C3 C3 4700 100 ### CONTINGE NATION C0 C1 C3 C3 4700 100 ### CONTINGE NATION C0 C1 C3 C3 C0		CO=CP C1=Ctp C2=Cto C3=Co	C0=Cp C1=Ctp C2=Cto C3=Co	C0=Cp C1=Ctp C2=Cto C3=Co	= G t t = G	CO=CP C1=Ctp C2=Cto C3=Co	
### ### ##############################		target target target target	target target target target	target target target target	target target target target	9 9 9 9	
### ### ### ### ### ### ### ### ### ##		HOR HOR HOR	ROCK FOR FOR	for	LOR LOR LOR LOR	H O K H O K H O K H O K	
### ### ### ### ### ### ### ### ### ##		MP 1 MP 2 MP 2	450 451 452 453	МР 0 МР 2 МР 2	450 450 450 450 450	4 4 4 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
### High bas : 1:1:0.3 / DT ### High bas : 1:0.3 / DT ### High b		=2 n wpi #Confusion Matri 7000 100 #p00 p01 p02 p03 0500 100 #p10 p11 p12 p13 0500 100 #p10 p13 p22 p23 1000 100 #p30 p31 p32 p33 400 100 #p30 p31 p32 p33 p33 N0 for target C0=Cp p33 N3 for target C3=Co PNT nsum	n wpi #Confusion Matr 7000 100 #p00 p01 p02 p03 0500 100 #p10 p11 p12 p13 0500 100 #p20 p21 p22 p32 1000 100 #p30 p31 p32 p33 ed Confusion Matrix p03 N0 for target C0=Cp p33 N3 for target C3=Co	n wpi #Confusion 5000 100 #p00 p01 p0 5500 100 #p10 p11 p1 6500 100 #p20 p31 p3 600 100 #p30 p31 p3 ed Confusion Matrix 03 N0 for target CO- 33 N3 for target CO- -PNT nsum	n wpi #Confusion Matr 6000 100 #p00 p01 p02 p03 1500 100 #p10 p11 p12 p13 8500 100 #p20 p21 p22 p23 3000 100 #p20 p31 p32 p33 ed Confusion Matrix 33 N0 for target C0=Cp PNT nsum	n wpi #Confusion Matx 6000 100 #p00 p01 p02 p03 1500 150 #p10 p11 p12 p13 8500 150 #p30 p31 p32 p33 3000 100 #p30 p31 p32 p32 ed Confusion Matrix 603 n0 for target CG-CP 33 n3 for target C3-CO t nsum	
$\begin{array}{c} 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 $		0.095 0.095 0.095 0.798 0.081 0.233	11.gibbs:1:1 C1 C2 C3 C3 C.95 C.95 C.000 C.798 C.	DTCt=5;gibbs:1:10	DTCL=3; C0 C1 C2 C1 C2 C3 C1 C C44 C 0.447 C12 C C44 C 0.002 312 C C14 C 494 C0 C3 C C3 C3 C C3 C3 C C3 C3 C C3 C5 C C3 C6 C C3 C7 C C C3 C7 C C C3 C7 C C C C C C C C C C C C C C C C C C	CO C1 C2 7.84 0.052 0.158 0.00 0.617 0.004 2.95 0.015 0.110 0.03 0.112 0.018 0.03 0.112 0.018 0.04 0.952 2557 217 1017	
	6346	6344 6344 63448 63448 6352 748 75 75 75 75 75 75 75 75 75 75 75 75 75	6357 6358 6359 6360 6361 6362 6363 6363 6365 6365 6365	6368 6369 6370 6371 6372 6374 6375 6376 6376	6381 6381 6382 6384 6386 6386 6389 6389 6389	6 6 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	6406 6406 6407 6408 6409 6409 6410 6411 6411 6411 6411 6411 6411 6411

```
5586 #evalloss4pG p:../result-speaker_search/ProbDistSpeaker.dat t:CO.target 0:pGp.output vth:0.5:0## 0.0 0.036 0.449 0.499 3 147000 #LAVE,LACE,LNLP,LNLPD,nC ndata <-- LAVE=1-p00= 0.036=1-0.964
 ##0.007 0.018 0.975 301000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    n
147000 ‡
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                # C0 C1 C2 n
0.899 0.000 0.101 157500
nan nan nan 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       # C0 C1 C2 n
0.895 0.000 0.105 157500
nan nan nan 0
0.267 0.000 0.733 311500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               301000
                                                                                                                                                                                                                                                                                                                                                                                                       ########################
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ####################
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               DTCt=0;SiCs="2"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             DTCt=0;SiCs="3"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        #(d) DTCt=1;SiCs="3"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        対応する[4]の結果
#(a) DTCt=0;SiCs="2"
#(b) DTCt=1;SiCs="2"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 # C0 C1 C2
0.936 0.002 0.062 1
0.586 0.008 0.406 2
0.234 0.005 0.761 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              # C0 C1 C2
0.960 0.018 0.021 1
0.531 0.189 0.280 7
0.186 0.107 0.707 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              #p02=(n00+n01)/n0
#p12=(n10+n11)/n1
                                                                                                                                                                                                                                                                                                                                                                                                                                                            #p01=(n00+n02)/n0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      #p11=(n10+n12)/n1
#p21=(n20+n22)/n2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       #p22=(n20+n21)/n2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ##################
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    #DTCt=3;SiCs="3"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          an nan nan 0
個数n1=0で良い
                                                                                                      C1
0.912
0.988
0.976
                                                                                                                                                                    C1
0.922
0.992
0.987
                                                                                                                                                                                                                                                 20160220
(1) 過渡期間
                                                                                                     ### C0
###0.078
##0.006
                                                                                                                                                        ### C0
### 0.074
##0.005
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        # (a)
 5 0.181 0.548 0.271 70000 150 #pl0 pl1 pl2 nl wpl for target cl 0.0349045=(7000*0.548)/(12600+70000+2 are recognized undecidable. Should check how much data in C0 and C2 for 0.181 and 0.271 and 6.0.71 cl and 0.271 cl are recognized undecidable. Should check how much data in C0 and C2 for 0.181 and 0.271 cl are 122 nl ave 2 for target C2 0.0944883=6.012/(0.012+0.115)
                                                                                                                                                                                                                                                               and
                                                                                                                                                                                                                                                                                                                          #gibbs:1:1:0.3 DTCt=3 SiCs="2"; Seems good
# C0 C1 C2 n wpi #Confusion Matrix
0.809 0.183 0.008 126000 100 #p00 p01 p02 n0 wp0 for target C0 検索成功率p00'=0.990208=0.809/(0.809+
                                                                                                                                                                                                                                                             CO
                                                                                                                                                                                                                                                1=0.911/(0.911+0)=1
Should check how much data in
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ?pl1が小さいが良いか?
                                                                                                                                                                                                                                                                                                                                                                                                                                 wp0:wp1:wp2=100:150:100; Seems good?p11が小さいが良いか
20160224
#(1) まず、pijについて20160220を参照。
過数期間proce 増やして(=3や5など)、判定不能(undesidable)とする割合
(p01*n0-pp1*n1+p21*n2)/(n0+n1+n2))を増やし、
判定不能時刻を除いた時刻の語者検索成功率p00/(p00+p02)を上げることができるか
                                                                     gibbs:1:1:0.3は良い結果を与えるが、p10とp12の何%が指定話者であるかを調べないと、正確な検索圧解率が得られない
(2)20160202020[11][1]の実行結果。
wp0.wp1.wp2は[2-2]で指定
                                                         r target CO
r target C1
r target C2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ###gibbs:11:10.3 DTCt=1 SiCs="2"; Seems NG.
### CO C1 C2 n wpl #Confusion Matrix
### CO 0.026 147000 100 #p00 p01 p02 n0 wp0 for target CO
##0.021 0.978 0.002 21000 150 #p10 p1 p12 n1 wpl for target C1
##0.021 0.978 0.002 21000 150 #p10 p11 p12 n1 wp1 for target C2
##0.152 0.802 0.046 301000 100 #p20 p21 p22 n2 wp2 for target C2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     n wpi #Confusion Matrix
147001 01 #p00 p01 p02 n0 wp0 for target C0
21000 17 #p10 p11 p12 n1 wp1 for target C1
301000 10 #p20 p21 p22 n2 wp2 for target C2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     n wpi #Confusion Matrix
147000 10 #p00 p01 p02 n0 wp0 for target C0
21000 18 #p10 p11 p12 n1 wp1 for target C1
                                                                                                                                                                                                                                                                                                                                                                                                                                                          target C0
target C1
target C2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         n wpi #Confusion Matrix
1470001 ##p00 p01 p02 no wp0 for target CO
21000 1 #p10 p11 p12 ni wp1 for target Cl
301000 1 #p20 p21 p22 nz wp2 for target C2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     147000 1 #p00 p01 p02 n0 wp0 for target C0 21000 1 #p10 p11 p12 n1 wp1 for target C1 301000 1 #p20 p21 p22 n2 wp2 for target C2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             n wpi #Confusion Matrix
147000 1 #p00 p01 p02 n0 wp0 for target C0
21000 1 #p10 p11 p12 n1 wp1 for target C1
301000 1 #p20 p21 p22 n2 wp2 for target C2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    n wpi #Confusion Matrix
147000 100 #B00 p01 p02 n0 wpo for target
21000 175 #p10 p11 p12 n1 wp1 for target C
301000 100 #p20 p21 p22 n2 wp2 for target
                                                                                                                                                                                                                                                                                                                                                                                                                                           # CO C1 C2 n wpi #Confusion Matrix
0.961.035 0.0051.05000 100 #960 ppi poz no wpp for
0.335 0.138 0.468 119000 150 #pl0 pl1 pl2 nl wpl for
0.000 0.016 0.983 245000 100 #p20 p21 p22 n2 wp2 for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            wpi #Confusion Matrix
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 time-constant
                                                                                                                                                                                                                                                                                                                                                                                                                                 #gibbs:1:1:0 DTCt=3 SiCs="2"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0.031
0.510
0.985
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0.028
0.507
0.979
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0.026
0.505
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ###gibbs:1:1:0.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ### C0 C1
##0.963 0.006 0
##0.487 0.003 0
##0.009 0.006 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    # C0 C1
0.079 0.893 0
0.006 0.487 0
0.007 0.014 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0.895
0.489
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    000.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0##
```

 $\begin{array}{c} 6.06 \\ 6.$

6454

6456

```
<--[4]で求まる値(1-p00)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          <--過渡期間DTCt=0なので、p10=p11=o12=nan(計算
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     <--[4]で求まる値(1-p22)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      <--[4]で求まる
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ようにし、さらにした。
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            --> n02=n0*(1-p02)
--> n12=n1*(1-p12)
--> n22=n2*(1-p22)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          output枚素結果 (判定) がCOとなる場合の確率
n0*806=n01+n02 --> n00+n01+n02=n0 --> n00=n0*(1-p00)
n1*p01=n11+n12 --> n00+n11+n21=n1*(1-p10)
n2*p02=n21+n22 --> n20=n2*(1-p20)
output枚紫結果 (判定) がC1となる場合の確率
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           --> n11=n1*(1-p11)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        --> n21=n2*(1-p21)
がC1となる場合の確率
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    倒水
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   --> n01=n0*(1-p01)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ) 201600202の[1]<sup>*</sup>[4]の後に、[5]を挿入し、これを実行すれば表示される。|
の結果が得られる。
[5] の結果
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            #C0 p00 p01 p02 n0 (p00+p01+p02=1) #C1 p10 p12 n1 p12 n1 p22 n2 p21 p22 n2 p22 p22 p3 p22 n2 p
                                                                              ### C0 C1 C2 n wpi #Confusion Matrix
##6.964 0.000 0.036 1470001 0 #900 p01 p02 n0 wpo for target C0
##6.487 0.000 0.513 21000 15 #p10 p11 p12 n1 wpl for target C1
##6.009 0.001 0.990 301000 10 #p20 p21 p22 n2 wp2 for target C2
22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               C2 n wpi #Confusion Matrix 0.004 147000 1 #p00 p01 p02 n0 wpi for target C0 0.002 21000 3 #p10 p11 p12 n1 wpl for target C1 0.008 301000 1 #p20 p21 p22 n2 wp2 for target C2
                                                                                                                                                                                                                                                                                                                                          C2 n #Confusion Matrix
0.010 147000 1 #p00 p01 p02 n0 wp0 for target C0
0.006 21000 2 #p10 p11 p12 n1 wp1 for target C1
0.018 301000 1 #p20 p21 p22 n2 wp2 for target C2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             過微期間(判定不能)の効果を調べるために、DICE=0 ができる。
Confusion matrix (詳細はwiki参照)で、性能評価できるように
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Contingency table(分割
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    t C2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           #Confusion Matrix
#p00 p01 p02 n0 for target C0
#p10 p11 p12 n1 for target C1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0.041 0.000 0.959 311500 #p20 p21 p22 n2 for target C2 #(b) DTCt=1.5iCs="2"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2 2 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2523
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                n #Confusion Matrix
126000 #p00 p01 p02 n0 for target C0
70000 #p10 p11 p12 n1 for target C1
273000 #p20 p21 p22 n2 for target C2
wp2 for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    target
target
target
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           target
target
target
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        # CO C1 C2 n #Confusion Matrix 0.964 0.000 0.036 147000 #p00 p01 p02 n0 for target 0.097 0.000 0.513 21,000 #p10 p11 p12 n1 for target 0.009 0.000 0.991 30,1000 #p20 p21 p22 n2 for target
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matrix
2 n0 for to
n1 for tar,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        #Confusion Matrix
#p00 p01 p02 n0 for t:
#p10 p11 p12 n1 for t:
#p20 p21 p22 n2 for t:
10 #p20 p21 p22 n2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (型定)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              #Confusion Matrix
#p00 p01 p02 n0 f
#p10 p11 p12 n1 f
#p20 p21 p22 n2 f
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ⊞K
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     output検索結
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   #Confusion matrix (混同行列?)≒
#target↓outpot判定→ c0 C
```

```
###set term postscript;set
                                                                                                                                                                                                                                 fntpG="tmp/t-pGmean"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ###gnuplot <<EOF
                                                                                                                                                                                                                                                                           gnuplot <<EOF
                                                                                                                                                                      6587 #evalloss4pG p:../result-speaker_search/ProbbistSpeaker.dat t:Cl.target o:pdt.output vth:0.5:0## 0.4 88 1.000 1.019 1.049 3 21000 #LAVE.LACE.LNLP.LANLPD.nC ndata <-- LAVE=1-pl= 1.000=1.000 1.000 1.000 0.455 0.468 3 301000 #LAVE.LACE.LNLP.LANLPD.nC ndata <-- LAVE=1-pl= 1.000=1.000 1.000 0.455 0.468 3 301000 #LAVE.LACE.LNLP.LANLPD.nC ndata <-- LAVE=1-p22= 0.009=1-0.991 0.550## 0.0 6599 #(d) DTCt=1/SiCs="3" 6591 #DTCt=3/SiCs="3" 6591 #DTCT=3/SiCs="3/SiCs="3/SiCs="3/SiCs="3/SiCs="3/SiCs="3/SiCs="3/SiCs="3/SiCs="3/SiCs="3/SiCs="3/SiCs="3/SiCs="3/SiCs="3/SiCs="3/SiCs="3/SiCs="3/SiCs="3/SiCs="3/SiCs="3/SiCs="3/SiCs="3/SiCs="3/SiCs="3/SiCs="3/SiCs="3/SiCs="3/SiCs="3/SiCs="3/SiCs="3/SiCs="3/SiCs="3/SiCs="3/SiCs="3/SiCs="3/SiCs="3/SiCs="3/SiCs="3/SiCs="3/SiCs="3/SiCs="3/SiCs="3/SiCs="3/SiCs="3/SiCs="3/SiCs="3/SiCs="3/SiCs="3/SiCs="3/SiCs="3/SiCs="3/SiCs="3/SiCs="3/SiCs="3/SiCs="3/SiCs="3/SiCs="
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      6628 ffg=$tmp\fistSpeaker/cat /dev/null > $ffg.dat #Initialize #LoopLevell:for ics for set 2rd option of 6629 for ics in $3ics; do ftest)....

f test:)7:.....

#LoopLevell:for ics for set 2rd option of 6630 for set 2rd option of 6630 for sx in 0 1 2 3 4 5 6; do sp=-1; do sp=-1; est 2.100 or ytm:1:0.9:200 for sx in 0 1 2 3 4 5 6; do sp=-1; est 2.100 for sx in 0 1 2 3 4 5 6; do sp=-1; est 2.100 for sx in 0 1 2 3 4 5 6; do sp=-1; est 3.100 for sx in 0 1 2 3 4 5 6; do sp=-1; est 3.100 for sx in 0 1 2 3 4 5 6; do sp=-1; est 3.100 for sx in 0 1 2 3 4 5 6; do sp=-1; est 3.100 for sx in 0 1 2 3 4 5 6; do sp=-1; est 3.100 for sx in 0 1 2 3 4 5 6; do sp=-1; est 3.100 for sx in 0 1 2 3 4 5 6; do sp=-1; est 3.100 for sx in 0 1 2 3 4 5 6; do sp=-1; est 3.100 for sx in 0 1 2 3 4 5 6; do sp=-1; est 3.100 for sx in 0 1 2 3 4 5 6; do sp=-1; est 3.100 for sx in 0 1 2 3 4 5 6; do sp=-1; est 3.100 for sx in 0 1 2 3 4 5 6; do sp=-1; est 3.100 for sx in 0 1 2 3 4 5 6; do sp=-1; est 3.100 for sx in 0 1 2 3 4 5 6; do sp=-1; est 3.100 for sx in 0 1 2 3 4 5 6; do sp=-1; est 3.100 for sx in 0 1 2 3 4 5 6; do sp=-1; est 3.100 for sx in 0 1 2 3 4 5 6; do sp=-1; est 3.100 for sx in 0 1 2 3 4 5 6; do sp=-1; est 3.100 for sx in 0 1 2 3 4 5 6; do sp=-1; est 3.100 for sx in 0 1 2 3 4 5 6; do sp=-1; est 3.100 for sx in 0 1 2 3 4 5 6; do sp=-1; est 3.100 for sx in 0 1 2 3 4 5 6; do sp=-1; est 3.100 for sx in 0 1 2 3 4 5 6; do sp=-1; est 3.100 for sx in 0 1 2 3 4 5 6; do sp=-1; est 3.100 for sx in 0 1 2 3 4 5 6; do sp=-1; est 3.100 for sx in 0 1 2 3 4 5 6; do sp=-1; est 3.100 for sx in 0 1 2 3 4 5 6; do sp=-1; est 3.100 for sx in 0 1 2 3 4 5 6; do sp=-1; est 3.100 for sx in 0 1 2 3 4 5 6; do sp=-1; est 3.100 for sx in 0 1 2 3 4 5 6; do sp=-1; est 3.100 for sx in 0 1 2 3 4 5 6; do sp=-1; est 3.100 for sx in 0 1 2 3 4 5 6; do sp=-1; est 3.100 for sx in 0 1 2 3 4 5 6; do sp=-1; est 3.100 for sx in 0 1 2 3 4 5 6; do sp=-1; est 3.100 for sx in 0 1 2 3 4 5 6; do sp=-1; est 3.100 for sx in 0 1 2 3 4 5 6; do sp=-1; est 3.100 for sx in 0 1 2 3 4 5 6; do sp
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              make /r make data-clean
### / medal - Spears / f [ 1 - e $dl ]/ then mkdir $dl/f!
###2-/media/s=D_DRTYE/cadata/15iconip/20160917takeguchi/12voicedata_sakashita/12voicedata/allpole;d
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     20160125 [a]-[e] ##b
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   6622 DTCt=3;#DTCt=0;DTCt=4;
6623 SiCs="2"; ####for 3:Unregistered, 2:Incorrect SiCs="0 3 2"; #depnds on speakerdigit_v6.c test:7:..:$
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  6637 cmd="$prog fs:${d2}\oob4s_-IN40mbas2_300_1.6_I8X${sX}.y nSDL:7:10:10 pmin:0.01 ytm:1:0.9:1000 $gibbs $beta ver:-2 pApAd:${pAd} LAR:0:0:-1 test:7:2000:${iCs}:0:20:100:20:2 sX:$sX sP:$sP void:0";$cmd > /
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    #### use only gibb:1:1:1(GEBI) gibbs:1:1:0(BI), see 20160125 [a]-[e] ##beta=
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           print $0;}'> tmp/t
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               #done #LoopLevel2:for sX in 0 1 2 3 4 5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                #### use only gibb:1:1:1(GEBI) gibbs:1:1:0(BI), see
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 20160214
(1) 各テストにおけるt-pd曲線の表示を201600202の[1]の後ろ([2]の前)に入れた。
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ###d2=-/sotu/2015iconip/iconip_saigen/2012/12voicedata/allpole;d2sep=":"
###d2=../../2012/12voicedata/iconip14data;d2sep=":"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ###d2=/media/sf_D_DRIVE/cdata/15iconip/20151005sakashita/;d2sep="_"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        DTCoCp=30,20:20,15:20,10:20 ##DTCoCp=30,20:20,15:20,10:20,5:20
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cat /dev/null > psdsum.dat
cat /dev/null > retsdsdsum.dat
flg=$tump/histSpeaker;cat /dev/null > $fhg.dat #Initialize
for ics in $Sics; do
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ############ copy and paste from here for (1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     d2=-/sotu/2012/12voicedata/allpole:d2sep=":"
tmp=-/tmp:if [ ! -e $tmp ]; then mkdir $tmp:fi |
####bobain psdsum.dat
jibbs=gibbs:1:0.5:0.2 ##### use only gibb:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ###d2=../../2012/12voicedata/allpole;d2sep=":"
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6621 gibbs=gibbs:1:1:0 ####
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          prog=speakerdigit_v6
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od consists of lines involving (1)t(step),(2)n(number of data),(3)test->pGC[n][t #cmd="cat tmp/Ctotp.sh";echo "Manually Exec \$cmd";\$cmd #sport Ctotp="3 30 33 50 53 70 73 85 88 105 108 115 118 135 138 140 143 160 "; #Sequence of time rgb "" using 1:2 w 1 lc set term postscript:set output "\$fntpg.eps";
plot "resultsum.dat" using 1:2:(\\$2-\\$4):(\\$2+\\$5) w errorbars, ### the following takes a lot of time to display via gnuplot cmd="gv \$fntpG.eps"; echo "Exec \$cmd."; \$cmd& ###fntpG="tmp/tpGall" ###cmd="gv \$fntpG.eps"; echo "Exec \$cmd."; \$cmd& ###set term postscript;set output "\$fntpG.eps"; ###plot "psdsum.dat" using 1:3 w d ###show t vs. pG of resultsum.dat obtained psdsum.dat

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```
gb "yellow" t "Transient", "" using 1:(\$4) lc rgb "red" t "Other Speaker"
6761 set term postscriptiset output "$fpdg.eps":replot
6762 set term postscriptiset output "$fpdg-pGdist.eps";plot "$fhg.dat" using 4:(\$1+\$2+\$3) lc rgb "gree
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6748 cat $fbg.dat lawk 'BEGIN (wp0=17.wp1=ENVIRON["wp1"]; wp1=ENVIRON["wp1"]; wp2=ENVIRON["wp2"];} {p0=$1*wp0:p1=$2*w
p1:p2=$3*wp2:psum=p0+p1+p2:printf("%e %e %e %e\n", %4, p0/psum,p1/psum,p2/psum);} >> $fpdg.dat
6749 #cat $fbg.dat|awk 'BEGIN (wp0=ENVIRON["wp0"]; wp1"]; wp2=ENVIRON["wp2"]; {p0sum=$1*wp0:p1sum}
um=$2*wp1:p2sum=$3*wp2:psum=p0sum+p1sum+p2sum; printf("%e %e %e %e\n", %4, p0sum/psum,p1sum/psum,p2sum/psum);}
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6750 #each $fhg.dat|awk '{posum=$1;plsum=$2;p2sum=$3;psum=p0sum+plsum+p2sum;printf("%e %e %e %e\n",$4, p0 sum/psum,p2sum/psum,p2sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum/psum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1sum,p1s
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           target #mktarget $Ctgt $ntest > ${ftgt}.target 6785 cm*="evallossybg sights".isrget o:${fout}.output vth:0.5:0";echo -n "#${cmd}##";$cmd 6786 cat ${fout}.output >> ${foutall}.output; arget >> ${foutall}.target >> ${fout
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  op $fhg.dat $tmp/histtmp.dat;cat tmp/hist.dat |awk '{print $1}'> tmp/hist1.dat;paste $tmp/histtmp.da
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set style fill solid border lc rgp "black"
set term tgifiset output "$fpdg.obj",
plot "$fpdg.dat" using 1:(\$2+\$3+\$4) lc rgb "blue" t "Prompted Speaker", "" using 1:(\$3+\$4) lc .low" t "Transient", "" using 1:(\$4) lc rgb "red" t "Other Speaker"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            awk 'BEGIN{Ctgt=ENVIRON["Ctgt"];ntest=ENVIRON["ntest"];for(i=0;i<ntest;i++) print Ctgt;}' > ${ftgt}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              cp $tmp/hist.eps $fhe'
#gv $fhe'
#gv $fhe'
#gv $fhe'
cp $fig.dat $tmp/histump.dat
cat tmp/hist.dat | awk ' {print $3}' > tmp/hist3.dat.paste $tmp/histtmp.dat tmp/hist3.dat > $fhg.dat
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                                                                                                                                                                                                                                                                                   export wp0=100 wp1=150 wp2=100; #weight of posterior distribution of probabilistic prediction export x0=0 ndiv=100 nmav=3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ct,
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do # CpG(phase) for w:prompted-word o:other-word, t:transient or CgG in "p" "; then export Cgt=0; if #prompted if [$CpG = "p" "]; then export Cgt=1; if #pother foutpag($CpG = "p" "]; then export Cgt=2; fi #other foutpag($CpG = "p" "]; then export Cgt=2; fi #other foutpat #pother foutpag($CpG = "p" "]; then export Cgt=2; fi #other export nest="wc $[Cout].canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.canner.can
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vth:0.5:0";echo -n
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            while 2,3,4 columns P(c_i|p_G) for c_i=Cp,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              #Done:LoopLevell: for
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  cmd="histmav1-onsei $x0 $ndiv $nmav ${fbr}_PPtrain.dat"
                                                           ### insert first column to be the value of pG,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         fpdg=$d1/ProbDistSpeaker #defined above
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6747 cat /dev/null > $fp
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6775 fo.
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ell:for CpG ii.
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6763 quit
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6765 ###show
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#evalloss4pg p:./result-speaker_search/ProbDistSpeaker.dat t:CO.target 0:pgp.output vth:0.5:0##0.02 #evalloss4pg p:./result-speaker_search/ProbDistSpeaker.dat t:CO.target 0:pgb.output vth:0.5:0##0.43 #evalloss4pg p:./result-appeaker_starch/ProbDistSpeaker.dat t:Cl.target 0:pgt.output vth:0.5:0##0.43 #evalloss4pg p:./result-appeaker_starch/ProbDistSpeaker.dat t:Cl.target 0:pgt.output vth:0.5:0##0.43 #evalloss4pg p:./result-appeaker_starch/ProbDistSpeaker.dat t:Cl.target 0:pgt.output vth:0.5:0##0.43 #evalloss4pg p:./result-appeaker.dat p:...
                                                                                                                                                                 #LoopLe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 #LoopLev
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  #LoopLev
                                                                                                                                                                                                                                                                                                                                                                                                                                awk 'BEGIN{Ctgt=ENVIRON["Ctgt"];ntest=ENVIRON["ntest"];for(i=0;i<ntest;i++) print Ctgt;}' > ${ftgt}.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  printf("# C0 C1 C2 n wpi #Confusion Matrix\n");

printf("%, 31 %, 31 %, 31 %, 32 #800 p01 p02 n0 wpf for target C0\n",1-p[0],1-p[0],1-p[0],n[0],wp0);

printf("%, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 31 %, 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           cmd="evalloss4pG p:${fpdg}.dat t:${ftgt}.target o:${fout}.output vth:0.5:0";echo "#${cmd}##";
$cmd | awk '{print $2,$6;}' >> ofm.dat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             'BEGIN {1=0; wp0=ENVIRON["wp0"]; wp1=ENVIRON["wp1"]; wp2=ENVIRON["wp2"];}
                                                                                ###a]]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   # C0 C1 C2 n #Confusion Matrix
0.960 0.018 0.021 126000 #p00 p01 p02 n0 for target C0
0.531 0.189 0.280 70000 #p10 p11 p12 n1 for target C1
0.186 0.107 0.707 273000 #p20 p21 p22 n2 for target C2
#DTCt=1;SiCs="3"
                                                 fourall=pGall:cat /dev/null > ${foutall}.output ###all
ftgtall=Ctgtall:oat /dev/null > ${ftgtall}.target
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            C C C C
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#p10 p11 p12 n1 for target C1
#p20 p21 p22 n2 for target C2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ######## copy and paste to here for (1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              #Confusion Matrix
#p00 p01 p02 n0 for target
#p10 p11 p12 n1 for target
#p20 p21 p22 n2 for target
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#p10 p11 p12 n1 for target
#p20 p21 p22 n2 for target
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          n #Confusion Matrix"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         cat ${fout}.output >> ${foutall}.output;
cat ${ftgt}.target >> ${ftgtall}.target; ###all
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            n #Confusion Matrix
147000 #p00 p01 p02 n0 fo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  #Confusion Matrix
                           fpdg=$d1/ProbDistSpeaker #defined above
                                                                                                                                                                                                                                                                                                                                                                                                                       6808 awk 'BEGINGCEPTENVIRONG'CEGT"];ntest=E

6809 # Kerget SCEGT Shiest > S[figt];target

6810 cmd="evalloss4pg p:$[fpds];dat t:$[figt

6811 cmd | awk '{print $2.$6;}' >> cfm.dat

6812 #
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ###### SiCs="2" registered spekers
                                                                                                                               cat /dev/null > cfm.dat
for Ctgt in 0 1 2 ; do #target class
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        {p[1]=$1;n[1]=$2;1++;}END{
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          "o" "t" ; do
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 21000 #
301000 #
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157500 #
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#DTCt=3;SiCs="3"
d0=~/sotu/2015/can2b
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0.936 0.002 0.062 1
0.586 0.008 0.406 2
0.234 0.005 0.761 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             awk
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0.000 0.105
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          IJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   #DTCt=3;SiCs="2"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   #DTCt=0;SiCs="3"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    #DTCt=3;SiCs="3"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ewault of [5]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          6815 done #for CpG
el l:for CpG in "p" "o
6816 done #for Ctgt
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 nan 0
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                                                                                                                               6800
```

6870 #evalloss4pg p:../result-speaker_search/ProbDistSpeaker.dat t:C2.target o:pGo.output vth:0.5:0##0.00 6 0.008 0.357 0.364 3 245000 #LAVE,LACE,LNLP,LNLPD,nC ndata 6871 #evalloss4pG p:./result-speaker_search/ProbDistSpeaker.dat t:Ctgtall.target o:pGall.output vth:0.5: 0##0.121 0.219 0.539 0.549 3 469000 #LAVE,LACE,LNLP,LNLPD,nC ndata

0874 #gibbs:1:1:0.1 DTCOCp=30,20:20,15:20,10:20; DTCt=5; SiCs="2" modified Bayes better?
0875 #evalloss4pc p: ./result-speaker.search/ProbbistSpeaker.dat t:CO.target o:pgp.output vth:O.5:O##0.00
0870 0.322 0.203 3.05000 #LAVE_LACE_LAND.LALD.D.GACAER.dat t:CO.target o:pgc.output vth:O.5:O##0.46
0876 #evalloss4pc p:../result-speaker_search/ProbbistSpeaker.dat t:Cl.target o:pgc.output vth:O.5:O##0.46
0.713 1.121 1.123 3.1900 #LAVE_LACE_KIMLP.LAUED.D.C. data
0877 #evalloss4pc p:../result-speaker_search/ProbbistSpeaker.dat t:C2.target o:pgc.output vth:O.5:O##0.00
3 0.012 0.288 0.296 3.45500 #LAVE_LACE_KIMLP.LAUED.D.C. data
0877 #evalloss4pc p:../result-speaker_search/ProbbistSpeaker.dat t:C2.target o:pga.output vth:O.5:O##0.00
0488 #evalloss4pc p:../result-speaker_search/ProbbistSpeaker.dat t:Cdtdall.target o:pgall.output vth:O.5:O##0.10 6819

0881 #evalloss4pd p:../result-speaker_search/ProbalistSpeaker at t:00.target o:pgp.output vth:0.5:0##0.02 0.039 0.392 0.039 0.332 10500 #LAVE_lacer_lacer_nearch/ProbalistSpeaker at t:00.target o:pgp.output vth:0.5:0##0.43 0.039 Bayes Good? 6880 #gibbs:1:1:0 DTCoCp=30,20:20,15:20,10:20; DTCt=5; SiCs="2"

6886 #gibbs:1:1.5:0 DTCoCp=30,20:20,15:20,10:20; DTCt=5; SiCs="2" modified Bayes better?
6887 #evalloss4p6 p:../reault-speaker.search/ProbbistSpeaker.dat t:CO.target o:pdp.output vth:0.5:0##0.03
4 0.034 0.380 0.433 3.05000 #LAVE.LACE.LAUE.halp.halp.nd.nd.data
6888 #evalloss4p6 p:../result-speaker_search/ProbbistSpeaker.dat t:Cl.target o:pdc.output vth:0.5:0##0.42
6889 #evalloss4p6 p:../result-speaker_search/ProbbistSpeaker.dat t:Cl.target o:pdc.output vth:0.5:0##0.00
6889 #evalloss4p6 p:../result-speaker_search/ProbbistSpeaker.dat t:Cl.target o:pdc.output vth:0.5:0##0.00
6809 #evalloss4p6 p:../result-speaker_search/ProbbistSpeaker.dat t:Cl.target o:pdc.output vth:0.5:0##0.00
6809 #evalloss4p6 p:../result-speaker_search/ProbbistSpeaker.dat t:Cl.target o:pdalloutput vth:0.5:0##0.00
6800 #evalloss4p6 p:../result-speaker_search/ProbbistSpeaker.dat t:Ctgtall.target o:pdall.output vth:0.5:0##0.10
6800 #evalloss4p6 p:../result-speaker_search/ProbbistSpeaker.dat t:Ctgtall.target o:pdall.output vth:0.5:0##0.10

6893 #evalloss4pg Pi../result-speaker.search/ProbblistSpeaker.dat t:CO.target o:pgp.output vth:O.5:0##0.00 7 0.037 0.296 0.308 3 105000 #LAVE.LACE.LALP.LALP.NO ndata 6894 #evalloss4pg Pi../result-speaker.search/ProbblistSpeaker.dat t:CO.target o:pgp.output vth:O.5:0##0.40 6894 #evalloss4pg Pi../result-speaker.search/ProbblistSpeaker.dat t:Cl.target o:pgt.output vth:O.5:0##0.49 6895 #evalloss4pg pi../result-speaker.search/ProbblistSpeaker.dat t:Cl.target o:pgt.output vth:O.5:0##0.49 6891

6895 #evalloss4pG p:../result-speaker_search/ProbDistSpeaker.dat t:C2.target o:pGo.output vth:0.5:0##0.00 6.014 0.305 0.318 3 245000 HaAPAE.Jack.hMLp.Jnc.ndata 6896 #evalloss4pG p:../result-speaker_search/ProbDistSpeaker.dat t:Ctgtall.target o:pGall.output vth:0.5:0##0.130 0.202 0.509 0.519 3 469000 #LAVE.LACE.LNLP.LNLPD.NC ndata 6897

6903

6904 #gibbs:1:0.9:0.1 DTCocDe=30,20:20,15:20,10:20; DTCt=5; SiCs="2" modified Bayes
6905 #evalloss496 p:../result-speaker.search/ProbbistSpeaker.dat t:CO.target o:pgp.output vth:O.5:0##0.00
6.040 0.252 0.259 3 105000 #LAVE,LACE,LNLP,LALDP,nC ndata
6906 #evalloss496 p:../result-speaker.search/ProbbistSpeaker.dat t:Cl.target o:pgt.output vth:O.5:0##0.43
6.052 1.102 1.104 3 119000 #LAVE,LACE,LNLP,LNLPD,nC ndata 6907 #evalloss4pG p:../result-speaker_search/ProbDistSpeaker.dat t:C2.target o:pGo.output vth:0.5:0##0.00 co.011 0.566 0.273 245000 HaAPA LAGEL, MALP, LMXDP, nC ndata 6908 #evalloss4pG p:../result-speaker_search/ProbDistSpeaker.dat t:Ctgtall.target o:pGall.output vth:0.5:0##0.113 0.180 0.475 0.480 3 469000 #LAVE, LACE, LALD, NC ndate

6913 #evalloss4pG p:../result-speaker_search/ProbDistSpeaker.dat t:C2.target o:pGo.output vth:0.5:0##0.00 to 0.013 o.2050 0.210 3 245000 HaAPA LAGE.NALp.RhIP.na ndata 6914 #evalloss4pG p:../result-speaker.search/ProbDistSpeaker dat t:Ctgtall.target o:pGall.output vth:0.5:0##0.125 0.143 0.413 0.417 3 469000 #LAVE.LACE.LALP.LANLPD.NC ndata vth:0.5:0##0.00 #evalloss4pG p:../result-speaker_search/ProbDistSpeaker.dat t:Cl.target o:pGt.output vth:0.5:0##0.48 #gibbs:1:11:0.2 DTGcOp=30,20:20,15:20,10:20; DTCt=5; SiGs="2" modified Bayes #evalloss4pg p:../result-speaker_search/ProbDistSpeaker.dat t:C0.target o:pGp.output 6911 #evalloss4pG p:../result-speaker_search/ProbDistSpee 5 0.045 0.212 0.219 3 105000 #LAVE.LACE.LNLP.LNLPD.nC ndata 5 0.498 1.018 1.019 3 119000 #LAVE, LACE, LNLP, LNLPD, nC ndata 6909 6910 6911 6912

6916 #gibbs:11:10 DTCoCp=30,20:20,15:20,10:20; DTCt=3; SiCs="2" Conventional Bayes better?
6917 #evalloss4pg p:../result-speaker_search/ProbbistSpeaker.dat t:CO.target o:pgp.output vth:0.5:0##0.01
3 0.067 0.205 0.202 3 126000 #LAVE,LACE,LNLP,LNLD,NC ndata
6918 #evalloss4pg p:../result-speaker_search/ProbbistSpeaker.dat t:Cl.target o:pgt.output vth:0.5:0##0.52
4 0.427 0.979 0.982 3 70000 #LAVE,LACE,LNLP,INLPD.NC ndata

eadmecan2mspeech.txt Jun 19 2021 08:15:37

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#evalloss4pg p:./result-speaker_search/ProbDistSpeaker.dat t:C2.target o:pGo.output vth:0.5:0##0.00
228 0.248 3 27300 HaAvB.LaCE.LAND.ADD.G ndata
#evalloss4pg p:./result-speaker_search/ProbDistSpeaker.dat t:Ctgtall.target o:pGall.output vth:0.5: 6920 #evalloss4pG p:../result-speaker_search/ProbDistSpeaker.dat 0##0.085 0.104 0.334 0.351 3 469000 #LAVE,LACE,LNLP,LNLPD,nC ndata Ŋ

6937

6938 6939 6940

6941 #evalloss4pG p:.//result-speaker_search/ProbbistSpeaker.dat t:Cl.target o:pgp.output vth:0.5:0##0.03 8.0.946 0.900 1.117 3 700000 #LAVE,LACE,LNIP,LALDED,nC ndata cesta t:Cl.target o:pgt.output vth:0.5:0##0.67 8.0.256 0.530 0.833 3 273000 #LAVE,LACE,LNIP,LALDED,ESpeaker.dat t:Cl.target o:pgc.output vth:0.5:0##0.25 8.0.256 0.530 0.833 3 273000 #LAVE,LACE,LALDED 6943 #evalloss4pG p:./resul--speaker_search/ProbDistSpeaker dat t:Ctgtall.target o:pGall.output vth:0.5:0##0.28 0##0.275 0.300 0.595 0.822 3 469000 #HAVE,LACE,LNLP,LNLPD,HC ndata

6945 #gibbs:1:1:0 DTCoCp=30,20:20,15:20,10:20; DTCt=3; SiCs="3"; Bayes Good?
6946 #evalloss4pG p:../result-speaker_search/ProbbistSpeaker.dat t:CO.target o:pGp.output vth:0.5:0##0.02
9 0.040 0.474 0.540 3 126000 #LAVE,LACE,LNLP,LNLPD,nC ndata
6947 #evalloss4pG p:../result-speaker_search/ProbbistSpeaker.dat t:Cl.target o:pGt.output vth:0.5:0##0.69
9 0.811 0.961 1.144 3 70000 #LAVE,LACE,LNLP,LNLPD,nC ndata

t:Ctgtall.target o:pGall.output vth:0.5: t:C2.target o:pGo.output

6953 #evalloss4pG p:../result-speaker_search/ProbDistSpeaker.dat t:Cl.target o:pGt.output vth:0.5:0##0.72 4 0.834 0.994 1.161 3 119000 #LAYE_LAKEP.LMLP_LAKIPD.nC ndata
6.0834 0.994 1.161 3 119000 #LAYE_LAKEP.LMLP_PRObDistSpeaker.dat t:C2.target o:pGo.output vth:0.5:0##0.33 7 0.308 0.523 0.800 3 245000 #LAYE_LAKEP.LAKIPD.NC ndata
6955 #evalloss4pG p:../result-speaker_search/ProbDistSpeaker.dat t:Ctgtall.target o:pGall.output vth:0.5:0 6951 #gibbs:1:1:0.1 DTCocp=30,20:20,15:20,10:20; DTCt=3; SiCs="3"; modified Bayes NG?
6922 #exalloss4p6 p:../result-speaker_search/ProbDistSpeaker.dat t:C0.target o:p6p.output vth:0.5:0##0.00
0.038 0.463 0.523 3 105000 #LAVE_LACE_IAIDF_IAIDP_D, C. data
6953 #evalloss4p6 p:../result-speaker_search/ProbDistSpeaker.dat t:C1.target o:p6p.output vth:0.5:0##0.72
6953 #evalloss4p6 p:../result-speaker_search/ProbDistSpeaker.dat t:C1.target o:p6t.output vth:0.5:0##0.72 6955 #evalloss4pG p:../result-speaker_search/ProbDistSpeaker.dat 0##0.361 0.381 0.629 0.830 3 469000 #LAVE,LACE,LNLP,LNLPD,nC ndata Ŋ

6958 #evalloss4pd p:../result-speaker_search/ProbDistSpeaker.dat t:00.target o:pgp.coutput vth:0.5:0##0.00 e.031.04210.0435 a 126000 #LAVB.LAGE.LNLP.LNLP.D.C. adata e.0510.4420.0435 a 126000 #LAVB.LAGE.LNLP.D.C. adata e.0510 #evalloss4pd p:../result-speaker.search/ProbDistSpeaker.dat t:Cl.target o:pgt.coutput vth:0.5:0##0.68 1 0.723 0.976 1.153 3 70000 #LAVB.LACE.LNLPD.NC ndata 6960 #evalloss4pG p:../result-speaker_search/ProbDistSpeaker.dat t:C2.target o:pGo.output vth:0.5:0##0.38 0.347 0.569 0.834 3 273000 #LAVE,LACE,LALP.LALP.ORDAta 6961 #evalloss4pG p:../result-speaker_search/ProbblstSpeaker.dat t:Ctgtall.target o:pGall.output vth:0.5: 6962 6962 #gibbs:1:0.5:0 DTCoCp=30,20:20,15:20,10:20; DTCt=3; SiCs="3"; modified bayes wore 6957

9369

#gibbs:1:0.5:0.2 DTCoCp=30,20:20,15:20,10:20; DTCt=5; SiCs="3"; NG? 6965 Ŋ

#evalloss4pg p:../result-speaker_search/ProbDistSpeaker.dat t:C2.target o:pGo.output vth:0.5:0##0.56 0.147 6967 0.764 6968 0

```
###tmp=./tmp;if [ ! -e
                                                                                                                                                                                                                                                                                      ###DTCt=3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  7041 ###else
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          997 #gibbs:1:0.5:0.2 DTCocDp=20,20:20 DTCt=4; SiCs="2"; 998 #evalloss4pc p: ./result-speaker_search/ProbblistSpeaker.dat t:CO.target o:pdp.output vth:0.5:0##0.01 6 0.034 0.195 0.212 3 56000 #iaAvp.iaAcp.iaNip.nc ndsta 6 0.094 0.195 0.212 3 56000 #iaAvp.iaAcp.iaNip.nc ndsta 6 0.094 0.195 0.212 3 56000 #iaAvp.iaAcp.iaNip.nc ndsta 6 0.574 1.018 1.028 3 3850 0.144 1.4Avp.iaAcp.iaNip.nc ndsta 7 0.000 #evalloss4pc p: ./result-speaker_search/ProbblistSpeaker dt t:Cl.target o:pdc.output vth:0.5:0##0.01 7000 #avalloss4pc p: ./result-speaker_search/ProbblistSpeaker dt t:Cl.target o:pdo.output vth:0.5:0##0.01 7001 #evalloss4pc p: ./result-speaker_search/ProbblistSpeaker dt t:Cl.target o:pdo.output vth:0.5:0##0.01 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                6979 #gibbs:1:1:0 DTCoCp=20,20:20, DTCt=5; SiCs="2"; good? 8980 #evallossage pr.,/result-speaker.gearch/ProbblstSpeaker.dat t:CO.target o:pGp.output vth:O.5:0##0.03 0.039 0.286 0.287 3 52500 #LAVE,LACE,LANDP,LAC mata 6981 #evallossage pr.,/result-speaker.search/ProbblstSpeaker.dat t:Cl.target o:pGt.output vth:O.5:0##0.35 6981 #evallossage pr.,/result-speaker.search/ProbblstSpeaker.dat t:Cl.target o:pGt.output vth:O.5:0##0.35 6982 #evallossage pr.,/result-speaker.search/ProbblstSpeaker.dat t:Cl.target o:pGo.output vth:O.5:0##0.00 6982 #evallossage pr.,/result-speaker.search/ProbblstSpeaker.dat t:Cl.target o:pGo.output vth:O.5:0##0.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   7003 #gibbs:1:0.5 0.2 DTCcCp=20.20120 DTCt=3; SiCg="0";
7044 #evallossage p:./resalt-speaker_search/ProbbistSpeaker.dat t:CO.target o:pdp.output vth:0.5:0##0.03
1 0.109 0.259 0.297 3 59500 #laAVB_LAKCB_LAKD_LAKDP_DAG
1 0.109 0.259 0.297 3 59500 #laAVB_LAKCB_LAKD_PROBDistSpeaker.dat t:Cl.target o:pdb.output vth:0.5:0##0.37
7005 #evallossage p:./result-speaker_search/ProbDistSpeaker.dat t:Cl.target o:pdb.output vth:0.5:0##0.04
7006 #evallossage p:./result-speaker_search/ProbDistSpeaker.dat t:C2.target o:pdc.output vth:0.5:0##0.04
2 0.078 0.333 0.389 3119000 #laAVB_LAKCB_LAKD_LINIPD_DRO CARDER
7007 #evallossage p:./result-speaker_search/ProbDistSpeaker.dat t:C2.target o:pdall.output vth:0.5:0##0.05
                                                                                                                                                                                                                                                                               6974 #evalloss4pG p:../result-speaker_search/ProbbistSpeaker.dat t:C2.target o:pGo.output vth:0.5:0##0.01 20.120 0.275 0.389 3.24500 HaAPAF.JACE.MIAP.JAC.D.A.C.data 6975 #evalloss4pG p:../result-speaker.search/ProbbistSpeaker.dat t:Ctgtall.target o:pGall.output vth:0.5:0##0.138 0.201 0.462 0.490 3 469000 #LAVE.JACE.JALP.JANLPD.HC ndata
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 6986 #evalloss4pG p:./result-speaker_search/ProbDistSpeaker.dat t:CO.target o:pGp.output vth:0.5:0##0.03 0.041 0.244 0.244 5500 #AAVZ.haCh_TMIP_LMIP_C ndata 6987 #evalloss4pG p:./result-speaker_search/ProbDistSpeaker.dat t:Cl.target o:pGt.output vth:0.5:0##0.37 6987 #evalloss4pG p:./result-speaker_search/ProbDistSpeaker.dat t:Cl.target o:pGt.output vth:0.5:0##0.37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 6987 #evalloss4pg p:../result-speaker_search/ProbDistSpeaker.dat t:Cl.target o:pGt.output vth:0.5:0##0.37 4 0.739 1.092 1.097 3 28000 #LAVE,LACE,LALP,LINLPD.nC ndata
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ###d1=../result-speaker_search; if [ ! -e $dl ]; then mkdir $dl:fi
#####d2=/media/sf_D_DRIVE/odata/15ioonip/20150917takeguchi/12voicedata_sakashita/12voicedata/allpol
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             6983 #evalloss4pg p:../result-speaker_search/ProbDistSpeaker.dat t:Ctgtall.target o:pGall.output vth:0.5:
0##0.094 0.215 0.542 0.551 3 206500 #LAVE,LACE,LNLP,LNLPD,nC ndata
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   7007 #evalloss4pG p:../result-speaker_search/ProbDistSpeaker.dat t:Ctgtall.target o:pGall.output vth:0.5:
0##0.084 0.151 0.421 0.450 3 206500 #LAVE_LACE_LINEP_INIED_NC ndata
                                                           6969 #evalloss4pG p:../result-speaker_search/ProbDistSpeaker.dat t:Ctgtall.target o:pGall.output vth:0.5:
0##0.438 0.396 0.668 0.929 3 469000 #LAVE.LACE.LNLP.LNLPD.nC ndata
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         #####d2=/media/sf_DRIVE/cdata/15iconip/20151005sakashita/id2sep="_"
#####d2=-/setu/2015iconip/toonip_saigen/2012/12voicedata/allpole/d2sep=":"
#####d2-./../2012/12voicedata/iconipl/data/d2sep=":"
#####d2=.../../2012/12voicedata/allpole/d2sep=":"
                                                                                                                                                                                                                                       SiCs="2"; NG?
                                                                                                                                                                                                                                       6971 #gibbs:1:0.5:0.2 DTCoCp=30,20:20,15:20,10:20; DTCt=5;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      5 0.07 0.421 0.456 3.10500 HAVE.LACE.NALP.LNIED.N.C ndata 6983 #evalloss4pc pi../result.result.nace.ndata
6 0.416 0.686 1.000 3 273000 #LAVE, LACE, LNLP, LNLPD, nC ndata
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               6991 #gibbs:1:0.5:0.2 DTCoCp=20,20:20, DTCt=5; SiCs="2";
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            6985 #gibbs:1:1:0 DTCoCp=20,20:20, DTCt=3; SiCs="2";
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ###d2=~/sotu/2012/12voicedata/allpole;d2sep=":"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ######### copy and paste from here for (1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ###prog=speakerdigit_v6
###make ; make data-clean
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ###201600201
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```

Jun 19 2021 08:15:37 readmecan2mspeech.txt

```
7035 ###for sx in 0 1 2 3 4 5 6; do sp=-1; 7035 ###for sx in 0 1 2 3 4 5 6; 7036 ###for sx in 0 1 2 3 4 5 6; 7036 ###for sx in 0 1 2 3 4 5 6; 7036 ###for sx in 0 1 2 3 4 5 6; 7036 ###for sx in 0 1 2 3 4 5 6; 7036 ###for sprog fs:8(d2)/oob4s:-IM40mbas2:3001.6:lasx8(sx), y nSDL:7:10:10 pmin:0.01 ytm:1:0.9:1000 $9i bbs ver:-2 papad:$[pas].$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).$(pas).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ###fng=$tmp/histSpeaker;cat /dev/null > $fng.dat #Initialize
###SiCs="2"; ####for 3:Unregistered, 2:Incorrect SiCs="0 3 2"; #depnds on speakerdigit_v6.c test:7:.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         7042 ###cmd="$prog fs:${d2}}oob4s_1N40mbas2_300_1.6_1sX${sX}.y nSDL:7:10:10 pmin:0.01 ytm:1:0.9:1000 $gibbs $beta ver:-2 papAd:${pAd} LAR:0:0:-1 test:7:2000:${iCs}:0:20:100:20:2 sX:$sX sP:$sP void:0":$cmd
                                                                                                                                                 #### use only gibb:1:1:1(GEBI) gibbs:1:1:0(BI), see 20160125 [a]-[e]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                #done #LoopLevell:for iCs $SiCs;
                                                                                                                                                                                                                                                                                                                                                                                                         #LoopLevell:for iCs for set
$tmp ]; then mkdir $tmp;fi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ###cat $tmp/testsd_stat.dat >> resultsum.dat
                                                                                                                                                                                                                                                            ####beta=beta:0.5:0.3 #### tune this,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ###echo "Exec $cmd";$cmd > /dev/null
                                                                                                                                                                                                                 ###DTCoCp=30,20:20,15:20,10:20,5:20
                                                                    ###cat /dev/null > resultsum.dat
###cat /dev/null > psdsum.dat
###gibbs=gibbs:1:0.5:0.2 ####
                                          #####obtain psdsum.dat
                                                                                                                                                                                                                                                                                                                                                                                                         7034 ###for iCs in $SiCs; do
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ###done # for iCs
```

```
7167 ###ftgt=C${ctgt}:cat /dev/null > ${ftgt}.target
7167 ###ftgt=C${ctgt}:cat /dev/null > ${ftgt}.target
7168 ####i=1.nulle [ $i - Le $neset ] ido echo "${ctgt}" >> ${ftgt}.target; if [ `expr $i $ 1000` = "0" ]
169 ###mi=1.nulle [ $i - Le $neset ] ido done
7169 ###micazget ${ctgt}$ $neset > ${ftgt}.target;
7170 ###micazget ${ctgt}.target ${ftgt}.target ${ftgt}.target;
7170 ###micazget ${ctgt}.target ${ftgt}.target ${ftgt}.target ${ftgt}.target ${ftgt}.target o:${ftgt}.target on #${cmt} #$
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              7191 ###beta:0.5:0.1 for area3
7192 ###bone(Varco)estu/Califs canablevalloss4pG p:../result-speaker_search/ProbbistSpeaker.dat t:CO.targe toppo.output vtb:0.5:0##0.002 0.027 0.237 3 70000 #LAAE,LACE,LNLP,LNLPD.nC ndata
7193 ####home(Nurc)estu/2015/can2b/evalloss4pG p:../result-speaker_search/ProbbistSpeaker.dat t:C1.targe coppo.output vtb:0.5:0##0.0015.536 0.747 1.332 1.404 1.7000 #LAVE,LACE,NLBD.nC ndata
7194 ###home/Nurc/seotu/2015/can2b/evalloss4pG p:../result-speaker_search/ProbbistSpeaker.dat t:C2.targe t o:ppG.output vtb:0.5:0##0.000 0.006 0.150 0.156 3 70000 #LAVE,LACE,NLBP.NCD.nC ndata
7195 ###home/Nurc/seotu/2015/can2b/evalloss4pG p:../result-speaker_search/ProbbistSpeaker.dat t:C2.targe t o:ppG.output vtb:0.5:0##0.000 0.006 0.150 0.156 3 70000 #LAVE,LACE,NLBP.NCD.nC ndata
7195 ###home/Nurc/seotu/2015/can2b/evalloss4pG p:../result-speaker_search/ProbbistSpeaker.dat t:Cqtall.target o:pgGall.output vtb:0.5:0##0.079 0.260 0.573 0.598 3 210000 #LAVE,LACE,LNLPD.NC ndata
                                                                                                                                                                                                                                                                                                                           ###if [ $CpG = "o" ] ; then Ctgt=2; ntest='expr 7 \* 1000 \* ${no}}'; fi #other
                            ###fout=pG${CpG};cp ${d1}/resultp_C${OpG}_PPtest.dat ${fout}.output;# ###fout=${d1}/resultp_C${OpG}_PPtest.dat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ###beta:0.5:0.1 for area3 SiCs="3"(unregistered) bad but best?
                                                                                                                                                                                                                                                                         ###cat ${fout}.output >> ${foutall}.output;
###cat ${ftgt}.target >> ${ftgtall}.target; ###all
                                                                                                                                                                                                                                                                                                                                                                                                                                          ######### copy and paste to here for (1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ###beta:0.5:0.1 best LNLP,LNLPD for areal
                                                                                                                                                                                                                                                                                                                        ###done #for CpG
                                                                                                                                                                                                                                                                                                                                                                                                             {cmd}##";$cmd
                                                                                                                                                                                                                                               #";$cmd
7172
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              7197
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                7142 ###set Yrange [0:1.3]; set style data boxes; #set style data histeps
7143 ###set Yrange [0:1.3]; set style data boxes; #set style data histeps
7144 ###set yrange [0:1.3]; set style data boxes; #set style data histeps
7144 ###set term getfiste toutput "$fadq.obj";
7144 ###set term postsoript.set output "$fadq.obj";
7146 ###set term postsoript.set output "$fadq.ops".reglot
7147 ###set term postsoript.set output "$fadq-pddist.eps";plot "$fad.dat" using 1:(\$3+\$4) 1 crgb "g
7148 ###spor
7149 ###spor
7150 #####show
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         #LoopLeve2:for sX_ in 0 1 2 3
                                                                                                                                                                                                                                                                                                                                                                                                                                       #Loop
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ##sed -n -e "'expr \{sx_0\} + 1', 'expr \{sx_0\} + 1000 \ * snd'p" \{fbr\}.dat >> \{fbr\}_PPtrain.dat ##echo "sed -n -e \"'expr <math>\{sx_0\} + 1000 \ * snd + 1', 'expr \{sx_0\} + 20000 \ * \ \{fbr\}.dat >> \{fbr\}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ###pp $tmp/hist.eps $fhe
####py $fmp/hist.eps fine
####py $fmp/hist.mp.dat
###pp $fmp/hist.gat $tmp/hist3.dat ; tmp/hist3.dat;paste $tmp/histtmp.dat tmp/hist3.dat > $fhg.dat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   in 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      c_i=Cp, Ct,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        #Done:LoopLeve2:for sX_
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ###done #for CpG in "p" "t" "o" ; #Done:LoopLevell: for CpG ##### insert first column to be the value of pG, while 2,3,4 columns P(c\_i|p\_G) for
                                                                                                                                                                                                                                                                                                                                                                                                             #### divide 20000=2000*10 data into 10000=1000*10 each for train and test
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ###cmd="gv $fpdg.eps"; echo "Exec $cmd."; $cmd& #show p(c_i|p_G) ###cmd="gv $fpdg-pGdist.eps"; echo "Exec $cmd."; $cmd& #show p(pg)
                                                                                                                                                                                                                                                                                        ###cat /dev/null > ${fbr}_PPtrain.dat ##PP:Probabilistic Prediction ###cat /dev/null > ${fbr}_PPtest.dat ###cat /dev/null > ${fbr}_PPtest.dat ###for sX_ in 0 1 2 3 4 5 6 i do
#number of prompted speaker's digits #number of other speaker's digits
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ###cmd="histmav1-onsei $x0 $ndiv $nmav ${fbr}_PPtrain.dat"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 #number of transient digits
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ###fpdg=$d1/ProbDistSpeaker #defined above
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           #####################################
                                                                                     ###{print $3,$0;}}' >> ${fb0}.dat ;
                                                                                                        ####wc ${fb0} dat
###cmd1="cp ${fb0}.dat ${fbr}.dat"
##echo $cmd1:$cmd1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          __PPtest.dat"
7116 ##sed -n -e "`expr ${sX_0} + 1
Ptest.dat ##ppfiles="${ppfiles} ${fbr}"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ###fhe=${d1}/hist-C${CpG}.eps
                                                                                                                                                                                                                                                                            ##########################
                                                                                                                                                                                                                                                   ###nt=10 #(23-20)+(47-40)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ###x0=0;ndiv=100;nmav=3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ###echo $cmd; $cmd
                                                                                                                                                                                                ##np=10 #33-23
                                                                                                                                                                                                                      ###no=10 #20-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     7118 ###done #for sX_
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ###sleep 2;
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```

```
_PPPcst.dat"
7333 ###sed -n -e "'expr ${sX_0} + 1000 \* $nd + 1','expr ${sX_0} + 2000 \* $nd'p" ${fbr}.dat >> ${fbr}_p
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ###sed -n -e "'expr ^{2}{fbx_0} + 1', 'expr ^{2}{6x_0} + 1000 \* $nd'p" ^{2}{fbr}.dat >> ^{2}{fbr}_DPtrain.dat ###echo "sed -n -e \"'expr ^{2}{fxx_0} + 1000 \* $nd + 1', 'expr ^{2}{8x_0} + 20000'p\" ^{2}{fbr}.dat >> ^{2}{fbr}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ###cmd="histmav1-onsei $x0 $ndiv $nmav ${fbr}_Ptrain.dat"
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7335 ###done #for sX_
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                                                                                                                                                                                                                             / ... #####/nome/kuro/socuu/2015/can2D/evalloss4pg p:../result-speaker_search/ProbDistSpeaker.dat t:CO.targe t cipGp.output vth:0.5:0###0.008 0.941 1.098 1.099 3 70000 #LAVE,LACE,LNLP,LNLPD.nC ndata 7218 ####/nome/kuro/socuu/2015/can2D/evalloss4pg p:../result-speaker_search/ProbDistSpeaker.dat t:CI.targe 7220 ####/nome/kuro/socuu/2015/can2D/evalloss4pg p:../result-speaker_search/ProbDistSpeaker.dat t:CI.targe t cipGb.output vth:0.5:0###0.000 0.005 0.195 0.200 #LAVE,LACE,LNLP,LNLPD.nC ndata 7220 ####/home/kuro/socuu/2015/can2D/evalloss4pg p:../result-speaker_search/ProbDistSpeaker.dat t:CI.targe t cipGb.output vth:0.5:0###0.000 0.005 0.195 0.200 3 70000 #LAVE,LACE,LNLP,LNLPD.nC ndata 7221 ####/home/kuro/socuu/2015/can2D/evalloss4pg p:../result-speaker_search/ProbDistSpeaker.dat t:CI.targe t cipGb.output vth:0.5:0##0.200 0.005 0.195 0.200 0.31 70000 #LAVE,LACE,LNLP,LNLDD.nC ndata 7221 ####/home/kuro/socuu/2015/can2D/evalloss4pg p:../result-speaker_search/ProbDistSpeaker.dat t:CO.targe t cipGb.output vth:0.5:0##0.000 0.005 0.103 70000 #LAVE,LACE,LNLP,LNLDD.nC ndata 7224 ####/home/kuro/socuu/2015/can2D/evalloss4pg p:../result-speaker_search/ProbDistSpeaker.dat t:CI.targe t cipGb.output vth:0.5:0##0.000 0.005 0.100 0.005 0.100 0.005 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 
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7265 ##mama="specific #footbase #foo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ###d1=../result-speaker_search; if [ ! -e $d1 ]; then mkdir $d1;fi
###d2=/media/sf_D_DRIVE/cdata/15iconip/20150917takeguchi/12voicedata_sakashita/12voicedata/allpole;d
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   뀨
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7269 ###mda="&prog fis:\( 43\) /oob44_-INIO0mbas2_300_1.6_lsX\( 5\) /S96 ##mda="&prog fis:\( 43\) /oob44_-INIO0mbas2_300_1.6_lsX\( 5\) /S), y nSDL:7:10:10 pmin:0.01 ytm:1:0.9:1000 qibbs:\( 5\) beta! ver:-2 pApAd:\( 5\) PApAd:\( 5\) PAd\( 5\) LAR:0:0:-1 test:5: 2000:\( $\{1cs\) :\( 5\) id\( 6\) :\( 5\) :\( 5\) in X:\( 5\) X sy sp:\( 5\) void:0";\( 5\) wold:0";\( 5\) wold:0";\
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ###cmd="$prog fs:${d2}/oob4s:-1N40mbas2:300:1.6:1sx${sx}\.y.nsDi:7:10:10 pmin:0.01 ytm:1:0.9:1000 gibbs beta:0.5:0.3 ver:-2 phpAd:${pAs}:${pAd} LAR:0:0:-1 test:7:2000:2:0:20:60:20:2 sx:$sx sp:$sp voi
t o:pGo.output vth:0.5:0##0.000 0.014 0.384 0.380 3 70000 #LAVE,LACE,LNLP,LNLPD,nC ndata 7216 ####/home/kuro/sotu/2015/can2b/evalloss4pG p:../result-speaker_search/ProbDistSpeaker.dat t:Ctgtall.target o:pGall.output vth:0.5:0##0.584 0.151 0.567 0.573 3 210000 #LAVE,LACE,LNLP,LNLPD,nC ndata
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ###else
###SiGs="2"; #for 3:Unregistered, 2:Incorrect SiCs="0 3 2"; #for Correct, Unregistered, Incorrect
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 #test:test->id:test->n:test->riCs:test->t_iCd:th->T
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              #for only Correct speakers # SiCs="0"; #for only Correct speakers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ### for iCs in 0 0 0; do for iconip2015 with SD=D
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ####d2=/media/sf_DRIVB/cdata/15iconip/20111005sakashita/id2sep="."
###d2=-/seut/2015iconip/iconip_saign/201212voicedata/allpole/d2sep=":"
###d2=-/../2012/12voicedata/iconipi4data/d3sep=":"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        #for GEBI papad:pa:pad
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  #for BI pApAd:pA:pAd
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ###fhg=$tmp/histSpeaker;cat /dev/null > $fhg.dat #Initialize
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ##for iCd in 0; do #for iCd in 0 1 2 3 4 5; do ##
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ###tmp=./tmp;if [ ! -e $tmp ]; then mkdir $tmp;fi ###for gibbs in 1; do #for gibbs in 1 0; do
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ###d2=~/sotu/2012/12voicedata/allpole;d2sep=":"
###SiCs4D="0";#SiCs4D="0 3 2";
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ./2012/12voicedata/allpole;d2sep=":'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ######### copy and paste from here for (1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       7259 ####cat /dev/null > resultsum.dat
7260 ###cat /dev/null > psdsum.dat
7261 ###for sx in 0 1 2 3 4 5 6; do sp=-1;
0op!evel5:for sx in 0 1 2 3 4 5 6;
7262 ###test=test:5:2000:${ics}:${icd}:5:15;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ###echo "Exec $cmd";$cmd > /dev/null
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ooptevel3:for icd in 0;
7258 ###foot ics in $Sics; do
7259 ###foot (dev/null) resulte
7259 ###foot (dev/null) pedsum.c
7261 ###foot (dev/null) pedsum.c
                                                                                                                                                                                                                     ####beta:0.5:0.3 for areal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ###prog=speakerdigit_v6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            bbs:$gibbs beta:0.5:0.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ##201600131
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```

7275 ###done #for sX excluded speaker one #LoopLevel5:for sX in 0 1 2 3 4 5 6;	P
7276 ###done # for iCs #done	ne
LoopLevel4:Ior ICS \$SICS; 7277 ###done # for iCd #done	De .
LoopLevel3:for icd in 0;	
/270 ###### 7279 ###done #for gibbs in 1; do #for gibbs in 1 0; do	
#LoopLevel2:for glbbs	
###aone #ior sp in "s", ao # opievell:for SD	
7282 ###Intublot <=00P	
###set term postscript;set output "\$fntpG.eps";	
7285 ###pibic "resultsum.dat" using 1:2:(\\$2-\\$4):(\\$2+\\$5) w errorbars, "" using 1:2 w 1 1c rgb "blue" 7286 ###mii	
1288 ######### Shorts one": princ "Evec &rand": &rands	
#####fntpG="tmp/tpGall"	
#####gnuplot < <eof< td=""><td></td></eof<>	
7.292 ######secf term postacoript/sec output. %IntpG.eps"; 7293 #######old-"usdamm.dat" usinc 1:3 w d	
#####quit	
###plot "psdsum.dat" using 1:3	
7300 ###################################	7
7302 ####################################	
7304 ####################################	
####class histgram	
7306 ###for PH in "p" "t" "o"; do # PH(phase) for w:prompted-word o:other-word, t:transient #LoopLe	oLe
7307 ###£b0=C\${PH}	
###	
### if(((PH=="p")&&(\$1>=23)&&(\$1<33))	
####wc \${fb0}.dat	
7316 ###cmdl= :cps { Fbx } .dat"	
###nt=10	
7330 ###no=10 #20-10	
	-
Я	I I
#### divide 20000=2000*10 data into	
/3-20 ###11 ["\$P#" = "p" j then nd=\$np' fi 7/327 ###1f ["\$P#" = "c"] j then nd=\$nt' fi	
###if ["\$PH"	
/3.29 ###ecXpcr 8.2_0-8.2Xp 8.82/ 8.200 * 5nd ** 5nd ** 1000 * 5nd ** 5 5nd >> \$\{fbx\}.dat >> \$\{fbx\}.PPtra	tra
	5

#Done:L

####easy check to here ###beta:0.5:0.3 ####beta:0.5:0.2 OK? ####beta:0.5:0.1 OK? ####beta:0.5:0 NG? prog=speakerdigit_v6 "D ####beta:1:0.2 SiCs=\$SiCs4D; #### good? 7411 7412 7413 74119 74220 74221 74222 74234 7424 7426 7418 7432 7433 7434 7435 7446 7447 7448 7449 ###set yrange [011.3]; set style data boxes; #set style data histeps

780 ###set yrange [011.3]; set style data boxes; #set style data histeps

781 ###set yrange [011.3]; set style data boxes; #set style data histeps

782 ###set erum tigiset cutput "\$fpd_obj" lo rgb "blue" t "prompted Speaker", "" using 1:(\\$3+\\$4) lo rgb "blue" t "Prompted Speaker", "" using 1:(\\$3+\\$4) lo rgb "brack" t "Other Speaker", "" using 1:(\\$3+\\$4) lo rgb "blue" t "Other Speaker", "" using 1:(\\$3+\\$4) lo rgb "grad" t "other Speaker", "" using 1:(\\$3+\\$4) lo rgb "grad" t "other Speaker", "" using 1:(\\$3+\\$4) lo rgb "grad" t "other Speaker", "" using 1:(\\$3+\\$4) lo rgb "grad" t "other Speaker", "" using 1:(\\$3+\\$4) lo rgb "grad" t "grad t "gr 7401 ####/home/kuro/socu/2015/can2b/evalloss4pG p:./result-speaker search/ProbDistSpeaker.dat t:CO.targe t o:pGp.output vth:0.5:0##1.000 1.000 2.06 4.596 3 70000 #LAVE,LACE,LALP,LALP,CADIStSpeaker.dat t:CO.targe 7402 ####/home/kuro/socu/2015/can2b/evalloss4pG p:./result-speaker.search/ProbDistSpeaker.dat t:CO.targe r o:pGt.output vth:0.5:0##0.000 0.995 2.049 2.072 3 70000 #LAVE,LACE,LALP,LALP,CADIStSpeaker.dat t:CI.targe t o:pGd.output vth:0.5:0##0.000 0.995 2.049 2.072 3 70000 #LAVE,LACE,LALP,LALP,CADIStSpeaker.dat t:CI.targe t o:pGd.output vth:0.5:0##0.000 0.005 0.148 0.153 3 70000 #LAVE,LACE,LALP,LALP,CADISTSPEAKER.dat t:C2.targe t o:pGd.loutput vth:0.5:0##0.000 0.005 0.148 0.153 3 70000 #LAVE,LACE,LALP,LACE,LALP,CADISTSPEAKER.dat t:C2.targe o:pGall.output vth:0.5:0##0.000 0.005 0.148 0.153 3 70000 #LAVE,LACE,LALP,CADISTSPEAKER.dat t:C2.targe o:pGall.output vth:0.5:0##0.000 0.005 0.148 0.153 2.74 3 210000 #LAVE,LACE,LALP,NILPD,NC ndata t:C1gtall. #####home/kuro/socu/2015/can2b/evallosseyep 7336 ####/home/turc/scuu/2015/can2b/evalloss4pG p:../result-speaker_search/ProbDistSpeaker.dat t:CO.targe to:pgG.output vth:O.5:0##1.000 1.786 4.595 3 7000 #LANE,LACE,LANE,LANED).nc ndata 7397 ####/home/kurc/scuu/2015/can2b/evalloss4pG p:../result-speaker_search/ProbDistSpeaker.dat t:Cl.targe c.pgC.output vth:O.5:0###.0000 0.995 1.775 1.796 3 7000 #LANE,LANED.ANED.nc ndata 7398 ####/home/kurc/sctu/2015/can2b/evalloss4pG p:../result-speaker.search/ProbDistSpeaker.dat t:C2.targe t o:pgG.output vth:O.5:0##0.000 0.005 0.195 0.200 3 70000 #LANE,LANED.NLDD.nc ndata 7398 ####/home/kurc/sctu/2015/can2b/evalloss4pG p:../result-speaker.search/ProbDistSpeaker.dat t:C2.targe t o:pgG.output vth:O.5:0##0.000 0.005 0.195 0.200 3 70000 #LANE,LACE,LANED.NC ndata 7399 ####/home/kurc/sctu/2015/can2b/evalloss4pG p:../result-speaker_search/ProbDistSpeaker.dat t:Ctgtall.target o:pGall.output vth:O.5:0##0.333 0.667 1.252 2.197 3 210000 #LAVE,LACE,LANED.NC ndata 7400 ###beta:O.550.2 7352 ###fpdg-\$d1/ProbDistSpeaker 7353 ###fpdg-\$d1/ProbDistSpeaker 7353 ###cp fshg.dat fsump/histtmp.dat/cat tmp/hist.dat |awk '{print \$1}'> tmp/hist1.dat/paste \$tmp/histtmp dat tmp/hist1.dat > \$fhg.dat ### 7354 ###car /dev/null > \$fpdg.dat 7466 ####/home/kuro/sotu/2015/can2b/evalloss4pg p:../result-speaker_search/ProbDistSpeaker.dat t:CO.targe t o:pGp.output vth:O.5:0##1.000 1.000 1.456 4.596 3 70000 #LAVE,LACE,LALP,LNLPD.nC ndata 7407 ####/home/kuro/sotu/2015/can2b/evalloss4pg p:../result-speaker_search/ProbDistSpeaker.dat t:Cl.targe #LoopLe 7345 ###cat tmp/hist.dat |awk '{print \$3}'> tmp/hist3.dat;paste \$tmp/histtmp.dat tmp/hist3.dat > \$fhg.dat 7355 ####### 7356 ###### 7356 ###ac \$fhg.dat|awk '{p0sum=\$1.p1sum=\$2.p2sum=\$3.psum=p0sum+p1sum+p2sum;printf("%e %e %e %e \n",\$4, ###cmd="\$d0/evalloss4pg p:\${fpdg}.dat t:\${ftgtall}.target o:\${foutall}.output vth:0.5:0";echo -n # PH(phase) for w:prompted-word o:other-word, t:transient #### Probability P(c_i|p_G) for Probabilistic Prediction (fpdg=\$d1/ProbDistG\${gibbs}}{{S}SD} ###cat \${fout}.output >> \${foutall}.output; ###cat \${ftgt}.target >> \${ftgtall}.target; ###all ######### copy and paste to here for (1) Jsum/psum.plsum/psum.p2sum/psum);}' >> \$fpdg.dat 7357 ### "t" "o" ; do r PH in "p" in 3 4 5; ###done #for PH ###sleep 2; ######## {cmd}##";\$cmd 7394 ###### 7395 ####bet 7396 ###/hc 7388 7389 #";\$cmd 7390 7391 7392 7393

7413 ####/homer/Ruro/socu/2015/can2b/evalloss4pG p:../result-speaker_search/ProbDistSpeaker.dat t:CO.targe c. rope.orguptu vthio.5:16#1.000 1.000 2.0059 4.588 3 70000 ##AF.JAACE_AIRD_JAND_AD.C ndata 7414 ####homer/Ruro/socu/2015/can2b/evalloss4pG p:../result-speaker_search/ProbDistSpeaker.dat t:Cl.targe t o:pdc.output vthio.0:5:0#0.000 0.995 2.048 2.070 3 70000 #LAVE_LACE_AIRD_PLADED.NC ndata 1415 ###homer/Ruro/socu/2015/can2b/evalloss4pG p:../result-speaker_search/ProbDistSpeaker.dat t:Cl.targe t o:pdc.output vthio.5:0#0.000 0.005 0.149 0.155 3 70000 #LAVE_LACE_AIRD_PLANDED.NC ndata 1716 ####/homer/Ruro/socu/2015/can2b/evalloss4pG p:../result-speaker_search/ProbDistSpeaker.dat t:C2.targe 1716 ####/homer/Ruro/socu/2015/can2b/evalloss4pG p:./result-speaker_search/ProbDistSpeaker.dat t:Ctgtall.targe 0:pdall.output vth:0.5:0 #0.333 0.667 1.419 2.271 3 210000 #LAVE_LACE_AIRD_PLADED.NC ndata 1717 ### 7408 ####.home/kuro/sotu/2015/can2b/bevalloss4pg p:./result-speaker_search/Probbistespeaker.dat t:C2.targe t o:pdo.output vth:0.5:0##0.000 0.004 0.275 0.279 3 70000 #LAME_LACE,LALE,LALE,LALE,LALE, ALLE, A st and incorrect speakers become larger.

740 #[6] gibbs:10.01(=]eigbbs:0 beta:0.01)=(gibbs:1 beta:0.010) is better than [b]-[d] jareas of correst speakers become much larger;

741 #[6] gibbs:1:0.005:0=(gibbs:0 beta:0.005)=(gibbs:1 beta:0.005:0) is better than [b]-[d] jareas of corrests and incorrect speakers become much much larger; range of pG = [0.33,0.64]

742 #####copy and paste from here for (1)

743 #### check new gibbs: bayes 7428 ###20166125 speakerdigit_v6.c for speaker-retrieval
7429 ###speakerdigit_v6.c for speaker-retrieval
7429 ###speakerdigit_v6 fs:/home/kuro/sotu/2012/12voicedata/allpole/oob4s:-IN40mbas2:300:1.6:1sx0.y nSDL:
710:10 pmin:10:01 yrm:10:09:1000 gibbs:1 beta:1:0.2 ver:-2 pApAd:0.80:0.96 LAR:0:0:-1 test:7:2000:2:0:20:60:
7430 ###gnuplot: plot "temt/tented to test:7:2000:2:0:20:60: 20160125 speakerdigit_v6.c for speaker search #[a] gibbs:1:1:0=(gibbs:0 beta:1)=(gibbs:1 beta:1:0) is conventional BI (Bayes Inference); resul #dl=../result-onsei_iCsicd if [! -e \$dl]; then mkdir \$dl:fi d2=/media/sf_DRIVE/cdata/15iconip/20150917takeguchi/12voicedata_sakashita/12voicedata/allpole:d2se ########## t is bad 7437 #[b] gibbs:1:0.2:0=(gibbs:0 beta:0.2)=(gibbs:1 beta:0.2:0) is better than [a], p^0.2 7437 #[c] gibbs:1:0.1:0=(gibbs:0 beta:0.1)=(gibbs:1 beta:0.1)=(gibbs:1 beta:0.5)=(gibbs:1 beta:0.65)=(gibbs:1 beta:0.65)=(gibbs #for only Correct speakers ### for iCs in 0 0 0; do for iconip2015 with SD=D and ##cat psdsum.dat | awk $\{if($2=100) \text{ print } $2,$3,$1;}'| \text{sort } -n > \text{tmp.dat } ##cat psdsum.dat | awk <math>\{if($2=100 \text{ &\& } $5==0) \text{ print } $0:\}'| \text{sort } -n > \text{tmp.dat } ##cat psdsum.dat | awk <math>\{if($2=100 \text{ &\& } $5==0) \text{ print } $0:\}'| \text{sort } -n > \text{tmp.dat } $0:\}'|$ d2=-/sotu/2015iconip/iconip_saigen/2012/12voicedata/allpole;d2sep=":" d2=.....7012/12voicedata/forupip4datea/d2sep=":" d2=.....7012/12voicedata/allpole;d2sep=":" dl=../result-onsei_iCsiCd_3saka; if [! -e \$dl]; then wkdir \$dl;fi
#dlc=../result-onsei_iCsiCd_d; fhg=\$tmp/histG\${gibbs}\${SD};cat /dev/null > \$fhg.dat #Initialize d2=/media/sf_D_DRIVE/cdata/15iconip/20151005sakashita/;d2sep="_ #for GEBI pApAd:pA:pAd #for only Correct speakers # SiCs="0"; SiCs="0 3 2"; #for Correct, Unregistered, Incorrect for icd in 0 1 2 3 4 5; do ############>>

for ics in \$Sics; do ### for ics in 0 0 0; #for BI tmp=./tmp;if [! -e \$tmp]; then mkdir \$tmp;fi
for gibbs in 1 0; do d2=~/sotu/2012/12voicedata/allpole;d2sep=":" SiCs4D="0";#SiCs4D="0 3 2"; for SD in "S" "D"; do # SD="S"; SD="D"; 2nd mountain shape if [\$gibbs -eq 1]; then
pAs=0.80;pAd=0.96;T=5;TT=15;gibbs=1; pAs=0.99;pAd=0.80;T=5;TT=15;gibbs=0; cat /dev/null > resultsum.dat
cat /dev/null > psdsum.dat
for sX in 0 1 2 3 4 5 6; do sP=-1;

```
else
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        7558
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7563
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            7481 #for d2 for file_names with under-bar ".", not colon ":"
7482 cmd='$prog fs:${d2}/cob4s_-1N40mbas2_300_1.6_1sx${sx}. y fd:${d2}/cob4d_-1N100mbas2_300_1.6_1sx${sx}.
y nsDL:7:10:10 pmin:0.01 yrm:1:0.9:1000 gibbs:$2300_1.6_1sx${sx}. y fd:${d2}/cob4d_-1N100mbas2_300_1.6_1sx${sx}.
7816.8;1cs:${id0}:$T:$TT sx:$sx sp:$sp void:0";$cmd > /dev/null r:-2 pApAd:${pAs}:${pAd} LAR:0:0:-1 test:5:200
7484 echo "Exec Scmd":$cm="."
                                 7477 if [ "&d2gep" = ":" ]; then #ytm:11:0.9:1000 or ytm:11:0.9:2000
7477 if [ "&d2gep" = ":" ]; then #ytm:11:0.9:1000 or ytm:11:0.9:2000
7478 cmd="%prog fe:%{d2}/oob4s:-INMombas2:300:1.6:1sx%{sx}}.
748 cmd="%prog fe:%{d2}/oob4s:-INMombas2:300:1.6:1sx%{sx}}, fd:%{d2}/oob4d:-INMOmbas2:300:1.6:1sx%{sx}}, y nSDL:7:10:10 pmin:0.01 ytm:1:0.9:1000 gibbs:$gibbs beta:1:0.95 ver:-2 papad:%{pas}:%{pas}:%{pad}/Dob4s:-INMombas2:300:1.6:1sx%{sx}}, y fd:%{d2}/oob4d:-INMOmbas2:300:1.6:1sx%{sx}}, y nSDL:7:10:10 pmin:0.01 ytm:1:0.9:1000 gibbs:%gibbs beta:1 ver:-2 papad:%{pad}/Spad}/DaR:0:0-1 test:5:2000:%{las}:%{idd}/Sr:%TT sx:%sx sp:%sp void:0'.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              cat /dev/null > f{fbr}_PPtrain.dat ##PP:Probabilistic Prediction cat /dev/null > f{fbr}_PPtest.dat for x_1 in 0 1 2 3 4 5 5; do export x_1 1000='expr x_2 1000 expr x_1 1000 | x_2 1000 expr x_3 1 × 2000 echo "sed -n -e\"'expr x{fbr}_PPtrain.d
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          sed -n -e "'expr ${sX_1000} + 1', 'expr ${sX_1000} + 1000'p" ${fbr}.dat >> ${fbr}.PPtrain.dat echo "sed -n -e \"'expr ${sX_1000} + 1001', 'expr ${sX_1000} + 2000'p\" ${fbr}.dat >> ${fbr}.PPtest.d
                                                                                                                                                                                                                                                                                                                                                                                                                                                          |awk '{print $1}'> tmp/histl.dat;paste $tmp/histtmp.da
                                                                                                                                                                                                                                                                                                                                                                                             cat $tmp/psd.dat >> psdsum.dat ######## <== $prog.c ,pg for speaker and digits ##psd.dat->psdsum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  cp %tmp/hist.eps %fhe
#ay %fhex #disp result
cp %fhg.dat %tmp/histmp.dat
cat tmp/hist.dat | awk '{print %3}' > tmp/hist3.dat'paste %tmp/histtmp.dat tmp/hist3.dat > $fhg.dat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          sed -n -e "'expr ${sX_1000} + 1001', expr ${sX_1000} + 2000'p" ${fbr}.dat >> ${fbr}_PPtest.dat PPfiles="${PPfiles} ${fbr}.
# Probability P(c_i|p_G) for Probabilistic Prediction (fpdg=$d1/ProbDistG${gibbs}${SD})
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ##check#export t=15;fb0=t-pG${t}
##check#fbr=${d1c}/resultp_iCs${iCd}{gidbs}-${fb0}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             if [ "$SD" = "D" ]; then #for 3=number of iCs candidates
if [ "$SiCs4D" = "0" ]; then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           x0=0;ndiv=100;nmav=3
cmd="histmav1-onsei $x0 $ndiv $nmav ${fbr}_PPtrain.dat"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             #paste $tmp/histtmp.dat tmp/hist.dat > $fhg.dat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  7536 fpdg=$d1/ProbDistG${gibbs}${SD}

7537 cp $fips_dat $tmp/histumg.dat/cat tmp/hist.dat |

1528 cat /dev/null > $fipdd ##

7538 cat /dev/null > $fipdd.dat

7549 ###

7540 if[ "$SD" = "D" ]; then #for 3=number of iCs of 7541 if[ "$SLG*4D" = "0" ]; then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   fhe=${d1}/hist-iCs${iCs}iCd${icd}G${d1}/hist-
                                                                                                                                                                                                                                                                                                                                                    cat $tmp/testsd_stat.dat >> resultsum.dat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ####################################
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   echo -e "\n" >> resultsum.dat
                                                                                                                                                                                                                                                                                                                                                                                                                                           done #for sX excluded speaker
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        #########################
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            echo Scmdl:Scmdl
#####################
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            echo $cmd; $cmd
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               done # for iCs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          #####
                                                                                                                                                                                                                                                                                                                                                                      dat 7486
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readmecan2mspeech.txt Jun 19 2021 08:15:37 7542 cat \$fbg.dat|awk '{posum=\$1.plsum=\$2.p2sum=\$3:p3sum=\$4:p4sum=\$5:p5sum=\$6:psum=p0sum+plsum+p2sum+p3sum+p4sum+p5sum;pzintf("%e %e %e %e %e %e %e)n",\$7, posum/psum,p1sum,p2sum,p2sum,p3sum,p5 >> \$fpdg.dat

752 set term tolid borded to reg; black;
753 set term tolid borded to reg; black;
754 plot to: 'special tolid borded to reg; black;
754 plot 'special tolid borded to reg; black;
755 set term tolise term tolise to output 'special tolid borded tolid borded tolid tol 7546 else #####if ["\$5D" = "S"]; then
7547 cat \$ffig.dat|awk '{posum=\$1+\$4+\$7+\$10+\$13+\$16;plsum=\$2+\$5+\$8+\$11+\$14+\$17;p2sum=\$3+\$6+\$9+\$12+\$15+\$18})
7548 fill sum=\$20sum*plsum 7544 cat \$fbg.dat|awk '{p0sum=\$1+\$2+\$3.p1sum=\$4+\$5+\$6.p2sum=\$7+\$8+\$9.p3sum=\$10+\$11+\$12.p4sum=\$13+\$14+\$15.psum.p3sum.p3sum.p3sum.p3sum.p3sum.p3sum.psum.p3sum.psum.p3sum.pasum.p3sum.pasum.p3sum.pasum.p3sum.pasum. set yrange [0:1.3]; set style data boxes; #set style data histeps set style fill solid border lc rgb "black" gnuplot << EOF

cat \${fout}.output >> \${foutall}.target; at \${ftgt}.target >> \${ftgtall}.target; ##all
fpdg=Probbisto8{gibbs}\${SD}
cmd="\$d0/evalloss4p0 pis{fpdg}.dat tis{ftgt}.target ois{fout}.output vthispgthisCth"
echo -n "#\$cmd ##';8cmd ##';8cmd

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##################
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      7731
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         7657 a=1.6;b=300;N=40;JDR=".A";for sX in -1 0 1 2 3 4 5 6; do speakerdigit_v5 fs:././2012/12voicedata/a llplole/cobd=4=-Unk[N]haba21;8[bx];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax];k[ax]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              794 TNO.966 ER3.491e-05 n6860(All)
7660 #al.65300N40 #TPO.932 TNO.981 ER1.542e-05 n5880(Reg) TPO.000 TNO.910 ER9.163e-05 n980(UnReg:sXl) TPO
7661 #al.65300N40 #TPO.932 TNO.980 ER1.451e-05 n5880(Reg) TPO.000 TNO.897 ER1.052e-04 n980(UnReg:sXl) TPO
7661 #al.65300N40 #TPO.935 TNO.980 ER1.394e-05 n5880(Reg) TPO.000 TNO.897 ER1.052e-04 n980(UnReg:sXl) TPO
7762 #al.65300N40 #TPO.938 TNO.980 ER1.394e-05 n5880(Reg) TPO.000 TNO.917 ER8.434e-05 n980(UnReg:sXl) TPO
762 #al.65300N40 #TPO.937 TNO.977 ER1.468e-05 n5880(Reg) TPO.000 TNO.919 ER8.226e-05 n980(UnReg:sX3) TPO
7663 #al.65300N40 #TPO.937 TNO.977 ER1.468e-05 n5880(Reg) TPO.000 TNO.919 ER8.226e-05 n980(UnReg:sX4) TPO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               801 TNO 967 ER3.381e-05 n6860(All)
7664 #al.6b300N40 #TPO.929 TNO.977 ER1.613e-05 n5880(Reg) TPO.000 TNO.906 ER9.579e-05 n980(UnReg:sX5) TPO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         788 TWO.965 ER3.601e-05 n6860(All)
7665 #al.6b300N40 #TPO.927 TWO.980 ER1.572e-05 n5880(Reg) TPO.000 TWO.924 ER7.705e-05 n980(UnReg:sX6) TPO
817 TWO.971 ER3.083e-05 n6860(All)
cmd="$d0/evalloss4pG p:${fpdg}.dat t:${ftgtall}.target o:${foutall}.output vth:$pGth:$Cth"; echo
                                                                                                                                                                                                                                                                                                                            cmdl="cat ../../2012/12voicedata/allpole/oob4s:-lN${N}mbas2:${b}:${a}:1sx${sx}${IDR}.ystat"
echo $cmd1;$cmd1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            zero:rei:ichi:ni:san:yon:si:go:roku:nana:sichi:hachi:kyu:ku zero:ichi:ni:san:yon:go:roku:nana:hachi:kyu:rei:si:sichi:ku
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   (2) tune a,b,N via checking error for sX of digit-CANZ #sec 2013/02/27
IDR=__B',#ID to discriminate the Result
IDR="_A",#ID to discriminate the Result
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      (1) tune a,b,N via checking error for sX of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               IDR="_B";#ID to discriminate the Result IDR="_A";#ID to discriminate the Result
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              for sX in -1 0 1 2 3 4 5 6; do
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     # for check UnReg error
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             a=1.6;b=300;N=100
                                   ##";$cmd; ###all
done #for gibbs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      make data-clean
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     nana sichi
hachi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        zero rei
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ichi
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                                                                                                                          7666
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yu:rei:si:sichi:ku ntxi:10 k:36 mbas:2:\${b}:\${a}:1 dir:../../2012/12voicedata/allpole d:-1 N:\${N} sx:\$sx IDR

```
7696 20151027<-20151016 7イルしたものは、第生した乱数が振木のものと違う。
7697 (1) 放下者のPCでコンパイルしたものは、第生した乱数が振木のものと違う。
7698 確認は故下者と無木のPCで発行しながら比べるしかない?
7709 pmin:0.01 yrmil:0.911000 gibbs:1 beat:1 adp:0.011.213:415.6:78.9 Ir:1 adr:0.011.2:3:45.6:78.9 Ver:-
10:10 pmin:0.01 yrmil:0.911000 gibbs:1 beat:1 adp:0.011.2:3:445.6:78.9 Ir:1 adr:0.011.2:3:45.6:78.9 ver:-
2 pAppd:0.80:0.96 LAR:0.0:-1 teat:5:2000:00:5:15 sx:0 sp:-1 void:0
7701 head tmp/tested_stat.dat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TPO.89 TWO.992 ER8.716e-06 n13720(All)
7687 #AL-6B300NOG #TPO.938 TNO.995 ER8.731e-06 n11760(Reg) TPO.450 TNO.983 ER2.893e-04 n1960(UnReg:sX3)
TPO.903 TWO.993 ER7.562e-06 n13720(All)
7688 #AL1.6B300NIOU #TPO.995 ER5.755e-06 n11760(Reg) TPO.393 TNO.974 ER3.232e-04 n1960(UnReg:sX4)
TPO.895 TWO.992 ER8.159e-06 n13720(All)
7689 #AL1.6B300NIOU #TPO.948 TNO.995 ER4.828e-06 n11760(Reg) TPO.671 TNO.990 ER1.730e-04 n1960(UnReg:sX5)
TPO.930 TNO.995 ER5.486e-06 n13720(All)
7690 #AL1.6B300NIOU #TPO.997 ER4.337e-06 n11760(Reg) TPO.386 TNO.972 ER3.277e-04 n1960(UnReg:sX5)
TPO.997 TNO.993 ER7.312e-06 n13720(All)
\verb|cmd1="cat.../.../2012/12voicedata/allpole/oob4d:-lN${N}mbas2:${b}:${a}:lsx${a}:lsx${sx}${lDR}.ystat" = colo $cmd1.$cmd1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  d2=~/sotu/2015iconip/iconip_saigen/2012/12voicedata/allpole;d2sep=":"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                d2=/media/sf_D_DRIVE/cdata/15iconip/20151005sakashita/;d2sep="_"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   d2=../../2012/12voicedata/iconip14data;d2sep=":"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    d2=~/sotu/2012/12voicedata/allpole;d2sep=":"
Sics4D="0';#sics4D="0 3 2";
for SD in "S" "D"; do # SD="S"; SD="D";
tmp=./tmp:if [ ! -e $tmp ]; then mkdir $tmp:fi
for gibbs in 1 0; do
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   d2=../../2012/12voicedata/allpole;d2sep=":"
```

```
7763 #for d2 for file_names with under-bar "_", not colon ":"
7764 cmd="speakerdigit_v5 fs:${d2}/oob4s_-IN40mbas2_300_1.6_1sx${sx}.y fd:${d2}/oob4d_-IN100mbas2_300_1.6_
1sx${sx}, v snDir.7:10:10 pmin:0.01 ytm:1:0.9:1000 gibbs:$gibbs beta:1 sdp:0:0:1:2:3:4:5:6:7:8:9 lT:1 sdT:0:0
1:1:2:3:4:5:6:7:8:9 ver:-2 papad:${paa}:${paa}:a{paa} Inar:0:0:1 test:5:2000:${ics}:${ics}:sfr:$rr:$rr sx:$sx sp:$sp void
:0:;$cmd > /dev/null
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    fb0=t-pG8[t]${SD}
fbx=${d1}/resultp_iG8${iCs}iG4}{at
cat /devnull > ${fb0}, dat
#echo "#pGC,t,n,pGC,pGCd" >> ${fb0}.dat #???
#echo "#pGC,t,n,pGC,pGCd" >> ${fb0}.dat #???
if [ "$SD" = "b" ]; then cat psdsum.dat|awk 'BEGIN{t=ENVIRON["t"];}{if($l==t){print $4,$0;}}' >> ${f}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               DO).dat ; fi ##psdsum.dat ->EDO for digits 7781 if ["s]==t) {print $4,$0;}}' >> ${f 7781 if ["sSD" = "S"]; then cat psdsum.dat|awk 'BEGIN{t=ENVIRON["t"];}{if($l==t){print $3,$0;}}' >> ${f 7782 #cat psdsum.dat ->EDO for speakers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  echo -e "\n" >> resultsum.dat
cat $tmp/psd.dat >> psdsum.dat ########### <== speakerdigit_v5.c ,pg for speaker and digits ##psd.da
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ${fbr}.dat >> ${fbr}_PPtrain.d
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     sed -n -e "'expr ${sX_1000} + 1', 'expr ${sX_1000} + 1000'p" ${fbr}.dat >> ${fbr}}_PPtrain.dat echo "sed -n -e \"'expr ${sX_1000} + 1001', 'expr ${sX_1000} + 2000'p\" ${fbr}.dat >> ${fbr}}_PPtest.d
                                                                                                                                                                                                                                                                                                                                                   ##########
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    cp %tmp/hist.eps %fhe
#ay %fhe
#ay fshe #disp result
cp $fhg.dat $tmp/histtmp.dat
cat tmp/hist.at | awk '{print $3}' > tmp/hist3.dat, paste $tmp/histtmp.dat tmp/hist3.dat > $fhg.dat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      sed -n -e "'expr ${sX_1000} + 1001', expr ${sX_1000} + 2000'p" ${fbr}.dat >> ${fbr}_PPtest.dat PPfiles="${PPfiles} ${fbr}.
                                                                                                                                                                                                                                                                                                                                                                                                                                    cat /dev/null > psdsum.dat
for sX in 0 1 2 3 4 5 6 i do sP=-1;
test=test:5:2000:${iCs}:${iCd}:5:15; #test:test->id:test->n:test->riCs:test->t_iCd:th->T
                                                                                                                                                                               )"]; then
#for only Correct speakers # SiGs="0"; #for only Correct speakers
                                                                                                                                                                                                                                                                                                                     for icd in 0 1 2 3 4 5; do ############*>>
for ics in $SiCs; do ### for ics in 0 0 0; do for iconip2015 with SD=D and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ##check#export t=15;fb0=t-pG${t}
##check#Expr*{Glaj/resultp.lcs${lcs}!dc$}{t$6}{c}$
cat /dev/null > ${fbr}_PPresintp.lcs${lcs}!dc$}
cat /dev/null > ${fbr}_PPresint_at ##PP:Probabilistic Prediction
cat /dev/null > ${fbr}_PPrest.dat
for sx__nn 0 1 2 4 5 6; do
export sx__1000= vxpx $x__x \ 2000'
export sx__1000= vxpx $x__x \ 2000'
export sx__n000= vxpx $x__x \ 2000'
echo "sed -n -e \".expr ${sx__1000} + 1', vxpr ${sx__1000} + 1000'p\".expr
                                                                                                                                             fhg=$tmp/histG${gibbs}${SD};cat /dev/null > $fhg.dat #Initialize
                                     #for GEBI pApAd:pA:pAd
                                                                                          #for BI pApAd:pA:pAd
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                cmd="histmav1-onsei $x0 $ndiv $nmav ${fbr}_PPtrain.dat"
                                                                                                                                                                                                                                                               SiCs="0 3 2"; #for Correct, Unregistered, Incorrect
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         fhe=${d1}/hist-iCs${iCs}iCd${iCd${iCd}}G${gibbs}.eps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           cat $tmp/testsd_stat.dat >> resultsum.dat
if [ $gibbs -eq 1 ]; then
pAs=0.80;pAd=0.96;T=5;T=15;gibbs=1;
                                                                                          pAs=0.99;pAd=0.80;T=5;TT=15;gibbs=0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ### Histgram by moving average
#############
x0=0:ndiv=100:nmav=3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ######################################
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                                                                                                                                                                                                                                                                                                                                                                                                                cat /dev/null > resultsum.dat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             done #for sX excluded speaker
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               #########################
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                                                                                                                                                                               li | "$SD" = "I
SiCs=$SiCs4D;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      done #for sX.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                export t=15,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    >fb0 for speakers
7783 cmdl="cp$
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               t->psdsum.dat
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```

Jun 19 2021 08:15:37 readmecan2mspeech.txt

#paste \$tmp/histtmp.dat tmp/hist.dat > \$fhg.dat

########################

```
7828 cat $figs.dat|awk '{posum=$1+$6+$7+$10+$13+$16;plsum=$2+$5+$8+$11+$14+$17;p2sum=$3+$6+$9+$12+$18;}

7829 fill awk '{posum=$1+$6+$7+$10+$13+$16;plsum.plsum,p2sum/psum,p2sumpsum.p2sumpsum;p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sumpsum.p2sum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               7821 if [ "$5D" = "D" ]; then #for 3=number of iCs candidates
7823 if [ "$5LG4D" = """ ]; then
7823 cat $f5,054D" = """ ]; then
7824 cat $f5,054 dat | awk '[p0sum-$1].p1sum-$21.p2sum=$3.p3sum=$4.p4sum=$5.p5sum=$6.psum=p0sum+p1sum+p2sum+p3sum
7825 cat $f5,055um=$6.psum-p0sum,p1sum,p3sum,p3sum,p3sum,p4sum,p3sum,p5sum-p3sum,p2sum,p5sum-p3sum,p4sum,p4sum,p4sum,p4sum,p4sum,p4sum,p5sum,p5sum,p1sum,p4sum,p4sum,p4sum,p4sum,p4sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p3sum,p4sum,p4sum,p4sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p5sum,p
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           op $fhg.dat $tmp/histtmp.dat;oat tmp/hist.dat |awk '{print $1}'> tmp/hist1.dat;paste $tmp/histtmp.da
                                                                                                                                                                                                                              \begin{tabular}{ll} $\#$ Probability $P(c_i|p_G)$ for Probabilistic Prediction $(fpdg=\$d1/ProbDistG\$\{gibbs\}\$\{SD\})$ $\#$ Probability $P(c_i|p_G)$ for Probability $\#$ Probability $P(c_i|p_G)$ for Probability $\#$ P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       foutall=PG${gibbs}Call${SD}:cat /dev/null >${foutall}.output ###all
ftgtall=Call${SD}:cat /dev/null > ${ftgtall}.target
###all
for ics in 0 3 2; do
if [ $iCs = "0" ]; then Ctgt=0; fi
if [ $iCs = "0" ]; then Ctgt=1; fi #unregistered
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               else ####if [ "$SD" = "S" ]; then
                                                                                                                                                                                                                                                                                                                                                                                           fpdg=$d1/ProbDistG${gibbs}${SD}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     t tmp/histl.dat > $fhg.dat ##
7810 cat /dav/mull > $fpdg
7820 ###
7821 if [ *$stc = "D" ]; th
7822 if [ *$stc = "D" ]; th
7823 cat $fhg.dat | awk '[00
done # for iCs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                gnuplot <<EOF
                                                                                                                                                             #####
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```

```
7907 #../can2b/evalloss496 p:ProbbistG1S.dat t:C2S.target o:PG1C2S.output vth:0.80:0 ##0.011 0.073 0.093 0.093 3 42000 #LAVE.LACE.LNILP.LACE.LORGA dat t:C2S.target o:PG1C2S.output vth:0.80:0 ##0.000 0.025 0.093 0.093 3 42000 #LAVE.LACE.LNILP.LACE.LORGA (1.22S.target o:PG1C2S.output vth:0.80:0 ##0.004 0.033 0.008 ##../can2b/evalloss469 p:ProbbistG1S.dat t:C31S.target o:PG1C31S.output vth:0.80:0 ##0.004 0.033 0.132 0.156 3 42000 #LAVE.LACE.LNILP.LANED.LC Gat t:C31S.target o:PG1C31S.output vth:0.99:0 ##0.049 0.029 0.132 0.156 3 42000 #LAVE.LACE.LNILP.LANED.LORGA (1.2S.target o:PG0C1S.output vth:0.99:0 ##0.051 0.761 1.008 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.102 0.10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               14 INIP=0.13552 INIPD=0.165152 nC=3 ndata=42000 7922 # Home/Nuclos octu 2015/canizb/evatloss4pg p:ProbDistG0S.dat t:CIS.target o:PGGCIS.output #IAACE=0.76209 7922 # Home. Nuclos octu 2015/canizb/evatloss4pg p:ProbDistG0S.dat t:CIS.target o:PGGCIS.output #IAACE=0.01814 7923 # Home. Nuclos octu /2015/canizb/evatloss4pg p:ProbDistG0S.dat t:CIS.target o:PGGCIS.output #IAACE=0.01814 29 INIP=0.457513 nC=3 ndata=42000 7924 # Home. Nuclos octu /2015/canizb/evatloss4pg p:ProbDistG0S.dat t:Calls.target o:PGGCIS.output #IAACE=0.2 7924 # Home. Nuclos octu /2015/canizb/evatloss4pg p:ProbDistG0S.dat t:Calls.target o:PGGCalls.output #IAACE=0.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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home/kuro/Desktop/iconip_saigen/2012/can2b/evalloss4pG p:ProbDistG1S.dat t:Cal1S.target o:PG1C2S.outpu utput #LACE=0.033254 LNLP=inf LNLPD=0.109572 nG=3 ndata=126000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   7932 home/kuro/Desktop/iconip_saigen/2012/can2b/evalloss4pG p:ProbbistG0S.dat t:COS.target o:PGGCOS.outpu t #LADCE=0.02522 kluxpp=0.155128 m. Cas. nata=42000 t #LADCE=0.02525 kluxpp=0.165128 m. Cas. nata=42000 t #LADCE=0.025012 kluxpp=1.0235 kluxpp=1.02355 n. Cas. nata=42000 t #LACE=0.762095 kluxp=1.0772 kluxpp=1.02355 n. Cas. nata=42000 t #LACE=0.762095 kluxp=1.0772 kluxpp=1.02355 n. Cas. nata=42000 t #LACE=0.03512 kluxpp=1.0235 n. Cas. nata=42000 t #LACE=0.03512 kluxpp=0.45731 kluxpp=0.457313 n. Cas. nata=42000 t #LACE=0.03512 kluxp=0.45731 kluxpp=0.457313 n. Cas. nata=42000 t #LACE=0.03512 kluxp=0.457313 n. Cas. nata=42000 t #LACE=0.03512 kluxp=0.03512 kluxp=0.0351
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          7915 ###result for gibbs=1, d2=../../2012/12voicedata/allpole;d2sep=":" by the executables complied on Ku
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              rogi's PC(yuka and mesasho gave same result)=same as 20151016sakashita's 7916 #/home/kuro/sotu/2015/can2b/evalloss4pG p:ProbDistGlS.dat t:COS.target o:PGlC0S.output #LACE=0.00311
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             52 INIP=0.220935 INIPD=0.220935 nC=3 ndata=42000
7918 #/home/kuro/socu/2015/can2b/evalloss4pG p:ProbbjstG1S.dat t:C2S.target o:PG1C2S.output #LACE=0.02504
76 INIP=inf INIPP=0.0966982 nC=3 ndata=42000
7919 #/home/kuro/socu/2015/can2b/evalloss4pG p:ProbbjstG1S.dat t:Calls.target o:PG1Calls.output #LACE=0.0
7919 #/home/kuro/socu/2015/can2b/evalloss4pG p:ProbbjstG1S.dat t:Calls.target o:PG1Calls.output #LACE=0.0
33254 INIP=inf INIPD=0.109572 nC=3 ndata=126000
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7927 home/kturo/Desktop/Lonoip_saigen/2012/can2b/evalloss4pg p:ProbbistGlS.dat t:COS.target o:PGlCOS.outpu
t #LACE=0.00311905 LNLpe-0.00820782 LNLpp-0.0110817 no=3 ndata=42000
7928 home/kuro/Desktop/iconip_saigen/2012/can2b/evalloss4pg p:ProbbistGlS.dat t:ClS.target o:PGlClS.outpu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  #/home/kuro/sotu/2015/can2b/evalloss4pg p:ProbDistG1S.dat t:C1S.target o:PG1C1S.output #LACE=0.07159
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       #/home/kuro/sotu/2015/can2b/evalloss4pg p:ProbDistG0S.dat t:C0S.target o:PG0C0S.output #LACE=0.02607
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   t #LACE=0.0715952 LNLP=0.220935 LNLPD=0.220935 nC=3 ndata=42000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             905 LNLP=0.00820782 LNLPD=0.0110817 nC=3 ndata=42000 7917 #/home/kuro/sotu/2015/can2b/evalloss4pG p:Prr
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          7920 ###result for gibbs=0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       7921
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```

Jun 19 2021 08:15:37 readmecan2mspeech.txt

utput #LACE=0.26877 LNLP=0.530689 LNLPD=0.548739 nC=3 ndata=126000

```
7981 ##../can2D/evalloss496 p:ProbbiscGlD.dat t:CallD.target o:PGICallD.output vth:0.96:1 ##0.000 0.030 0.339 0.348 6 42000 #LAVE.LACE.LANLP.LANLPD.nC ndata
798.2 #../can2D/evalloss496 p:ProbbiscGD.dat t:CallD.target o:PGICallD.output vth:0.96:1 ##0.013 0.171 0.780 #../can2D/evalloss496 p:ProbbiscGD.dat t:CaD.target o:PGICOD.output vth:0.80:1 ##0.013 0.015 0.789 #../can2D/evalloss496 p:ProbbiscGD.dat t:CID.target o:PGICID.output vth:0.80:1 ##0.220 1.000 0.555 1.230 6.7000 #LAVE.LACE.LANLP.LANLPD.nC ndata
7984 #../can2D/evalloss496 n:Powini.e.n.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ##0.007 0.014 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    verification using
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  #(2-2)result for d2=~/sotu/2015iconip/iconip_saigen/2012/12voicedata/allpole;d2sep=":" by the execut
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ##0.007 0.014 0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ##0.001 0.004 0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ##0.163 0.786 0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             fb0=t-pd${t}${SD}
fb0=t-pd${[c$]id${idd}6${gibbs}_s{fb0}}
#cat ${fbr}_brain_ids >> ${fout}.output
dct ${fbr}_bPtest.dst >> ${fout}.output
i=1:while [ $i=1e 7000 ] ;do echo "${ctgt}" >> ${ftgt}.target; if [ `expr $i $ 500` = "0" ] ; then
i=1:hille [ $i=1e 700 ] ;do echo "${ctgt}" >> ${ftgt}.target; if [ `expr $i $ 500` = "0" ] ; then
i=1:hille [ $i=1e 700 ] ;do echo "${ctgt}" >> ${ftgt}.target; if [ `expr $i $ 1 $ 500` = "0" ] ; then
i=1:hille [ $i=1e 700 ] ;do echo "${ctgt}" >> ${ftgt}.target; if [ `expr $i $ 1 $ 500` = "0" ] ; then
i=1:hille [ $i=1e 700 ] ;do echo "${ctgt}" >= ${ftgt}.target; if [ `expr $i $ 1 $ 500` = "0" ] ; then
i=1:hille [ $i=1e 700 ] ;do echo "${ctgt}" >= ${ftgt}.target; if [ `expr $i $ 1 $ 500` = "0" ] ; then
i=1:hille [ $i=1e 700 ] ;do echo "${ctgt}" >= ${ftgt}.target; if [ `expr $i $ 1 $ 500` = "0" ] ; then
i=1:hille [ $i=1e 700 ] ;do echo "${ftgt}" >= ${ftgt}.target; if [ `expr $i $ 1 $ 500` = "0" ] ; then
i=1:hille [ $i=1e 700 ] ;do echo "${ftgt}" >= ${ftgt}" >= ${ft
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            디
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          done #for iCs
cat ${fout}.output >> ${foutall}.output; cat ${ftgt}.target >> ${ftgtall}.target; ###all
fpdg=Problistofs{gibbs}${sD}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      cmd="$d0/evalloss4pg p:${fpdg}.dat t:${ftgt}.target o:${fout}.output vth:$pGth:$cth"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   for gibbs in 1 0; do if [ $gibbs = "1" ]; then pGth=0.96; else pGth=0.80; fi; ## threshold for LAVE in
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               7977 #../can2b/evalloss4pg prProbbistclib.dat t:C2D.target o:PG1C2D.output vth:0.96:1. 7978 #../can2b/evalloss4pg prProbbistclib.dat t:C2D.target o:PG1C2D.output vth:0.96:1. 7978 #../can2b/evalloss4pg prProbbistclib.dat t:C3D.target o:PG1C3D.output vth:0.96:1. 131 0.142 6 7000 #LAVE.LACE.LAND.LAND.D.O. data 7979 #../can2b/evalloss4pg prProbbistclib.dat t:C3D.target o:PG1C3D.output vth:0.96:1. 224 0.228 6 7000 #LAVE.LACE.LAND.LAND.D.O. data 799 #../can2b/evalloss4pg prProbbistclib.dat t:C4D.target o:PG1C4D.output vth:0.96:1. 7990 #../can2b/evalloss4pg prProbhistclib.dat t:C4D.target o:PG1C4D.output vth:0.96:1. 7980 #../can2b/evalloss4pg prProhimings
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         7975 #*./can2b/evalloss4pG p:ProbbistGlD.dat t:COD.target o:PGICOD.output vth:0.96:1 392 0:395 6 7000 #LAVE,LAKE,LAKE,LAKE,OG data 3796 #../can2b/evalloss4pG p:PcobbistGlD.dat t:ClD.target o:PGICID.output vth:0.96:1 988 0:999 6 7000 #LAVE,LACE,LAKEP,LANEDP,nC ndata
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               7990 #../canDb/evalloss4pG p:ProbbjetGlD.dat t:COD target o:PGGLCOD output vth:0.96:1 392 0.397 6 7000 #...dACE_LMND.LAND.p.Cn data = log(PGML=0.015)=4.200 7991 #...canDb/evalloss4pG p:ProbbjetGlD.dat t:CID.carget o:PEGLCD.output vth:0.96:1 398 0.398 6 7000 #LAVB.LAND.LMID.p.LMID.p.Cn data = log(PGML=0.015)=4.200 7992 #.../canDb/evalloss4pG p:ProbbjetGlD.dat t:CDD.target o:PEGLCD.output vth:0.96:1 164 0.178 6 7000 #LAVB.LACE_LMIP.D.MNPD.nC data = log(PGML=0.015)=4.200 totput vth:0.96:1 17993 #.../canDb/evalloss4pG p:ProbbjetGlD.dat t:CDD.target o:PEGLCD.output vth:0.96:1 17993 #.../canDb/evalloss4pG p:ProbbjetGlD.dat t:CDD.target o:PEGLCD.output vth:0.96:1 131 0.141 6 7000 #LAVB.LACE_LMIP.LMID.nC ndata = log(PGML=0.015)=4.200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                7986 #../can2b/evalloss4pG p:ProbDistGOD.dat t:C4D.target o:PG0C4D.output vth:0.80:1
826 1.188 6 7000 #LAVE,LACE,LNLP,LNLPD,nC ndata
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 7987 #../oan2b/evalloss4pG p:ProbDistGOD.dat t:C5D.target o:PG0C5D.output vth:0.80:1
569 0.583 6 7000 #LAVE,LACE,LNLP,LNLPD.nC ndata
                                                                                                                                                                                                                                                                                                                                                                  export Cth=1; #Cth=0; ## threshold for LAVE in verification using threshold
                                ##########copy and paste from here for (2-2)
d2=-/sotu/2015iconip/iconip_saigen/2012/12voicedata/allpole;d2sep=":"
d2=../../2012/12voicedata/iconip14data/d2sep=":"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    7984 #../can2b/evalloss4pG p:ProbDistGOD.dat t:C2D.target o:PGOC2D.output 694 1.665 6 7000 #LAVE,LACE,LNLP,LNLPD,nC ndata
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    foutall=PG${gibbs}Call${SD};cat /dev/null >${foutall}.output ###all
ftgtall=Call${SD};cat /dev/null > ${ftgtall}.target
for icd in 0 1 2 3 4 5; do #############>>
ctgt=$icd;
                                                                                                                                                                                                                            d0=../can2b; #d0=~/sotu/2015/can2b; #d0='pwd'
d1=../result-onsei_iCsiCd_saka; if [ ! -e $d1 ]; then mkdir $d1;fi
                                                                                                                                                                                 d2=../../2012/12voicedata/allpole;d2sep=":"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             #########copy and paste to here for (2-2)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            686 1.200 6 42000 #LAVE, LACE, LNLP, LNLPD, nC ndata 7989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ables complied on sakashita's PC Cth=1 7975 #../can2b/evalloss4pg p:ProbDist
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            cat /dev/null > ${fout}.output
cat /dev/null > ${ftgt}.target
for iCs in $$iCs4D; do ##
                                                                                                                                                                                                                                                                                                                                                                                                        SiCs4D="0";###SiCs4D="0 3 2";
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                fout=PG${gibbs}C${Ctgt}${SD}
ftgt=C${Ctgt}${SD}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           "#$cmd ##";$cmd
eval loss for D
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  done #for gibbs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           echo -n "#$cmd
done #for iCd
                                                                                                                                                                                                                                                                                                                       SD="D";
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   d $dl;
                                                                           7939 d2=
7940 d2=
7941 d0=
7943 d1=
7944 SD=
7945 expo
7946 Sico
7947 cd $
7949 if [
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             7974
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            7988
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         7950
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```

NLP-0.396 IMLPD-0.402 nC=6 ndata=7000 (IMLP_INPD<-log (PGmin=0.015)=4.200
8008 #/home/kurc/sotu/2015/can2b/evalloss4pg p:ProbbistGlD.dat t:CID.target o:PGICID.output #LACE=0.772 INLP-0.961 IMLPD-0.967 nC=6 ndata=7000 (IMLP_INPD-1.969 P:ProbbistGlD.dat t:CID.target o:PGICID.output #LACE=0.047 INLP-0.967 nC=6 ndata=7000 (IMLP_INPD-1.099 P:ProbbistGlD.dat t:CID.target o:PGICID.output #LACE=0.047 INLP-0.177 IMLPD-0.189 nC=6 ndata=7000 (IMLP_INPD<-log (PGmin=0.015)=4.200 8011 #/home/kuro/sotu/2015/can2b/evalloss4pG p:ProbbistGlD.dat t:C4D.target o:PGIC4D.output #LACE=0.115 L NLP-0.247 McMLPD-0.249 nc=6 ndata=7000 (MLP_D-1.09f Pamin=0.015)=44.200 8012 #/home/kuro/sotu/2015/can2b/evalloss4pG p:ProbbistGlD.dat t:C5D.target o:PGIC5D.output #LACE=0.025 L NLP-0.129 LMLPD=0.131 nc=6 ndata=7000 (LMLP_LNPO-1.09f Pomin=0.015)=4.200 on Kurogi's PC(yuka and mesasho gave same result) #/home/kuro/sotu/2015/can2b/evalloss4pG p:ProbDistGID.dat t:COD.target o:FGICGD.output #LACE=0.014 L 8010 #/home/kuro/sotu/2015/can2b/evalloss4pG p:ProbDistGlD.dat t:C3D.target o:PGIC3D.output #LACE=0.053 L NLP=0.150 LNLPD=0.163 nC=6 ndata=7000 (LNLP,LNPD<-log(PGmin=0.015)=4.200 #20151026 modified for exclude inf?d2=../../2012/12voicedata/allpole;d2sep=":" by the executables co #/home/kuro/sotu/2015/can2b/evalloss4pg p:ProbDistG1D.dat t:Cal1D.target o:PG1Cal1D.output #LACE=0. mplied on

171 IMLP=0.343 IMLPD=0.350 nC=6 mdata=42000 (IMLP_IMPD<-log(PGmin=0.015)=4.200
8014 #/home/kuro/sout/2015/can2b/evalloss496 p:Probhistolon_dat :cr0b.target o:PGGC0D.output #LACE=0.013 L
NLP=0.753 IMLPD=0.792 nC=6 ndata=7000 (IMLP_IMPD<-log(PGmin=0.015)=4.200
8015 #/home/kuro/sout/2015/can2b/evalloss496 p:Probhistolon_dat t:ClD.target o:PGGClD.output #LACE=0.988 L
8015 #/home/kuro/sout/2015/can2b/evalloss496 p:Probhistolon_dat t:ClD.target o:PGGClD.output #LACE=0.988 L 8018 #/home/kuro/sotu/2015/can2b/evalloss4pg p:ProbbistGOD.dat t:C4D.target o:PGOC4D.output #LACE=0.686 L NLPE-0.833 INLPD=1.175 nC=6 ndata=7000 (INLP.INPD<-log(PGmin=0.015)=4.200 #/home/kuro/sotu/2015/can2b/evalloss4pg p:ProbDistGOD.dat t:C2D.target o:PGOC2D.output #LACE=0.810 L #/home/kuro/sotu/2015/can2b/evalloss4pg p:ProbDistGOD.dat t:C5D.target o:PGOC5D.output #LACE=0.003 L #/home/kuro/sotu/2015/can2b/evalloss4pg p:ProbDistG0D.dat t:CallD.target o:PG0CallD.output #LACE=0.5 8017 #/home/kuro/sotu/2015/can2b/evalloss4pG p:ProbbistGOD.dat t:C3D.target o:PGOC3D.output #LACE=0.868 NLP=0.684 INLPD=1.735 nC=6 ndata=7000 (INLP,INPD<-log(PGmin=0.015)=4.200 61 LNLP=0.686 LNLPD=1.198 nC=6 ndata=42000 (LNLP, LNPD<-log(PGmin=0.015)=4.200 LNLPD=1.246 nC=6 ndata=7000 (LNLP,LNPD<-log(PGmin=0.015)=4.200 NLP=0.674 LNLPD=1.669 nC=6 ndata=7000 (LNLP,LNPD<-log(PGmin=0.015)=4.200 LNLPD=0.572 nC=6 ndata=7000 (LNLP,LNPD<-log(PGmin=0.015)=4.200 NLP=0.561 NLP=0.612 8019 8020

8059

8027 #/home/kuro/sotu/2015iconip/iconip_saigen/2012/can2b/evalloss4pg p:ProbDistGlD.dat t:C3D.target o:PG 12D.output #IAACE=0.180509 IALDPE-0.13492B nd=6 falate=7000 8028 #/home/kuro/sotu/2015iconip_saigen/2012/can2b/evalloss4pg p:ProbDistGlD.dat t:C4D.target o:PG 1C4D.output #IAACE=0.102429 IANDP=0.224494 IANDPD=0.228925 nc=6 ndata=7000 8029 #/home/kuro/sotu/2015iconip_iconip_saigen/2012/can2b/evalloss4pg p:ProbDistGlD.dat t:C5D.target o:PG 1C5D.output #IAACE=0.0297143 IANDP=0.135753 IANDP=0.14749 nc=6 ndata=7000 8029 #/home/kuro/sotu/2015iconip_iconip_saigen/2012/can2b/evalloss4pg p:ProbDistGlD.dat t:C3D.target o:PG 8030 #/home/kuro/sotu/2015iconip_iconip_saigen/2012/can2b/evalloss4pg p:ProbDistGlD.dat t:CallD.target o:PG 8030 #/home/kuro/sotu/2015iconip_iconip_saigen/2015iconi 8025 #/home/kuro/sotu/2015iconip/iconip_saigen/2012/can2b/evalloss4pG p:ProbDistGlD.dat t:ClD.target o:PG lCLD.cutput #LACE=0.786286 LM-20-0.8975 LMLPD-1.03476 nC=6 ndata=7000 8026 #/home/kuro/sotu/2015iconip/iconip_saigen/2012/can2b/evalloss4pG p:ProbDistGlD.dat t:C2D.target o:PG lC2D.output #LACE=0.477143 LMLP=0.16374 LMLDP=0.194228 nC=6 ndata=7000 8030 #/home/kuro/sctu/2015iconip/iconip_saigen/2012/can2b/evalloss4pg p:ProbDistGID.dat t:CallD.target o: PGICAllD.output #LACE=0.17073B NIM2P=0.33909 & ILM2P=0.33909 #C C and C an #/home/kuro/sotu/2015iconip/iconip_saigen/2012/can2b/evalloss4pG p:ProbDistGlD.dat t:COD.target o:PG 8023 ###result for gibbs=1, d2=../../2012/12voicedata/allpole;d2sep=":" by the executables complied 1C0D.output #LACE=0.0144286 LNLP=0.392493 LNLPD=0.409651 nC=6 ndata=7000 DG kashita's kashita's

8032 #/home/kuro/sotu/2015iconip/iconip_saigen/2012/can2b/evalloss4pG p:ProbDistG0D.dat t:C0D.target o:PG 0C0D.output #LACE=0.015 LNLP=0.761659 LNLPD=0.81168 nC=6 ndata=7000 8033 #/home/kuro/sotu/2015iconip/iconip_saigen/2012/can2b/evalloss4pG p:ProbDistG0D.dat t:C1D.target o:PG OC1D.output #LACE=1 LNLP=0.595188 LNLPD=1.23937 nC=6 ndata=7000 8035 #/home/kuro/sotu/2015iconip/iconip_saigen/2012/can2b/evalloss4pG p:ProbDistGOD.dat t:C3D.target o:PG 0C3D.output #LACE=0.378357 LAEP=0.670897 LNLPD-1.72637 nC=6 ndata=7000 0C3D.coutput #LACE=0.378357 LAST nC=6 ndata=7000 8036 #/home/kuro/sotu/2015iconip/iconip_saigen/2012/can2b/evalloss4pG p:ProbDistGOD.dat t:C4D.target o:PG 0C4D.output #LACE=0.691714 LMIP=0.826376 LNLDP=1.20543 nC=6 ndata=7000 8034 #/home/kuro/sotu/2015iconip/iconip_saigen/2012/can2b/evalloss4pG p:ProbDistG0D.dat t:C2D.target o:PG OC2D.output #LACE=0.773143 LNLP=0.693672 LNLPD=1.66523 nC=6 ndata=7000

readmecan2mspeech.txt Jun 19 2021 08:15:37

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8037 #/home/kuro/sotu/2015iconip/iconip_saigen/2012/can2b/evalloss4pG p.ProbDistGOD.dat t:C5D.target o:PG 0C5D.output #LACE=0.004 LNLP=0.569131 LNLPD=0.596444 nC=6 ndata=7000
8038 #/home/knuc95cut/2015/acnip_asiagen/2011/can2b/eval10sespg p:ProbDistGOD.dat t:CallD.target o:
PGOGallb.output #LACE=0.595619 LNLP=0.686154 LNLPD=1.70742 nC=6 ndata=42000

```
8050 home/kuro/Desktop/iconip_saigen/2012/can2b/evalloss4pg p:ProbbistGOD.dat t:COD.target o:PGOCOD.outpu eHAnces-0.1025714 LIMP=0.75312 LIMIP=0.83189 no.6 ndata=7000
8051 home/kuro/Desktop/iconip_saigen/2012/can2b/evalloss4pg p:ProbbistGOD.dat t:CID.target o:PGOCID.outpu t #LACE=0.988429 INID=0.612412 INID=0.25662 nC=6 ndata=7000
8052 home/kuro/Desktop/iconip_saigen/2012/can2b/evalloss4pg p:ProbbistGOD.dat t:CID.target o:PGOCID.outpu t #LACE=0.810429 IMID=0.674074 IMID=1.6681 nC=6 ndata=7000
8053 home/kuro/Desktop/iconip_saigen nC=6 ndata=7000
8053 home/kuro/Desktop/iconip_saigen nC=6 ndata=7000
8053 home/kuro/Desktop/iconip_saigen nC=6 ndata=7000
8054 home/kuro/Desktop/iconip_saigen nC=6 ndata=7000
8054 home/kuro/Desktop/iconip_saigen/2012/can2b/evalloss4pg p:ProbbistGOD.dat t:C3D.target o:PGOC3D.outpu t #LACE=0.867714 IMID=0.684469 IMID=1.73523 nC=6 ndata=7000
                                                                                                                                                                                                                                                                                                                                            8044 home/kuro/Desktop/iconip_saigen/2012/can2b/evalloss4pG p:ProbDistGlD.dat t:C2D.target o:PGICLD.outpu t #LACE=0.0471429 LAND=0.178163 LAND=0.122503 n.C=6 ndata=7000 8045 home/kuro/Desktop/iconin s=icon/conf
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      8045 home/kuro/Desktop/iconip_saigen/2012/can2b/evalloss4pG p:ProbbistGlD.dat t:C3D.target o:PGIC3D.outpu t #LACE=0.333857 LALNIP=0.148935 LNLD=0.174225 nC=6 ndata=7000 8046 home/kuro/Desktop/iconip_saigen/2012/can2b/evalloss4pG p:ProbbistGlD.dat t:C4D.target o:PGIC4D.outpu t #LACE=0.114571 LNLD=0.246902 LNLDD=0.249733 nC=6 ndata=7000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             8047 home/kuro/Desktop/iconip_saigen/2012/can2b/evalloss4pg p:ProbDistGlD.dat t:C5D.target o:PGIC5D.outpu t #LACE=0.0251429 LALPD-0.128831 LALPD-0.132246 nC=6 ndata=7000 8048 home/kuro/Desktop/iconip_saigen/2012/can2b/evalloss4pg p:ProbDistGlD.dat t:CallD.target o:PGICallD.output #LACE=0.171071 LALPD-0.343339 LALPD-0.364308 nC=6 ndata=42000 8049
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   8055 home/kuro/Desktop/iconip_saigen/2012/can2b/evalloss4pd p:ProbbistGOD.dat t:C5D.target o:PGOC5D.outpu t #LACE=0.03014308 [MIZP=0.50799 IAINIPD=0.57979 IAI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    8054 home/kuro/Desktop/iconip_saigen/2012/can2b/evalloss4pG p:ProbDistGOD.dat t:C4D.target o:PGOC4D.outpu t #LACE=0.685857 LNLP=0.832923 LNLPD=1.24381 nC=6 ndata=7000
                                                                                                 8042 home/kuro/Desktop/iconip_saigen/2012/can2b/evalloss4pg p:ProbbistGID.dat t:COD.target o:PG1COD.outpu
#LACE=0.014 INLP=0.396173 INLPD=0.421024 nC=6 ndata=7000
20151016sakashita
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         8057
```

C4 #(2-3) eval loss for D with the combied class new class $C0,C1,\ldots,C4$ for old $\{C0 \setminus cup\ C1\},\ C2,\ C3,$ d2=~/sotu/2015iconip/iconip_saigen/2012/12voicedata/al1po1e;d2sep=":" for gibbs in 1 0; do
fpdg=ProbbistG\${gibbs}\${SD}
fpdd=ProbbistG\${gibbs}\${SD}4
cat /dev/null > \${fpdd4}.dat
cat {fepdg}.dat | awk '{print \$1,\$2+\$3,\$4,\$5,\$6,\$7}' >> \${fpdg4}.dat export Cth=0; ## threshold for LAVE in verification using threshold d0=../can2b; #d0=~/sotu/2015/can2b; #d0='pwd'
d1=../result-onsei_iCsiCd_saka; if [! -e \$d1]; then mkdir \$d1:fi d2=../../2012/12voicedata/iconip14data;d2sep=":" #########copy and paste from here for (2-3) d2=../../2012/12voicedata/allpole;d2sep=":" SiCs4D="0";#SiCs4D="0 3 2"; done #for gibbs SD="D"; ####### \$d1

for gibbs in 1 0; do if then pgth=0.96; else pgth=0.80; fi; ## threshold for LAVE in verification using foutall=PG\$(gibbs)Call\$(SD)4:cat /dev/null >\${foutall}.output ###all
ftgtall=Call\${SD}4:cat /dev/null > \${ftgtall}.target
for icd in 0 1 2 3 4 5; do #############>>
if [\$icd -le 1]; then icd4=0; else icd4='expr \$icd -l'; fi
ctgt=\$icd4. fout=PG\${gibbs}C\${Ctgt}\${SD}4
ftgt=C\${Ctgt}\${SD}4
if [sicd -ne 1] ; then t=15 threshold 8082 8084 8084 8085 8086 8086 8090 8090 8092 8094 8093 8094 8096 8096 8096 8096 8096 8096 8081

fbr=regultp_lcs{!ics}!ics!icds{ltdd}G\$(gibbs)_\${fb0}}
are {fbr}_Pertain.dat >> \$fcut}.output
cat \$fEpr}_Pertain.dat >> \$ffcut}.output
i=1:while [\$i -le 7000] ;do echo "\${Ctgt}" >> \${ftgt}.target; if [`expr \$i \$ 500' = "0"] ; then
i=1:while [\$i -le 7000] ;do echo "\${Ctgt}" >> \${ftgt}.target; if [`expr \$i \$ 500' = "0"] ; then
done #for ics

fb0=t-pG\${t}\${SD}

echo -n 8099

readmecan2mspeech.txt

```
d2=/media/sf\_D\_DRIVE/cdata/15iconip/20150917takeguchi/12voicedata\_sakashita/12voicedata/allpole;d2sequchi/12voicedata/allpole;d2sequchi/12voicedata/allpole;d2sequchi/12voicedata/allpole;d2sequchi/12voicedata/allpole;d2sequchi/12voicedata/allpole;d2sequchi/12voicedata/allpole;d2sequchi/12voicedata/allpole;d2sequchi/12voicedata/allpole;d2sequchi/12voicedata/allpole;d2sequchi/12voicedata/allpole;d2sequchi/12voicedata/allpole;d2sequchi/12voicedata/allpole;d2sequchi/12voicedata/allpole;d2sequchi/12voicedata/allpole;d2sequchi/12voicedata/allpole;d2sequchi/12voicedata/allpole;d2sequchi/12voicedata/allpole;d2sequchi/12voicedata/allpole;d2sequchi/12voicedata/allpole;d2sequchi/12voicedata/allpole;d2sequchi/12voicedata/allpole;d2sequchi/12voicedata/allpole;d2sequchi/12voicedata/allpole;d2sequchi/12voicedata/allpole;d2sequchi/12voicedata/allpole;d2sequchi/12voicedata/allpole;d2sequchi/12voicedata/allpole;d2sequchi/12voicedata/allpole;d2sequchi/12voicedata/allpole;d2sequchi/12voicedata/allpole;d2sequchi/12voicedata/allpole;d2sequchi/12voicedata/allpole;d2sequchi/12voicedata/allpole;d2sequchi/12voicedata/allpole;d2sequchi/12voicedata/allpole;d2sequchi/12voicedata/allpole;d2sequchi/12voicedata/allpole;d2sequchi/12voicedata/allpole;d2sequchi/12voicedata/allpole;d2sequchi/12voicedata/allpole;d2sequchi/12voicedata/allpole;d2sequchi/12voicedata/allpole;d2sequchi/12voicedata/allpole;d2sequchi/12voicedata/allpole;d2sequchi/12voicedata/allpole;d2sequchi/12voicedata/allpole;d2sequchi/12voicedata/allpole;d2sequchi/12voicedata/allpole;d2sequchi/12voicedata/allpole;d2sequchi/12voicedata/allpole;d2sequchi/12voicedata/allpole;d2sequchi/12voicedata/allpole;d2sequchi/12voicedata/allpole;d2sequchi/12voicedata/allpole;d2sequchi/12voicedata/allpole;d2sequchi/12voicedata/allpole;d2sequchi/12voicedata/allpole;d2sequchi/allpole;d2sequchi/allpole;d2sequchi/allpole;d2sequchi/allpole;d2sequchi/allpole;d2sequchi/allpole;d2sequchi/allpole;d2sequchi/allpole;d2sequchi/allpole;d2sequchi/allpole;d2sequchi/allpole;d2sequchi/allpole;d2sequchi/allpole;d2se
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B133 home/kuro/Desktop/iconip_saigen/2012/can2b/evalloss4969 p:ProbbistGOD4.dat t:COD4.target o:PGGCOD4.out thut #LACE=0.102286 LNLP=0.291989 LNLPD=0.403314 nC=5 ndata=14000
B134 home/kuro/Desktop/iconip_saigen/2012/can2b/evalloss496 p:ProbDistGOD4.dat t:CID4.target o:PGGCID4.out thut #LACE=0.851286 LNLP=1.08685 LNLPD=1.66881 nC=5 ndata=7000
B135 home/kuro/Desktop/iconip_saigen/2012/can2b/evalloss496 p:ProbDistGOD4.dat t:C2D4.target o:PGGCID4.out thut #LACE=0.869143 LNLP=0.83146 LNLD=0.8313 nC=5 ndata=7000
B136 home/kuro/Desktop/iconip_saigen/2012/can2b/evalloss496 p:ProbDistGOD4.dat t:C3D4.target o:PGGC3D4.out thut #LACE=0.66987 NLD=0.831372 LNLD=0.8313 nC=5 ndata=7000
B137 home/kuro/Desktop/iconip_saigen/2012/can2b/evalloss496 p:ProbDistGOD4.dat t:C4D4.target o:PGGC3D4.out thut #LACE=0.0314286 LNLP=0.560798 LNLDP=0.573545 nC=5 ndata=7000
btput #LACE=0.0314286 LNLP=0.550798 LNLDP=0.573545 nC=5 ndata=7000
btput #LACE=0.374837 LNLDP=0.592647 LNLDP=0.899382 nC=5 ndata=49000
B138 home/kuro/Desktop/iconip_saigen/2012/can2b/evalloss496 p:ProbDistGOD4.dat t:CallD4.target o:PGGCallD6.8339 nC=5 ndata=49000
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   tput #LACE=0.0471429 LNLP=0.186058 LNLPD=0.222503 nC=5 ndata=7000
8129 home/kuro/Desktop/iconip_saigen72012/can2b/evalloss4pG p:ProbbistGlD4.dat t:C2D4.target o:PGlC2D4.ou tput #LACE=0.0532857 LNLP=0.148935 LNLPD=0.17425 nC=5 ndata=7000
8130 home/kuro/Desktop/iconip_saigen72012/can2b/evalloss4pG p:ProbbistGlD4.dat t:C3D4.target o:PGlC3D4.ou tput #LACE=0.14571 LNLP=0.246902 LNLPD=0.249733 nC=5 ndata=7000
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                #########copy and paste to here for (2-3)
###(2-3)result for d2=-/sotu/2015iconip_iconip_saigen/2012/12voicedata/allpole;d2sep=":" by the exec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     8122 #:./can2b/evalloss4pG p:ProbDistG004.dat t:C4D4.target o:PG0C4D4.output vth:0.80:0 ##0.001 0.00 6.569 0.583 57000 #LACE_LMLPD.tac nate 1.00 mate 1.00 mater 
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8141 #/home/kuro/sotu/2015iconip/iconip_saigen/2012/can2b/evalloss4pg p:ProbDistG1D4.dat t:COD4.target o:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PGICOD4.output #LACE=0.0239286 LANLE=0.0594332 LANLED=0.0809558 nC=5 ndata=14000
8142 #/home/kuro/sotu/2015iconip/iconip_saigen/2012/can2b/evalloss4pG p:ProbDistG1D4.dat t:CID4.target o:
PGICID4.output #LACE=0.0477143 LANLE=0.173193 LANLED=0.194228 nC=5 ndata=7000
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     8145 #/home/kuro/sotu/2015iconip/iconip_saigen/2012/can2b/evalloss4pG p:ProbDistG1D4.dat t:C4D4.target o:PG1C4p4.cutput #LACE=0.0297143 LMLD=0.138753 LMLD=0.14749 nc=5 ndata=7000
8146 #/home/kuro/sotu/2015iconip/iconip_saigen/2012/can2b/evalloss4pG p:ProbDistG1D4.dat t:CallD4.target o:PG1CallD4.output #LACE=0.0389592 LMLP=0.112245 LMLDP=0.125585 nC=5 ndata=49000
8147 ###result for gibbs=0, d2=../../2012/12voicedata/allpole;d2sep=":" by the executables complied on sa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ##0.085 0.02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ##0.370 0.87
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ##0.208 0.69
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            8106 dome #for idd
8107 dam's&Orevalloss4pG p:${fpdg4}.dat t:${frgtall}.target o:${foutall}.output vth:$pGth:$Cth"; echo .
##$cmd ##';$cmd:###all
cat ${fout}.output >> ${foutall}.output; cat ${ftgt}.target >> ${ftgtall}.target; ##all
if [ $icd -ne 0 ]; then
                                                                                                                                                                                                                                                                      fpdg4=Probbist6$[gibbs]${5D}4
cmd="$d0/evalloss4pG p:${Epdg4}.dat t:${ftgt}.target o:${fout}.output vth:$pgth:$Cth"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       #../can2b/evalloss4pg p:ProbDistGlD4.dat t:C0D4.target o:PGlC0D4.output vth:0.96:0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                8113 #../can2b/evalloss4pG p:ProbDistGlD4.dat t:ClD4.target o:PGlClD4.output vth:0.96:0 0.172 0.180 5 7000 #LAVE,LACE,LNLP,LNLPD,nC ndata ?class with maximum p is affected?
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              8121 #../can2b/evalloss4pG p:ProbDistGOD4.dat t:C3D4.target o:PGGC3D4.output vth:0.80:0 2 0.830 1.188 5 7000 #LAVUE_LACE_LINILP_LINILPD_nC ndata 8122 #../can2b/evalloss4nc n:Decharate Linitary nc ndata
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0 1.146 1.665 5 7000 #LAVE,LACE,LNLP,LNLPD,nC ndata ?class with maximum p is affected?
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       8112 #../can2b/evalloss4pg p:ProbDistGlD4.dat t:CC
4 0.069 0.072 5 14000 #LAVE,LACE,LNLP,LNLPD,nC ndata
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              utables complied on sakashita's PC Cth=0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              echo -n "#$cmd ##";$cmd
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        done #for gibbs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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8106
8107
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                8110
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```

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http://kurolab.cntl.kyutech.ac.jp/sotu/2012/12vicedata/iconip2014data/oob4s....(下参照)
だが、坂下君の卒論やICONIP2015の結果と違う。なぜ?
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          for gibbs in 1 0; do

for sor in 859; do dhg=$tmp/histG${gibbs}${SorD};cat /dev/null > $fhg.dat;done

if ["$SD" = "D" ]; then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    #for only Correct speakers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     cmp=./tmp:if [ ! -e $tmp ]; then mkdir $tmp:fi
31=../result-onsei_iCsiCd_saka; if [ ! -e $dl ]; then mkdir $dl;fi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      (1) 数字 and 話者 combined by kuro from the scripts by Sakashita
############### copy and paste from here for (1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                #dl=../result-onsei_iCsiCd; if [ ! -e $dl ]; then mkdir $dl;fi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       if [ $gibbs -eq 1 ]; then pas=0.80;pad=0.96;T=5;TT=15;gibbs=1; #for GEBI papad:pa:pad
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      pApAd:pA:pAd
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SiCs="0"; #for only Correct speakers # SiCs="0";
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SiCs="0 2 3"; #for Correct, Unregistered, Incorrect
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    for icd in 0 1 2 3 4 5; do ###########>>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    #for BI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 cat /dev/null > resultsum.dat
cat /dev/null > padsum.dat
for sx in 0 1 2 3 4 5 6; do sP=-1;
test=test:5:2000:${ics}:${icd}:5:15;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    pAs=0.99;pAd=0.80;T=5;TT=15;gibbs=0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 #dlc=../result-onsei_iCsiCd_d;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   !" C = "S ! : S = "S ! : SD = "D ! :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             for iCs in $SiCs; do
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    and 話者
```

#test:test->id:test->n:test->riCs:test->t_iCd:th->T

```
p5sum=$16+$17+$18;psum=p0sum+p1sum+p2sum+p3sum+p4sum+p5sum;printf("%e %e %e %e %e
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                [ "$SorD" = "D" ]; then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ##########
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        8239 #echo "#pGC,t.n.pGC,pGCd" >> ${fb0}.dat #???
8240 if "$sorb" = "D"]; then cat pedsum.dat|awk 'BEGIN{t=ENVIRON["t"];}{if($1==t){print $4,$0;}}' >> $
8241 if ["$sorb" = "S"]; then cat pedsum.dat|awk 'BEGIN{t=ENVIRON["t"];}{if($1==t){print $3,$0;}}' >> $
8241 if ["$sorb" = "S"]; then cat pedsum.dat|awk 'BEGIN{t=ENVIRON["t"];}{if($1==t){print $3,$0;}}' >> $
8242 #pgdsum.dat ->fb0 for speakers
8242 #cat pedsum.dat ->fb0 for speakers
8242 #cat pedsum.dat |awk 'BEGIN{t=ENVIRON["t"];}{if($1==t){print $3,$0;}}' >> ${fb0}.dat ##psdsum.dat -> $\text{pof for speakers}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          8225 #for d2 for file_names with under-bar "_", not colon ":"
8226 cmd="speakerdight_v5 fs:${d2}}\oob4a_-IN40mbas2_300_1.6_1sx${sx}}.y fd:${d2}}\oob4d_-IN100mbas2_300_1.6
1_lsx${sx}}, v m5Di-7:10:10 pmin:0.01 ytm:1:0.9:1000 gibbs:$qibbs beta:1 sdp:0:0:1:2:3:4:5:6:7:8:9 lT:1 sdT:0:0
1:1:2:3:4:5:6:7:89 ver:-2 pApAd:${pA}}:${pA}$:${pA}$:${pA}$:${pA}$:${pA}$:$$pad:${pA}$:$$pad:${pA}$:$$pad:${pA}$:$$pad:${pA}$:$$pad:${pA}$:$$pad:${pA}$:$$pad:${pA}$:$$pad:${pA}$:$$pad:${pA}$:$$pad:${pA}$:$$pad:${pA}$:$$pad:${pA}$:$$pad:${pA}$:$$pad:${pA}$:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$$pad:$
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##check#export t=15;fb0=t-pg8{t}
##check#export t=15;fb0=t-pg8{t}
cat /dev/null > ${fbr}. Pprexin.at ##PP:Probabilistic Prediction
cat /dev/null > ${fbr}. Pprexidet
cat /dev/null > ${fbr}. Pprest.dat
cat /dev/null /dev
8221 d2=~/sotu/2015iconip/iconip_saigen/2012/12voicedata/allpole;d2sep=":"
822 if [ "$d2sep" = ":" ] ; then #yrm:1:0.9:1000 or yrm:1:0.9:2000
823 cmd="speakerdigit_v5" f cooks:-Inflownbas2:300:1.6:1ax${sx}.y fd:${d2}/oob4d:-Inflownbas2:300:1.6
823 cmd="speakerdigit_v5" f cooks:-Inflownbas2:300:1.6:1ax${sx}.y fd:${d2}/oob4d:-Inflownbas2:300:1.6
823 cmd="speakerdigit_v5" f cooks:-Inflownbas2:300:1.6
823 cmd="speakerdigit_v5" f cooks:-Inflownbas2:300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      echo -e "\n" >> resultsum.dat
cat $tmp/psd.dat >> psdsum.dat ############ <== speakerdigit_v5.c ,pg for speaker and digits ##psd.da
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      sed -n -e "'expr ${8X_1000} + 1','expr ${8X_1000} + 1000'p" ${fbr}.dat >> ${fbr}.PPtrain.dat echo "sed -n -e \"'expr ${8X_1000} + 1001','expr ${8X_1000} + 2000'p\" ${fbr}.dat >> ${fbr}._PPtest.d
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                8278 fpdg=$dl/ProbDistG${gibbs}${SorD}
8279 op $fbg.dat 'stmp/histump.dat;cat tmp/hist.dat |awk '{print $1}'> tmp/histl.dat;paste $tmp/histtmp.da
t tmp/histl.dat > $fbg.dat ###
8280 cat /dev/null > $fpdg.dat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         cat $fbg.dat awk '{p0sum=$1+$2+$3.p1sum=$4+$5+$6.p2sum=$7+$8+$9;p3sum=$10+$11+$12;p4sum=$13+$14+$15;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               op $fbg.dat $tmp/histtmp.dat cat tmp/hist3.dat/paste $tmp/histtmp.dat tmp/hist3.dat > $fbg.dat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         sed -n -e "'expr ${sX_1000} + 1001', expr ${sX_1000} + 2000'p" ${fbr}.dat >> ${fbr}_PPtest.dat
PPfiles="${Ppfiles} ${fbr}"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          # Probability P(c_i|p_G) for Probabilistic Prediction (fpdg=$d1/ProbDistG${gibbs}${SorD})
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           cmd="histmav1-onsei $x0 $ndiv $nmav ${fbr}_PPtrain.dat" echo $cmdi $cmd cmd | $cmd | $
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            fbb=t-pd$(t } $(sorp)
fpr=${al}/resultp_iCs$(iCs)iCd$(iCd)G${gibbs}_$(fb0)
fpr=${al}/resultp_iCs$(ids).dat
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see the temp postsoribiliset output 'Strong repr': Prepict

200 Sight

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8295 set yrange [0:1.3]; set style data boxes; #set style data histeps
8295 set texm tgif.set output "$fpdg.obj"
8296 set term tgif.set output "$fpdg.obj"
8297 plot "$fpdg.dat" using 1:(\$2+\$3+\$4+\$5+\$6+\$7) lc rgb "black" t "5/5", "" using 1:(\$3+\$4+\$5+\$6+\$7) lc rgb "black" t "3/5", "" using 1:(\$6+\$7) lc rgb "plot" t "3/5", "" using 1:(\$6+\$7) lc rgb "yellow" t "3/5", "" using 1:(\$6+\$7) lc rgb "yellow" t "3/5", "" using 1:(\$6+\$7) lc rgb "yellow" t "1/5", "" using 1:(\$6+\$7) lc rgb "pink" t "0/5"
8298 set texm postscript.set output "$fpdg.eps";reploc
        d'unsd/unsod
                                                               8288 else
8289 cat $fing.dat|awk '{posum=$1+$4+$7+$10+$13+$16;plsum=$2+$5+$8+$11+$14+$17;p2sum=$3+$6+$9+$12+$15+$18;
psum=posum-plsum+p2sum/pxintf("%e %e %e %e\n",$19, posum/psum,plsum/psum,p2sum/psum);}' >> $fpdg.dat
8290 fi
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                                      Lsum/psum,p2sum,p3sum,p3sum,p4sum/psum,p5sum,p5sum);}' >> $fpdg.dat
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readmecan2mspeech.txt Jun 19 2021 08:15:37

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8417 #/home/kuro/sotu/2015/can2b/evalloss4pg p:ProbDistGlD.dat t:ClD.target o:PG1ClD.output #LACE=0.93228

8436 #/home/kuro/sotu/2015/can2b/evalloss4pG p:ProbDistGlD.dat t:C3D.target o:PGIC3D.output #LACE=0.05814
99.NLD=0.1.05121 XIMPD=0.1.80975 no=6 nbata=21000
8437 #/home/kuro/sotu/2015/can2b/evalloss4pG p:ProbDistGlD.dat t:C4D.target o:PGIC4D.output #LACE=0.12871
4 INLP=0.27072 INLDD=0.272206 nC=6 ndata=21000
8438 #/home/kuro/sotu/2015/can2b/evalloss4pG p:ProbDistGlD.dat t:C5D.target o:PGIC5D.output #LACE=0.023 L
NLP=0.108757 INLDD=0.111188 nC=6 ndata=21000
8439 #/home/kuro/sotu/2015/can2b/evalloss4pG p:ProbDistGlD.dat t:CallD.target o:PGIC5D.output #LACE=0.03 L
NLP=0.108757 INLDD=0.111188 nC=6 ndata=21000 A440 ### result for gibbs-0 d2=media/sE_D_RRTVE/cdata/15iconip/20151005sakashita/;d2sep="_" ### result for gibbs-0 d2=media/sE_D_RRTVE/cdata/15iconip/2015

for for ics in 0 0 0 do" ### same as result of Fig3 in iconip2015

for for ics in 0 0 0 do" ### same as result of Fig3 in iconip2015

57 IAND=0.74312 IANDP0-0.792684 no=6 ndata=21000

5842 #/home/kuro/sotu/2015/can2b/evalloss4pg p:ProbbistGOD.dat t:CID.target o:PGGCID.output #IACE=0.98614

3 IAND=0.618302 IANDP0-1.25343 no=6 ndata=21000

5843 #/home/kuro/sotu/2015/can2b/evalloss4pg p:ProbbistGOD.dat t:CID.target o:PGGCID.output #IACE=0.981785

7 IAND=0.680088 IANDP0-1.6825 no=6 ndata=21000

5844 #/home/kuro/sotu/2015/can2b/evalloss4pg p:ProbbistGOD.dat t:C3D.target o:PGGCID.output #IACE=0.89142

5844 #/home/kuro/sotu/2015/can2b/evalloss4pg p:ProbbistGOD.dat t:C3D.target o:PGGCID.output #IACE=0.89142

5845 #/home/kuro/sotu/2015/can2b/evalloss4pg p:ProbbistGOD.dat t:C3D.target o:PGGCID.output #IACE=0.89142

5845 #/home/kuro/sotu/2015/can2b/evalloss4pg p:ProbbistGOD.dat t:C4D.target o:PGGCID.output #IACE=0.89142 8429 #/home/kuro/sotu/2015/can2b/evalloss4pg p:ProbDistGOD.dat t:C5D.target o:PGOC5D.output #LACE=0.00880 925 IMLPD-0.634509 nc=6 ndata=21000 8430 #/home/kuro/sotu/2015/can2b/evalloss4pg p:ProbDistGOD.dat t:CallD.target o:PGOCallD.output #LACE=0.59349 INLp=0.670201 INLDP=1.34502 nc=6 ndata=126000 8432 ### result for gibbs=1 d2=/media/sf_D_DRIVE/cdata/15iconip/20151005sakashita/;d2sep="_" ### result for "for iCs in 0 0 0; do" <### same as result of Fig3 in iconip2015 8433 #/home/kuro/sotu/2015/can2b/evalloss4pg p:ProbDistGID.dat t:C0D.target o:PGIC0D.output #LACE=0.015 I 8446 #/home/kuro/sotu/2015/can2b/evalloss4pG p:ProbDistG0D.dat t:C5D.target o:PG0C5D.output #LACE=0.003 L 8447 #/home/kuro/sotu/2015/can2b/evalloss4pg p:ProbDistGOD.dat t:CallD.target o:PGOCallD.output #LACE=0.5 8495 LNLD=0.687181 LNLPD=1.20611 nC=6 ndata=126000 8448 #### result for gibbs=1 d2=../../2012/12voicedata/allpole; 8453 #/home/kuro/sotu/2015/can2b/evalloss4pG p:ProbDistGlD.dat t:C3D.target o:PGIC3D.output #LACE=0.05814
29 LNLD=0.16212 LNLDP=0.180976 no=6 ndata=21000
4544 #/home/kuro/sotu/2015/can2b/evalloss4pG p:ProbDistGlD.dat t:C4D.target o:PGIC4D.output #LACE=0.12871
4 LNLD=0.27072 LNLD=0.272266 no=6 ndata=21000
8455 #/home/kuro/sotu/2015/can2b/evalloss4pG p:ProbDistGlD.dat t:C5D.target o:PGIC5D.output #LACE=0.023 L 0; do: 8458 #/home/kuro/sotu/2015/can2b/evalloss4pg p:ProbDistGOD.dat t:COD.target o:PGOCOD.output #LACE=0.01528 57 LNLP=0.74212 LNLPD=0.792684 nC=6 ndata=21000 57 LNLP=0.74212 LNLPD=0.792684 nC=6 ndata=21000 8459 #/home/kuro/sotu/2015/can2b/evalloss4pg p:ProbDistGOD.dat t:ClD.target o:PGOClD.output #LACE=0.98614 #LACE=0.204 L #LACE=0.00138 #LACE=0.79957 8451 #/home/kuro/sotu/2015/can2b/evalloss4pg p:ProbDistGlD.dat t:ClD.target o:PdlClD.output #LACE=0.79957 LAND=0.995418 LNLPD=1.0096 nC=6 ndata=21000 8456 #/home/kuro/sotu/2015/can2b/evalloss4pg p:ProbDistGlD.dat t:CallD.target o:PGlCallD.output #LACE=0.1 #LACE=0.02890 0; do" same as above 8450 .#/home/kuro/sotu/2015/can2b/evalloss4pg p:ProbDistGID.dat t:COD.target o:PGICOD.output #LACE=0.015 #### result for gibbs=0 d2=../../2012/12voicedata/allpole;d2sep=":" #### result for "for iCs in 0 0 8434 #/home/kuro/sotu/2015/can2b/evalloss4pg p:ProbDistGlD.dat t:ClD.target o:PGlClD.output 1 LNLP=0.995418 LNLPD=1.0096 nC=6 ndata=21000 8452 #/home/kuro/sotu/2015/oan2b/evalloss4pG p:ProbDistGlD.dat t:C2D.target o:PGlC2D.output 86 LNLP=0.192005 LNLPD=0.219791 nC=6 ndata=21000 8435 #/home/kuro/sotu/2015/oan2D/evalloss4pG p:ProbDistGID.dat t:C2D.target o:PGIC2D.output 86 LNLP=0.192005 LNLPD=0.219791 nC=6 ndata=21000 8418 #/home/kuro/sotu/2015/can2b/evalloss4pg p:ProbDistG1D.dat t:C2D.target o:PG1C2D.output 7931 LNLP=0.354209 LNLPD=0.367496 nC=6 ndata=126000 7931 LNLP=0.354209 LNLPD=0.367496 nC=6 ndata=126000 52 LNLP=0.187211 LNLPD=0.207524 nC=6 ndata=21000 4 LNLP=0.861829 LNLPD=1.19678 nC=6 ndata=21000 LNLP=0.996135 LNLPD=1.01199 nC=6 ndata=21000 LNLP=0.396237 LNLPD=0.411218 nC=6 ndata=21000 LNLP=0.695465 LNLPD=1.55115 nC=6 ndata=21000 NLP=0.396237 LNLPD=0.411218 nC=6 ndata=21000 NLP=0.544394 LNLPD=0.558326 nC=6 ndata=21000 NLP=0.108757 LNLPD=0.111188 nC=6 ndata=21000 8431 8457

```
8377 #/home/Naturo/solu/2015/canizb/evalloss4pg p:ProbDistGlb4.dat t:C4D4.target o:PGIC4D4.output #LACE=0.00 8537 #/home/Naturo/solu/2015/canizb/evalloss4pg p:ProbDistGlb4.dat t:C4D4.target o:PGIC4D4.output #LACE=0.00 8538 #/home/Nato/solu/2015/canizb/evalloss4pg p:ProbDistGlb4.dat t:CallD4.target o:PGICallD4.output #LACE=0.0482109 LMLp-0.1371 LMLp-0.142893 nn=5 ndata=147000 8539 #result for gibbs=0 62=../../2012/13voicedata/iconipl4data:d2sep=":" 8540 #/home/Nato/solu/2015/canizb/evalloss4pg p:ProbDistGOD4.dat t:C0D4.target o:PGOCOD4.output #LACE=0.10 8976 LMLp-0.391038 LMLp-0.508928 nn=5 ndata=42000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                8544 #/home/kuro/sotu/2015/can2b/evalloss4pg p:ProbDistGOD4.dat t:C4D4.target o:PGOC4D4.output #LACE=0.00 880952 IMLP=0.60068 IMLNEP=0.545159 note=1.000 880952 IMLP=0.54510 note=1.000 ProbDistGOD4.dat t:CallD4.target o:PGOCallD4.output #LACE=0.40598 IMLP=0.32354 IMLPD=1.02852 IC=5 INGATa=1.7700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       for "for iCs in 0 0 00; do" <### same as result of Fig3 in iconip2015

8548 #home/kuro/scut/2015/can2b/veanloss4g6 prProbDistG1D4.dat t:C0D4.target o:PG1C0D4.output #LACE=0.02
17857 LMLP=0.0559032 LMLPD=0.0611775 nC=5 ndata=42000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            8549 #/home/kuro/sotu/2015/can2b/evallossigG pProbbistGlD4.dat t:ClD4.target o:PGlClD4.output #LACE=0.05 M.7486 LAND=0-2.02048 LAND=0-2.12991 nc=2.5 ndata=21000 8550 #/home/kuro/sotu/2015/can2b/evallossigP pProbbistGlD4.dat t:C2D4.target o:PGlC2D4.output #LACE=0.05 81429 LNLp=0.16212 LNLpD=0.180976 nc=5 ndata=21000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 8551 #/home/kuro/sotu/2015/can2b/evalloss4pG p.ProbDistGlD4.dat t:C3D4.target o:PGIC3D4.output #LACE=0.12 8714 LNLP=0.27072 KNLPD=0.27072 CARLORS nG=5 ndata=21000 8552 #/home/kuro/sotu/2015/can2b/evalloss4pG p:ProbDistGlD4.dat t:C4D4.target o:PGIC4D4.output #LACE=0.02 8552 #/home/kuro/sotu/2015/can2b/evalloss4pG p:ProbDistGlD4.dat t:C4D4.target o:PGIC4D4.output #LACE=0.03 8553 #/home/kuro/sotu/2015/can2b/evalloss4pG p:ProbDistGlD4.dat t:CallD4.target o:PGICallD4.output #LACE=
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          8559 #/home/kuro/sotu/2015/can2b/evalloss4pg p:ProbDistGOD4.dat t:C4D4.target o:PGOC4D4.output #LACE=0.00 LIND=0.544394 LIND=0.55326 nC=5 meda=21000 LIND=0.55326 nC=5 meda=21000 LIND=0.55356 nC=5 meda=2.00 LIND=0.00 LIND=0.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             9 INID=0.193214 INIDD=0.203926 nC=5 ndata=21000
8566 #/home/kuro/sotu/2015/can2b/evalloss4pg p.ProbDistGlD4.dat t:C2D4.target o:PGlC2D4.output #LACE=0.03
11429 INID=0.9998847 INIDD=0.117324 nC=5 ndata=21000
8567 #/home/kuro/sotu/2015/can2b/evalloss4pg p.ProbDistGlD4.dat t:C3D4.target o:PGlC3D4.output #LACE=0.20
4 INID=0.292467 INIDD=0.302644 nC=5 ndata=21000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 8534 #/home/kuro/sotu/2015/can2b/evalloss4pg p:ProbDistGID4.dat t:CID4.target o:PG1CiD4.output #LACE=0.0470952 INLP=0.201527 INLPD=0.207524 nC=5 ndata=21000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    8541 #/home/kuro/sotu/2015/can2b/evalloss4pg p:ProbDistG0D4.dat t:ClD4.target o:PG0ClD4.output #LACE=0.73
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 8542 #/home/kuro/sotu/2015/can2b/evalloss4pG p:ProbDistGOD4.dat t:C2D4.target o:PGOC2D4.output #LACE=0.98
7429 INLP=0.817889 INLPD=1.87119 nC=5 ndata=21000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               #/home/kuro/sotu/2015/can2b/evalloss4pg p:ProbDistG0D4.dat t:C2D4.target o:PG0C2D4.output #LACE=0.89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            8558 #/home/kuro/sotu/2015/can2b/evalloss4pg p:ProbDistGOD4.dat t:C3D4.target o:PGOC3D4.output #LACE=0.67 5714 LNLP=0.864123 LNLPD=1.19678 nC=5 ndata=21000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     8563 #result for gibbs=1 d2=../../2012/12voicedata/iconip14data;d2sep=":" ### result for "for iCs in 0 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  #/home/kuro/sotu/2015/can2b/evalloss4pg p:ProbDistGlD4.dat t:C0D4.target o:PGlC0D4.output #LACE=0.02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ### result for gibbs=1 d2=/media/sf_D_DRIVE/cdata/15iconip/20151005sakashita/;d2sep="_" ### result
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      cmd="$d0/evalloss4pg p:${fpdq4}.dat t:${ftgtall}.target o:${foutall}.output"; echo -n "#$cmd"; $cmd;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                8535 #/home/kuro/sotu/2015/can2b/evalloss4pG p:ProbDistGlD4.dat t:C2D4.target o:PGlC2D4.output 389048 LNLP=0.0986392 LNLPD=0.115061 nC=5 ndata=21000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        8536 #/home/kuro/sotu/2015/san2b/evalloss4pG p:ProbDistGlD4.dat t:C3D4.target o:PGlC3D4.output 34 LNLP=0.289884 LNLPD=0.296209 nC=5 ndata=21000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         8543 #/home/kuro/sotu/2015/can2b/evalloss4pG p:ProbDistG0D4.dat t:C3D4.target o:PG0C3D4.output
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      32143 INLP=0.0580005 INLPD=0.0644127 nC=5 ndata=42000
8565 #/home/kuro/sotu/2015/can2b/evalloss4pG p:ProbDistG1D4.dat t:C1D4.target o:PG1C1D4.output
                                                                                                                                                      cat ${fout}.output >> ${foutall}.output; cat ${ftgt}.target >> ${ftgtall}.target; ###all
                                                                                                                                                                                                    if [ $icd -ne 0 ] ; then
fpdg4=ProbbistG$(gibbs)${SorD}4
cmd="$d0/evalloss4pg p:${fpdg4}.dat t:${ftgt}.target o:${fout}.output"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   #result for gibbs=1 d2=../../2012/12voicedata/iconip14data;d2sep=":"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0.375429 LNLP=0.593527 LNLPD=0.891944 nC=5 ndata=147000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ########copy and paste to here for (2-3)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       6762 LNLP=1.05606 LNLPD=1.72339 nC=5 ndata=21000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1429 LNLP=0.824134 LNLPD=1.7526 nC=5 ndata=21000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             681 LNLP=0.78953 LNLPD=1.55115 nC=5 ndata=21000
-n "."; fi; i=\expr $i + 1\; done
                                                                                                                                                                                                                                                                                                                                                           "#$cmd ";$cmd
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            gibbs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  done #for SorD
                                                                                                        done #for iCs
                                                                                                                                                                                                                                                                                                                                                                                                                                                       icd
                                                                                                                                                                                                                                                                                                                                                                                                                                                  done #for
                                                                                                                                                                                                                                                                                                                                                     echo -n
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0; do"
8564
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ###all
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8530
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         8547
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              8469 #/home/kuro/sotu/2015/can2b/evalloss4pG p:ProbbistGlD.dat t:C2D.target o:PGIC2D.output #LACE=0.049 L NLPD=0.023926 HALPD=0.203926 HOMEP=21000 B470 #/home/kuro/sotu/2015/can2b/evalloss4pG p:ProbbistGlD.dat t:C3D.target o:PGIC3D.output #LACE=0.03114 29 LNLP=0.0998847 LNLPD=0.117324 nC=6 ndata=21000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             4286 INLP=0.227756 INLPD=0.228644 nC=6 ndata=21000
8473 #/home/kuro/sotu/2015/can2b/evalloss4pg p.ProbbistGlD.dat t:CallD.target o:PGlCallD.output #LACE=0.2
04286 INLD=0.378127 INLPD=0.39332 nC=6 ndata=126000
8474 #### result for gibbs=0 d2=../../2012/12voicedata/iconip14data/d2sep=":" #### result for "for iCs in 0 0 0; do"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               71 INLP=0.865077 INLPD=0.932841 nC=6 ndata=21000
8476 #/home/kuro/soru/2015/can2b/evalloss4pg p:ProbbistGOD.dat t:CID.target o:PGOCID.output #LACE=0.992 L
NLP=0.518033 INLPD=1.34533 nC=6 ndata=21000
8477 #/home/kuro/soru/2015/can2b/evalloss4pg p:ProbbistGOD.dat t:C2D.target o:PGOC2D.output #LACE=0.73 IN
LP=0.713465 INLPD=1.72322 nC=6 ndata=21000
                                        8460 #/home/kuro/sotu/2015/can2b/evalloss4pg p:ProbDistGOD.dat t:C2D.target o:PGOC2D.output #LACE=0.81785 7 LNLP=0.680088 LNLPD=1.68285 nC=6 ndata=21000
                                                                                                                                                                                         9 IMLP=0.676354 IMLPD=1.7526 nc=6 ndata=21000
8462 # hhome-(kurc) 55041/2015/5-0a12b/svalloss45pg p:ProbbistGOD.dat t:C4D.target o:PGOC4D.output #LACE=0.67571
4 IMLP=0.861829 IMLPD=1.16578 nc=6 ndata=21000
8463 #/home-/kurc/sotu/2015/san2b/svalloss4pg p:ProbbistGOD.dat t:C5D.target o:PGOC5D.output #LACE=0.003 L
                                                                                                                                                                                                                                                                                                                                                                                                   NLP=0.544394 LNLPD=0.558326 nC=6 ndata=21000
8464 #/home/kuro/sotu/2015/can2b/evalloss4pg p:ProbDistGOD.dat t:CallD.target o:PG0CallD.output #LACE=0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              8465
8466 #### result for gibbs=1 d2=../../2012/12voicedata/iconip14data/d2sep=":" ### result for "for iCs in
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             43 LMLP=0.483913 LMLPD=0.503335 nC=6 ndata=21000
8468 #/home/kuro/sotu/2015/can2b/evalloss4pG p:ProbDistGlD.dat t:ClD.target o:PGlClD.output #LACE=0.92814
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        #/home/kuro/sotu/2015/can2b/evalloss4pg p:ProbDistG1D.dat t:C4D.target o:PG1C4D.output #LACE=0.204 L
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                9 IMIP=0.637666 IMIPD=1.86358 nC=6 ndata=21000
8479 #/home/kurco/sotu/2015/canzb/evalloss49g p:ProbbistGOD.dat t:C4D.target o:PGOC4D.output #LACE=0.87757
1 IMIP=0.700784 LMLPD=1.54488 nC=6 ndata=21000
8480 #/home/kurco/sotu/2015/canzb/evalloss4pg p:ProbbistGOD.dat t:C5D.target o:PGOC5D.output #LACE=0.00728
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   8481 #/home/kuro/sotu/2015/can2b/evalloss4pG p:ProbDistGOD.dat t:CallD.target o:PGOCallD.output #LACE=0.5 97524 INLP=0.671256 INLPD=1.33996 nC=6 ndata=126000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              74
                                                                                                                                                      #/home/kuro/sotu/2015/can2b/evalloss4pG p:ProbDistG0D.dat t:C3D.target o:PG0C3D.output #LACE=0.89142
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     #/home/kuro/sotu/2015/can2b/evalloss4pg p:ProbDistG1D.dat t:C0D.target o:PG1C0D.output #LACE=0.01271
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     #/home/kuro/sotu/2015/can2b/evalloss4pg p:ProbDistG1D.dat t:C5D.target o:PG1C5D.output #LACE=0.00071
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            8475 #/home/kuro/sotu/2015/can2b/evalloss4pg p:ProbDistGOD.dat t:COD.target o:PGOCOD.output #LACE=0.01685
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             8478 #/home/kuro/sotu/2015/can2b/evalloss4pg p:ProbDistGOD.dat t:C3D.target o:PGOC3D.output #LACE=0.96142
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     #(2-3) eval loss for D with the combied class new class CO,Cl,...,C4 for old {CO \cup Cl}, C2, C3,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ###### for iCs in 0 0; do #for iconip2015 with SD="D" ###########!!!!!!!
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cat CAGVnull > ${Epd3}.dat
cat CAGVnull > ${Epd3}.dat
cat $$SorD in $$SD ; do
cat $${Epd9}.dat | awk '{print $1,$2+$3,$4,$5,$6,$7}' >> ${Epdg4}.dat
done #for SorD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ########copy and paste from here for (2-3)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      64905 LNLP=0.687181 LNLPD=1.20611 nC=6 ndata=126000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                571 LNLP=0.592511 LNLPD=0.619936 nC=6 ndata=21000
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3 LNLP=0.618302 LNLPD=1.25343 nC=6 ndata=21000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     3 LNLP=0.985175 LNLPD=1.00412 nC=6 ndata=21000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NLP=0.292467 LNLPD=0.302644 nC=6 ndata=21000
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if [ $icd -ne 1 ]; then
cat /dev/null > ${fout}.output
cat /dev/null > ${ftgt}.target
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fpdg=ProbDistG${gibbs}${SorD}
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8467 #/b
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0; do"

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readmecan2mspeech.txt Jun 19 2021 08:15:37

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8654 cat /dev/null > $fpdg
8655 #cat $fpqlawk (psum=$3.*$7+$11+$15+$19+$23+$27+$31+$35+$39+$43+$47+$51+$55+$59+$63+$67+$71+1e=-20;pps
um=$3+$7+$11;plsum=$15+$10+$33+$71+$31+$35*p3sum=$39+$44+$47;p4sum=$51+$55+$59;p5sum=$65+$67+$71:pzrlnt
f("*e %e %", $1, posum/psum, plsum/psum, p2sum/psum, p3sum/psum, p3sum/psum, p5sum/psum);}'>>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             cat $fbg|awk '{psum=$3+$7+$11+$15+$19+$23+1e-20;printf("%e %e %e %e %e %e %e %e %'', $1, $3/psum, $7/ps
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ii { §qibbs - eq 1 ]; the eq 1 | it has eq
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dl=../result-onsei_iCsiCd; if [ ! -e $dl ]; then mkdir $dl:fi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            papad:pa:pad
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   set term postscript; set output "ProbDistGO.eps"; replot
                                                                                                                                                                                                                                                                                                                                                  cmd="histmav1-onsei $x0 $ndiv $nmav ${fbr}_head.dat"
'11001,12000p' ${fbr} dat>> ${fbr}_tail.dat
'12001,13000p' ${fbr}_dat>> ${fbr}_head.dat
'13001,14000p' ${fbr}_dat>> ${fbr}_tail.dat
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                                                                                                                                                                                                                                                                                                                                                                                                                     echo $cmd; $cmd
fhe=${d1}/hist-iCs${iCs}iCd${icd}G${gibbs}.eps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        um, $11/psum, $15/psum,$19/psum, $23/psum);}'>> $fpdg
8657 done # for gibbs
                                                                                                                                                                                                                                               op $fhg $tmp/histtmp.dat
paste $tmp/histtmp.dat tmp/hist.dat > $fhg
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             #####for confirmation 20151008 above
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cat /dev/null > psdsum.dat
for sx in 0 1 2 3 4 5 6; do sP=1;
test=test:5:2000:${ics}:${icd}:5:15;
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fhg=$tmp/histG${gibbs}.dat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        cp $tmp/hist.eps $fhe
#gv $fhe&
                                                                                                                                                                                                                                                                                                    x0=0; ndiv=100; nmav=3
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#test:test->id:test->n:test->riCs:test->t_iCd:th->T

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fb0 for digits
8830 #cat psdsu
>fb0 for speakers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             8723 #echo "#pGC_t.n.pGC_pGCd" >> ${fD0}.dat #???
8724 if ["$sorp" = "p"] : then cat psdawn.dat|awk 'BEGIN{t=ENVIRON["t"];}{if f($1==t){print $4,$0;}}' >> $
{fD0}.dat : fil ##psdsum.dat ->fD0 for digits
8725 if ["$Sorp" = "S"]: then cat psdsum.dat|awk 'BEGIN{t=ENVIRON["t"];}{if($1==t){print $3,$0;}}' >> $
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 9768 set yrange [0:1.3]; set style data boxes; #set style data histeps
8769 set style fill solid border lc rgb "black" obj";
870 set term tglf:set output "probbistc8{qlubbs}.obj";
8771 plot "probbistc8{qlubbs}.dat" using 1:(\$2+\$5+\$4+\$5+\$6+\$7) lc rgb "black" t "5/5", "" using 1:(\$5+\$6+\$7) lc rgb "black" t "3/5", "" using 1:(\$5+\$6+\$7) lc rgb "black" t "3/5", "" using 1:\\$5+\$6+\$6+\$7) lc rgb "plue" t "1/5", "" using 1:\\$6+\$6+\$7) lc rgb "green" t "1/5", "" using 1:\\$6+\$6+\$7) lc rgb "green" t "1/5", "" using 1:\\$6+\$7) lc rgb "green" t "1/5", "" using 1:\\$6+\$7] lc rgb "green" t "1/5", "" using 1:\\$6+\$7] lc rgb "green" t "1/5", "" using 1:\\$6+\$7] lc rgb "green" t "1/5", "" using 1:\$6+\$7] lc rgb "green" t "1/5", 
.... cuma="speakerdigit_v5 fs:../...2012/12voicedata/${trainD$}/oob4s:-IN40mbas2:300:1.6:1sx${sx}.y fd:../
../2012/12voicedata/iconip14data/oob4s:-IN100mbas2:300:1.6:1sx${sx}.y fd:../
../2012/12voicedata/iconip14data/oob4s:-IN100mbas2:300:1.6:1sx${sx}.y nSDL:7:10:10 pmin:0.01 ytm:1:0.9:1000
gibbs:$$ipbs beta.1 adp:0:0:1.2:3:4:5:6:7:8:9 pmin:0.01:2:3:4:5:6:7:8:9 ver:-2 papad:${pa}:${pa}:1:1 sdT:0:0:0:1:2:3:4:5:6:7:8:9 ver:-2 papad:${pa}:${pa}:${pa}:1:1 sdT:0:0:1:2:3:4:5:6:7:8:9 ver:-2 papad:${pa}:${pa}:1:1:1 sdT:0:0:1:2:3:4:5:6:7:8:9 ver:-2 papad:${pa}:${pa}:1:1:1 sdT:0:0:1:2:3:4:5:6:7:8:9 ver:-2 papad:${pa}:${pa}:1:1:1 sdT:0:0:1:2:3:4:5:6:7:8:9 ver:-2 papad:${pa}:3:1:1:1 sdT:0:0:1:2:3:4:5:6:7:8:9 ver:-2 papad:${pa}:3:1:1:1 sdT:0:0:1:2:3:4:5:6:7:8:9 ver:-2 papad:${pa}:3:1:1:1 sdT:0:0:1:2:3:4:5:0:1:1 sdT:0:0:1:2:3:4:5:0:1:1 sdT:0:0:1:2:3:4:5:0:1:1 sdT:0:0:1:2:3:4:5:0:1:1 sdT:0:0:1:2:3:4:5:0:1:1 sdT:0:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:2:3:4:5:0:1:3:3:4:5:0:1:3:3:4:5:0:1:3:3:4:5:0:1:3:3:4:5:0:1:3:3:4:5:0:1:3:1:3:1:3:1:3:1:3:1:3:1:3:
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8754 op $fD9 $Rpw/histump.dat.oat tmp/hist.dat |awk '{print $1}'> tmp/histl.dat.paste $tmp/histtump.dat tm
p/histl.dat > $fDg ###
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    8759 if [ "$Sorp" = "p" 1): then
8759 if [ "$Sorp" = "p" 1): then
8760 cate $ffpel lawk '{ploam=$1+$2+$3:plsum=$4+$5+$6:p2sum=$7+$8+$9:p3sum=$10+$11+$12:p4sum=$13+$14+$15:p5su
m=$16+$17+$18 psum=p0sum+p2sum+p2sum+p4sum+p4sum+p5sum+p4sum+p5sum+p4sum+p4sum-p1sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4sum-p4s
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-p0sum+p1sum+p2sum;printf("%e %e %e %e %e\n',$19, p0sum/psum,p1sum/psum,p2sum/psum);}' >> $fpdg
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ##psdsum.dat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ##
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cat tmp/hist.dat |awk' {print $3}'> tmp/hist3.dat/paste $tmp/histtmp.dat tmp/hist3.dat > $fbg
*paste $tmp/histtmp.dat tmp/hist.dat > $fbg
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     cat /dev/null > ${fbr}_Pptrain.dat
cat /dev/null > ${fbr}_Pptrain.dat
cat /dev/null > ${fbr}_Pptest.dat
for sX in 0 1 2 3 4 5 6; do
export sX1000='expr ${sX \* 1000'}
sed -n = "expr ${sX1000} + 11', 'expr ${sX1000} + 1000'p" ${fbr}.dat >> ${fbr}_Pptrain.dat
sed -n = "expr ${sX1000} + 101', 'expr ${sX1000} + 2000'p" ${fbr}.dat >> ${fbr}_Pptrain.dat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         {fb0}.dat ; fi ##psdsum.dat ->fb0 for speakers
8726 #cat psdsum.dat|awk 'BEGIN{t=ENVIRON["t"];}{if($1==t){print $3,$0;}}' >> ${fb0}.dat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   set term postscript;set output "ProbDistG${gibbs}.eps";replot
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         cmd="histmav1-onsei $x0 $ndiv $nmav ${fbr}_PPtrain.dat"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ################################ SorD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /psum.p2sum/psum.p3sum/psum.p4sum/psum.p5sum/psum);}' >> $fpdg
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         export t=15;
fb0=t-pG${\ld}\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\frac{1}{2}$\fr
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               fhe=${d1}/hist-iCs${iCs}iCd${icd}G${gibbs}.eps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ############ by
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        cmd1="cp ${fb0}.dat ${fbr}.dat"
echo $cmd1;$cmd1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     fpdg=$d1/ProbDistG${gibbs}.dat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            done #for sX excluded speaker
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         if [ "$SorD" = "D" ]; then
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       #gv $fhe& #disp result
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ############################
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set yrange [0:1.3]; set style data boxes; #set style data histeps set style fill solid border lorgeb "black" set term toff set output "Probbistos(gibbs).obj"; plot "Probbistos(gibbs).dat" using 1:(\$2+\$3+\$4) lc rgb "blue" t "Correct Speaker", "" using 1:(\$1 crgb "yellow" t "Unregistered Speaker", "" using 1:\\$3 lc rgb "red" t "Incorrect Speaker" set term postsorippriset output "Probbistos($1 crgb).ceplot
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gv $fhe& #disp result
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  #for gibbs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                done #for sX
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       if [ $gibbs
```

readmecan2mspeech.txt

cmd="histmav1-onsei \$x0 \$ndiv \$nmav \${fbr}_head.dat" echo \$cmd; \$cmd fhe=\${d1}/hist-iCs\${iCs}iCd\${icd}G\${gibbs} paste \$tmp/histtmp.dat tmp/hist.dat > \$fhg sed -n '12001,13000p' \${fbr}.dat >> \${fr} sed -n '13001,14000p' \${fbr}.dat >> \${fbr} \$fhg \$tmp/histtmp.dat cp \$tmp/hist.eps \$fhe x0=0; ndiv=100; nmav=3done # for iCs gnuplot <<EOF ########## sleep 2; cd \$d1 8985 8978 8979 8980 8981 8982 8983 8929 8932 τm \$59;pSsum=\$63+667+\$71;psum=p0sum-p1sum+p2sum+p3sum+p4sum+p5sum;printf('%e %e %e %e %e %e %e)",\$1, p0sum/psum
p1sum/psum,p2sum/psum,p3sum/psum,p4sum/psum,p5sum/psum);/' >> \$fpdg

862 cat \$ffalg|aw* ('p0sum=\$1+\$2+\$3:pptaum=\$7+\$5+\$6;p2sum=\$7+\$8+\$9;p3sum=\$10+\$11+\$12:p4sum=\$13+\$14+\$15:p5su
m=\$16+\$17+\$18:psum=p0sum+p2sum+p2sum+p5sum+p4sum+p5sum;psum,p1sum
p2sum,p2sum/psum,p3sum/psum,p4sum-p5sum-p5sum);/- >> \$fpdg #cat \$fbg|awk '{pOsum=\$3+\$7+\$11;p1sum=\$15+\$19+\$23;p2sum=\$27+\$31+\$35;p3sum=\$39+\$43+\$47;p4sum=\$51+\$55-8856 cp \$fhg \$tmp/histump.dat;cat tmp/hist.dat |awk '{print \$1}'> tmp/histl.dat;paste \$tmp/histump.dat p/histl.dat > \$fhg ### ser yrange [0:1.3]; set style data boxes; #set style data histeps set style fill solid boxder lc rgb "black" dl=../result-onsei_iCsiCd; if [! -e \$dl]; then mkdir \$dl;fi
for gibbs in 1 0; do #for GEBI pApAd:pA:pAd pApAd:pA:pAd set term postscript; set output "ProbDistGO.eps"; replot #for BI tmp=./tmp;if [! -e \$tmp]; then mkdir \$tmp;fi if [\$gibbs -eq 1]; then pAs=0.80;pAd=0.96;T=5;TT=15;gibbs=1; pAs=0.99;pAd=0.80;T=5;TT=15;gibbs=0; for icd in 0 1 2 3 4 5; do ########## try identification fpdg=\$d1/ProbDistG\${gibbs}.dat for ics in 0 2 3; do cat /dev/null > resultsum.dat cat /dev/null > psdsum.dat copy and paste from here fhg=\$tmp/histG\${gibbs}.dat ########################## /dev/null > \$fpdg 20150909 ###数字 by sakashita cat /dev/null > \$fhg gv ProbDistG1.eps& gv ProbDistG0.eps& cd -#################### done #for gibbs done # for iCs done # for iCd gnuplot <<EOF ############ cd \$d1 sleep 8863

or}_tail.dat [fbr}_head.dat

Lail.dat

8927 trainDS=iconip14data:#choo
8928 cmd="speakerdigit_v5 fs:....2012/12voicedata/iconip14data/oob4s:-1N40mbas2:300:1.6:1sX\${sX}.y fd:.
//../2012/12voicedata/iconip14data/oob4d:-1N100mbas2:300:1.6:1sX\${sX}.y nSDL:7:10:10 pmin:0.01 ytm:1:0.9:100
0 gibbs:\$gibbs beta:1 sdP:0:0:1:12:3:4:5:6:7*8:9 JT:1 aGT:0:0:1:2:3:4:5:6:7*8:9 ver:-2 pApAd:\${pAd}:\${pAd} LA
R:0:0:-1 test:5:2000:\${ics}:\${ics}:\$T:gTT sX:\$sX sP:\$sP void:0";\$cmd > /dev/null #test:test->id:test->n:test->riCs:test->t_iCd:th->T for sx in 0 1 2 3 4 5 6; do sP=-1; test=test:5:2000:\${ics}:\${icd}:5:15; trainDS=allpols;#

8930 #cmd="speakerdigit_v5 fs:../../2012/12voicedata/allpole/oob4s:-1N40mbas2:300:1.6:1sx\${sx}}.y fd:../../2012/12voicedata/allpole/oob4s:-1N40mbas2:300:1.6:1sx\${sx}}.y fd:../..gibb::22112voicedata/allpole/oob4d:-1N100mbas2:300:1.6:1sx\${sx}}.y nsDi:77:10:10 pmin:0.01 yrm:1:0.9:1000 gibbs:\$ gibbs beta:1 adp:0:0:1:2:3:44:5:677:89 JT:1 adr:0:0:112:33:44:5:677:89 JT:1 adr:0:0:112:33:44:56:07:89 ver:-2 papad:\${pad}:\${pad} LAR:0:0:-1 test:5:1000:\${1cd}:\$\$T:\$TT sx:\$sx Sp:\$sp void:0";\$cmd > /dev/null cat \$tmp/testsd_stat.dat >> resultsum.dat echo "#pGC, L, n, pGC, pGCG" >> \${fb0}.dat
cat psdsum.dat|awk."BGTIN{=ENVIRON["t"];}{if(\$1==t){print \$4,\$0;}}' >> \${fb0}.dat
cmdl="top \${fb0}.dat \${fbr}.dat" cat \$tmp/psd.dat >> psdsum.dat ######### <== speakerdigit_v5.c export t=15.fb0=t-pG\${t} fbr=\${d1}/resultp_iCs\${iCs}iCd\${iCd}G\${gibbs}-\${fb0} cat /dev/null > \${fb0}.dat cat /dev/null > \${fbr}_head.dat
cat /dev/null > \${fbr}_tail.dat echo -e "\n" >> resultsum.dat ########################

8975 #cat \$fhg|awk '{psum=\$3+\$7+\$11+\$15+\$19+\$23+\$27+\$31+\$35+\$39+\$43+\$47+\$51+\$55+\$59+\$63+\$67+\$71+1e-20;
8976 cat \$fhg|awk '{posum=\$3+\$7+\$11;plsum=\$15+\$19+\$23;p2sum=\$27+\$31+\$35;p3sum=\$39+\$43+\$47;p4sum=\$51+\$55+\$59;psum=\$24\$61;psum=\$24\$61;psum=\$24\$61;psum=\$24\$61;psum=\$24\$61;psum=\$24\$61;psum=\$24\$61;psum=\$251+\$55+\$63;psum=\$24\$61;psum=p0sum=p0sum*p2sum*pasum* fpdg=\$d1/ProbDistG\${gibbs}.dat cat /dev/null > \$fpdg

8981 set yrange [0:1.3]; set style data boxes; #set style data histeps
8982 set ter till solid border lorge "black"
8983 set term tojf.set output "Probbistol.obj";
8984 plot "Probbistol.da" using 1:(\\$2+\\$5+\\$6+\\$7) lor zgb "black" t "5/5", "" using 1:(\\$3+\\$6+\\$7) lor zgb "black" t "5/5", "" using 1:(\\$3+\\$6+\\$7) lor zgb "pellow" t "3/5", "" using 1:(\\$5+\\$7) lor zgb "yellow" t "3/5", "" using 1:(\\$6+\\$7) lor zgb "yellow" t "3/5", "" using 1:(

8986 set term tgifiset output "ProbDistGO.obj" 8987 plot "ProbDistGO.dat" using 1:(\\$2+\\$3+\\$4+\\$5+\\$6+\\$7) lc rgb "black" t "5/5", "" using 1:(\\$3+\\$4\\$5+\\$6+\\$7) lc rgb "yellow" t "3/5", "" using 1:(\\$5+\\$6+\\$7) lc rgb "yellow" t "3/5", "" using 1:(\\$6+\\$7) lc rgb "pink" t "3/5", "" using 1:(\\$6+\\$7) lc rgb "pink" t "3/5", "" using 1:(\\$6+\\$7) lc rgb "green" t "1/5", "" using set term postscript;set output "ProbDistG1.eps";replot

set term postscript;set output "ProbDistGO.eps";replot 8988

```
(2) tune a,b,N via checking error for sX of digit-CAN2
   9064
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               cat /dev/null > $fpdg
cat $fhg|awk '{psum=$3+$7+$11+1e-20;printf("%e %e %e %e\n", $1, $3/psum, $7/psum, $11/psum);}'>> $fp
                                                                                                                                                                                                                                                                                                                                 oob4speakerdigit+sx.c の233行目から243行目のコメントアウトを外した。
Mp. 243行目は必須な学習なのにコメントアウトしていた;233~239行目は同じ学習をしないための前処理。
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        [1] 下の「20140502 at mesaho」の(1)~(5)で作成したファイルを使い、「(6) make Figs for ICONIP2014」のところを以下のように変更。なお、histmav1.cをhistmav1-onsei.cに修正。
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     if [ $gibbs -eq 1 ]; then
pAs=0.80;pAd=0.96;T=5;TTT=15;gibbs=1; #for GEBI pApAd:pA:pAd
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        #for BI pApAd:pA:pAd
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   fup=./tmp;if [ ! -e $tmp ]; then mkdir $tmp;fi
dl=../result-onseil; if [ ! -e $dl ]; then mkdir $dl;fi
for gibbs in 1 0; do
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  floating in the floating float
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  \times 0 = 0: n div=100: n mav=3 cmd="histmav1-onsei \times \times 0 %ndiv %nmav (fbr).dat"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         echo $cmd; $cmd
fhe=${d1}/hist-iCs${iCs}iCd${icd}G${gibbs}.eps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         cp %tmp/hist.eps %fhe
gy %fhek
ep %fmg/hist.mp.dat
paste %tmp/histtmp.dat tmp/hist.dat > %fhg
sleep 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      icd=0;
cat /dev/null > resultsum.dat
cat /dev/null > psesum.dat
for sx in 0 1 2 3 4 5 6; do sp=-1;
test=test:5:1000;${ics}:${ics}:$215;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                pAs=0.99;pAd=0.80;T=5;TT=15;gibbs=0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                done # for iCs
fpdg=$d1/ProbDistG${gibbs}.dat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ### copy and paste from here
                                                                                                           ### copy and paste to here
                                                                                                                                                                                                                                          ##########################
                                                                                                                                                                                                                                                                              20141119
[1] 次の誤りを修正した:
gv ProbDistG1.eps&
gv ProbDistG0.eps&
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      echo $cmdl;$cmd1
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set term postscript;set output "ProbDistG1.eps";replot

, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	plot (\$4) lc	eim cgil/sec oucput Frobbiscop.cbj. "ProbbiscGo.dat" using 1:(\\$2+\\$3+\\$4) lo	ng 1:	(\\$2+\\$3+\ Speaker	rgb	"blue" t "(ed", "" usin	t "Correct Spe using 1:(\\$3)	eaker Regis lc rgb "re	stered", "" using ed" t "Incorrect 3	ng 1 t Sp
9067 9068	g E	postscript;set	output	"ProbbistG0	.eps";repl	ot				
9069		stG1.eps&								
9071	gv ProbDistGO. ### copy and p	stGO.eps& and paste to her	υ							
9073 9074 9075										
9076		# # # # # # # # # # # # # # # # # # #	=							
9078	20140502 (1) tune	or a check	# na err	or for sX	of speaker-	CANS				
9080	make data	,			4					
9082		00;N=40							,	-
ntx		cmd="oob4speakerdigit+sx : 10 k:36 mbas:2:\${b}:\${a}:	sp:the	s: tms:mkk: ://201	<pre>sp:ins:ims:wk:wkc:wmt:wnh:wym tx:zero:ichi:nu:san:yon:go :1 dir://2012/12voicedata/allpole s:-1 N:\${N} sX:\${sx}</pre>	nym tx:zen a/allpole	s:-1 N:\${N	san:yon:go	o:roku:nana:hachi ."	nı:k
9084		echo Scmd: Scmd cmdl="cat//2012/12voicedata/allpole/oob4s	icedat	a/allpole	/oob4s:-1N\${	:-1N\${N}mbas2:\$:\${b}:\${a}:1sX\${sX}.ystat	K\${sX}.yst	at"	
9087	done	T/semar								
9089	a=1.6;b=3	ok Unkeg error 00;N=40;for sX i	n -1 (0 1 2 3 4	5 6; do speal			012/	a/allpol	e/00
3:-II 37:8 4TP	VS{N}mbasz: :9 lT:1 sdT >TP dat:echo	5:-LNK\N\nDsa2.\$\foots\Delta\R\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	X}.Y. I :7:8:9: }NS:{N	SDL: 7:10: 9 ver:-2 p	Apad:: Lar:0: dat: done	₽	33:	1 bel 5:15	d:0:2:	grep
9090	###									
9091 9092	#a1.6b3000 #a1.6b3000	N40 #TP0.933 TN0 N40 #TP0.938 TN0	976.	ER1.851e-0 ER1.905e-0	5 n4900(Reg) 5 n4200(Reg)	TP0.000	TNO.907 ER1	ER1.327e-04 r	n700(UnReg:sX0)	TP0
9093	#a1.6b300	4/4E-US M4900(AI N40 #TP0.947 TNO	. 985	ER1.634e-0	5 n4200(Reg)	TP0.000	TNO.923 ER1	ER1.102e-04 1	n700(UnReg:sX1)	TP0
39 TI	40.975 ER3. #a1.6b3001	803e-05 n4900(AL N40 #TP0.952 TN0	1) .987 I	ER1.455e-0	5 n4200(Reg)	TP0.000	TNO.903 ER1	.388e-04	n700(UnReg:sX2)	TP0
34 TI 9095	40.973 ER3. #al.6b3001	937e-05 n4900(Al	1) .983 I	ER1.766e-0	5 n4200(Reg)	TP0.000	TNO.920 ER1	.143e-04	n700(UnReg:sX3)	TP0
26 TI 9096	4a1.6b3001	110e-05 n4900(Al	1)	3R1.052e-0	5 n4200(Reg)			ER1.163e-04 r	n700(UnReg:sX4)	TPO
13.0	40.975 ER3.	707e-05 n4900(Al	1)							
3097 32 II	#al.6b300; 10.973 ER3.3	N40 #TP0.940 TN0 973e-05 n4900(Al	.988	ER1.726e-0	5 n4200(Reg)	TPO.000	TNO.901 ER1	.408e-04	n700(UnReg:sX5)	TP0
9098 52 TI	#a1.6b300;	9098 #al.6b300N40 #TPO.943 TN0.988 ERL.640e-05 n4. 52 TNO.977 ER3.477e-05 n4900(All)	1,988 1	ER1.640e-0	5 n4200(Reg)	TP0.000	TNO.923 ER1	ER1.102e-04 r	n700(UnReg:sX6)	TP0
9099	#a1 6h1001	NT 00 446 TM	986	799P-	05 n4900(Reg					
9101	#a1.6b100]	N100 #TPO.928 TN	0.988	ER1.984e-05	05 n4200(Reg)	TP0.000	TNO.859 ER2	2.020e-04	n700(UnReg:sX0)	TP (
9102	#a1.6b100]	798 INU.96/ EK4./926-U5 M49U0(ALL) 9102 #al.6bl00N100 #TP0.938 TNO.988 ER	0.988	ER1.759e-05	05 n4200(Reg)	TP0.000	TNO.854 ER2	2.082e-04	n700(UnReg:sX1)	TP (
9103	#a1.6b100	.6956-05 M4900(A	0.991	ER1.653e-05	05 n4200(Reg)	TP0.000	TNO.857 ER2.	2.041e-04	n700(UnReg:sX2	TP (
9104	MO.969 ER4 #al.6bl00	.554e-05 n4900(A N100 #TP0.950 TN	11) 0.993	ER1.362e-05	05 n4200(Reg)) TP0.000	TNO.859 ER2.	2.020e-04	n700(UnReg:sX3)	TP (
320 ; 9105	FNO.971 ER4 #al.6bl001	.264e-05 n4900(A N100 #TP0.942 TN	11) 0.991	ER1.607e-05	05 n4200(Reg)) TP0.000	TNO.856 ER	ER2.061e-04	n700(UnReg:sX4)	TP (
308 9106	FNO.969 ER4 #al.6bl001	808 TNO.969 ER4.548e-05 n4900(All) 9106 #al.6bl00N100 #TP0.948 TNO.990	11)	ER1.462e-05	05 n4200(Reg)	TP0.000	TNO.857 ER	ER2.041e-04	n700(UnReg:sX5	TP (
308 ; 9107	FNO.969 ER4 #al.6bl001	.554e-05 n4900(A N100 #TP0.960 TN	11) 0.993	ER1.131e-05	05 n4200(Reg)) TP0.000	TNO.854 ER	ER2.082e-04	n700(UnReg:sX6	TP (
317 3	TNO.970 ER4	.347e-05 n4900(A	11)							
9109	#a1.6b100) #a1.6b100)	9109 #al.6bl00N40 #TP0.929 TN0.977 ER1 9110 #al.6bl00N40 #TP0.925 TN0.983 ER2	.983	ER1.924e-05	5 n4900(Reg) 5 n4200(Reg)	TP0.000	TNO.851 ER2	.122e-04	n700(UnReg:sX0)	TP0
72 TI 9111	40.962 ER5. #al.6bl00	433e-05 n4900(Al N40 #TP0.942 TN0	1) .984 I	ER1.779e-05	5 n4200(Reg)	TP0.000	TNO.849 ER2	ER2.163e-04 r	n700(UnReg:sX1)	TP0
74 TI 9112	40.962 ER5. #al.6bl00	396e-05 n4900(AL N40 #TP0.952 TN0	1) .985 I	ER1.501e-05	5 n4200(Reg)	TP0.000	TNO.850 ER2	ER2.143e-04 I	n700(UnReg:sX2)	TP0
33 TI 9113	40.963 ER5. #a1.6b1001	173e-05 n4900(Al N40 #TP0.942 TN0	1) .984 I	ER1.779e-05	5 n4200(Reg)	TP0.000	TNO.850 ER2	ER2.143e-04 r	n700(UnReg:sX3)	TP0
75 TI 9114	40.962 ER5. #al.6bl001	369e-05 n4900(Al	1) .981 I	ER2.037e-05	5 n4200(Reg)	TP0.000	TNO.846 ER2	ER2.204e-04 1	n700(UnReg:sX4)	TP0
51 TI	40.959 ER5.	51 TNO.959 ER5.716e-05 n4900(All) 9115 #al.6bl00N40 #TP0.928 TNO.984		ER2.090e-05		TP0.000	TNO.859 ER2	0208-04	n700(UnReq:sX5)	TPO
30 TI	40.963 ER5.	31 TNO.963 ER5.233e-05 n4900(All)				000	846	2046-04	. מ מ	
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P0.916 TNO.990 ERI.342e-05 n7000(All)
9165 #al. cblooNdv #TPO.937 TNO.994 ERB.302e-06 n6000(Reg) TPO.940 TNO.992 ER6.778e-05 n1000(UnReg:sX0) TPO.941 TNO.993 ER9.403e-06 n7000(All)
9166 #al. cblooNdv #TPO.957 TNO.996 ER6.821e-06 n6000(Reg) TPO.940 TNO.993 ER6.667e-05 n1000(UnReg:sX0) T9166 #al. cblooNdv0 #TPO.965 TNO.996 ER6.821e-06 n6000(Reg) TPO.940 TNO.993 ER6.667e-05 n1000(UnReg:sX0) T
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                                                                                                                                                                                                                                                                                                               9127 a=1.6;b=300;N=100;for sX in -1 0 1 2 3 4 5 6; do speakerdigit_v3 fd:../../2012/12voicedata/allpole/o ddd-1.N8{ | Nymba21*54} b;s{a|st}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vsx{sx}.vs
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                                                                                  cmd="oob4speakerdigit+sX sp:fhs:fms:mkk:mko:mmt:mnh:mym tx:zero:ichi:ni:san:yon:go:roku:nana:hachi:k
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TNO.995 ER7.454e-06 n7000(All)***SOSO
#al.6b300N100 #TPO.968 TNO.996 ER5.895e-06 n6000(Reg) TPO.980 TNO.999 ER2.111e-05 n1000(UnReg:sXl) '
TNO.997 ER4.762e-06 n7000(All)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      sx2)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ER1.222e-05 n1000(UnReg:sX1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ER2.222e-06 n1000(UnReg:sX2)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ER1.222e-05 n1000(UnReg:sX6)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ER3.111e-05 n1000(UnReg:
                                                                                                                                                                                                 ./2012/12voicedata/allpole/oob4d:-1N${N}mbas2:${b}:${a}:1sX${sX}.ystat"
                                                                                  TP0.960 TN0.993 ER4.667e-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TP0.920 TN0.989 ER9.111e-05
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TP0.590 TN0.981 ER4.289e-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      9131 #a1.6bl0NulO #TP0.973 TNO.996 ER5.062e-06 n6000(Reg) TP0.990 TNO.998 1P0.997 ER4.951e-06 n7000(All)
P0.969 TNO.997 ER4.951e-06 n7000(All)
P0.977 TNO.997 ER3.661e-06 n7000(All)
P0.973 #a1.6bl0NulO #TP0.963 TNO.997 ER6.574e-06 n6000(Reg) TP0.00 TNO.997 ER3.661e-06 n7000(All)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TP0.980 TN0.998
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TP0.940
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9156 #al.6b300N40 #TPO.950 TNO.992 ER9.691e-06 n6000(Reg)
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1 #al.6bl00N40 #TP0.955 TNO.993 ER8.735e-06 n6000(Reg)
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#al.6b300N40 #TP0.953 TNO.995 ER8.673e-06 n6000(Reg)
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for sX in -1 0 1 2 3 4 5 6 7;
a=1.6;b=300;N=100
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TN0.996 ER5.263e-06
                                                                                                                                                                                                                                 echo $cmd1;$cmd1
                                                                                                                                                       echo $cmd;$cmd
                                                                                                                                                                                                          cmd1="cat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TNO.993
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ďΕ ďΙ 0.872 TNU.985 ER2.038e-05 n7000(All) 9169 #al.6b300N40 #TP0.950 TNO.992 ER9.691e-06 n6000(Reg) TP0.280 TNO.957 ER7.633e-04 n1000(UnReg:sXO) TP 0.878 TNO.987 ER1.929e-05 n7000(All) ER2.489e-04 n1000(UnReg:sX0) TN0.987 ER1.608e-05 n6000(Reg) TP0.840 TN0.976 ER1.844e-04 n1000(UnReg:sX0) TNO.981 ER2.704e-05 n6000(Reg) TP0.780 TNO.971 pAs=0.99;pad=0.80;T=5;TT=15;;qibbs=0; #for BI pApAd:pA:pAs=0.80;pad=0.96;T=5;TT=15;qibbs=1; #for GEBI pApAd:pA iCs=0:iCd=0: # test correct (registered) speaker iCs=1:iCd=0: # test incorrect registered and unregistered sx iCs=2:iCd=0: # test incorrect registered iCs=3:iCd=0: # test incorrect registered iCs=3:iCd=0: # test incorrect inco for speaker+digit verification n7000(All)*** n7000(All) 9167 #a0.7b100N40 #TP0.857 0.822 TN0.980 ER2.830e-05 n700 #a1.6b200N40 #TP0.917 TNO.995 ER6.568e-06 commands 9172 9173 9174 9175 9176 9177 9179 PO.959

cat /dev/null > resultsum.dat

9180 test=test:5:1000:\${ics}:\${icd}:5:15; #test:test->id:test->rics:test->rics:test->r_idd:th->r
9181 cmd="speakerdigit_v5 fs:./../2012/12voicedata/allpole/oob4s:-IN40mbass:301:6:1sX\${sx}, y fd:../../
2012/12voicedata/allpole/oob4d=.N100mbass:301:16:1sX\${sx}, y rSDL:7:10:10 pmin:0.01 ytm:1:0.9:1000 gibbs:\${
gibbs} beta:1 sdp:0:0:1:2:3:4:5:6:7:8:9 lT:1 adT:0:0:11:2:3:44:5:6:77:8:9 ver:-2 pApAd:\${pAs}:\${pAd} LAR:0:0:1-test:5:1000:\${ics}:\${icd}:\$Tr ax:\$xx void:0":\$cmd > /dev/null 9186 export t.cat resultsum.dat|awk 'BEGIN[t=ENVIRON["t"]'Asd=As=Ad=0;n=0;} {if(\$l==t){Asd+=\$11;} Asd+=\$11;} As+=\$12;Rs+=\$13;Ad+=\$14;Rd+=\$15;a16=\$16;a17=\$17;a18=\$18;a19=\$19;a20=\$20}} END[printf("#t\$d {%.1f}{%.1f}{%.1f}}{.1f}{%.1f}}{%.1f}{%. pAsd=0.8:0.96 result #t15 {99_0}{1.2}{11.1}{Ad:As:Asa for pasd0.8:0.96 iC3:0/5 n7000} FAR=1.1 #t15 {99.0}{99.8}{99.0}{98.8} FRR=6.0=100-94.0 FRR=5.0 9189 (4) tune pAs and pAd via EER (Equal Error Rate; FA \simeq FR) using (3); Gibbs, pAsd=0.99:0.80 for Bayes(gibbs:0) 9190 #################### tune pAsd for FA \simeq FR, Gibbs pAsd=0.8:0.96 #L15 {97.7}{95.4}{94.0}{Ad:As:Asd for pAsd0.99:0.8 iC0:0/5 n7000} #L15 {98.2}{5.1}{5.0}{Ad:As:Asd for pAsd0.99:0.8 iC3:0/5 n7000} cat tmp/testsd_stat.dat >> resultsum.dat echo -e "\n" >> resultsum.dat for sX in 0 1 2 3 4 5 6; do for t in 15; do #for tex (gipps:0) #Gibbs (gibbs:1) 19,a20,As+Rs);} 01194 91195 91196 91197 91198 9201 9201 9203 9184 9192 9193

FAR for registered incorrect; nonseense result pAs=0.2? #t15 (99.9){100:0}{99.9} {Add:as.had for pAsd0.2:0.85 100:0/5 n7000} FRR=0.1 pAsd0.2:0.85 #t15 (99.9){0.1}{0.1}{Add:as.had for pAsd0.2:0.85 1023:0/5 n7000} FRR=0.1 pAs=0.2 is nonsense? dang

Use FA=1.2 FR=0.9 ###t15 {99.1}{99.9}{99.0}{Ad:As:Asd for pAsd0.8:0.96 iC0:0/5 n7000} ###t15 {99.2}{1.2}{1.2}{Ad:As:Asd for pAsd0.8:0.96 iC3:0/5 n7000} ###the following result is obtained with speakerdigit_v5-(qipps:1) ###Gipps or Gibbs 9207 ## 9205 9206

pAsd=0.80:0.96

#####t15 {99.9}{100.0}{99.9}{Ad:As:Asd for pAsd0.8:0.96 iC0:0/5 n7000} using 1[t] 20140514 at mesa 1[t] 20140514 using ########15 {100.0}{0.1}{0.1}{Ad:As:Asd for pAsd0.8:0.96 iC3:0/5 n7000} 9210 9211

registered FA=5.5 FA=0.1 for 1 FR=6.1 FR=1.8 FA=1.2 % % % % FA=5.5 FR=6.1 ####115 (99.5) [5.5] [6.5] [40.3a.3ad for pasd0.99:0.1 iC3:0/5 n7000] ####115 (99.1) [5.5] [40.3a.3ad for pasd0.99:0.2 iC3:0/5 n7000] ####115 (99.1) [5.5] [4.5] [40.3a.3ad for pasd0.99:0.3 iC3:0/5 n7000] ####115 (98.7) [5.5] [4.5] [40.3a.3ad for pasd0.99:0.4 iC3:0/5 n7000] ####115 (98.7) [5.5] [4.5] [40.3a.3ad for pasd0.99:0.5 iC3:0/5 n7000] ####115 (98.3) [5.5] [6.5] [40.3a.3ad for pasd0.99:0.6 iC3:0/5 n7000] ####115 (98.2) [0.1] [40.3a.3ad for pasd0.99:0.6 iC2:0/5 n7000] ####115 (98.2) [0.1] [40.3a.3ad for pasd0.99:0.6 iC2:0/5 n7000] ####115 (97.9) [63.3) [40.3a.3ad for pasd0.99:0.6 iC2:0/5 n7000] #####L5 {98.1}{5.5}{5.5}{6d:as:asd for pasd0.99:0.7 ic3:0/5 n7000} ####L15 {97.9}{95.3}{95.3}{43.as:asd for pasd0.99:0.7 ic0:0/5 n7000} ####L15 {55.9}{95.5}{53.9}{Ad:as:asd for pasd0.99:0.7 ic0:2/5 n7000} #####15 {98.2}{98.2}{98.2}{98.2}{98.2}{98.2}{98.7}{1.2}{1.2}{1.2}{34.88:88d for pasd0.8:0.97 iC3:0/5 n7000} n7000} {99.3}{1.2}{1.2}{40.3}{Ad:As:Asd for pAsd0.8:0.95 iC3:0/5 n7000} {99.3}{99.9}{99.2}{Ad:As:Asd for pAsd0.8:0.95 iC0:0/5 n700 ##### Bayes(gibbs:0) ####115 . ####115 .

incorrect

below

than

worse

FA=53.9 FA=5.5

{98.1}{5.5}{5.5}{4d:As:Asd for pAsd0.99:0.75 iC3:0/5 n7000} {97.9}{95.3}{93.9}{Ad:As:Asd for pAsd0.99:0.75 iC0:0/5 n7000}

####15 ####t15

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```
cat /dev/null > psdstat.dat
echo."#t.pSm.sqrt(pSv1/nS1).pDm.sqrt(pDv0/nD0),sqrt(pDv1/nD1)" >> psdstat.dat
echo."#t.pSm.sqrt(pSv1/nS0).gqrt(pSv1/nS1).pDm.sqrt(pDv0/nD0),sqrt(pDv1/nD1)" >> psdstat.dat
echor #t.pSm.sqrt(pSv1/nS0).gdrt(pSv1/nSm.gdrt(pDv0/nD0).sqrt(pDv1/nD1)" >> psdstat.dat
export t.cat psdsum.dat|awk' PBG3IN{t=ENVIRON["t"].pSm-pSv0-pSv1-nS0-nS1=pDm-pDv0-pDv1-nD0-nD1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   9385 #cat /dev/null > resultp.dat

9386 #for t in 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15; do #for tex

9387 #export t:cat resultsum.dat_ank' BEGIN(t=ENVIRON("t");pS=UMS=UNS=PD=UND=UMD=n=0;)

UMS+=($4*$4);UMS+=($5*$5);pp+=$6:UMD+=($7*$7);UMD+=($8*$8);n++;}} END{printf("%d %g %g %g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 if($1==t){pS[n]=$3;pD[n]=$4;pSm+=$3;pDm+=$4;n++;}}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ,sgrt(UmS/n),sgrt(UMS/n),pD/n,sgrt(UmD/n), sgrt(UMD/n));}'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       END\{pSm/=n:pDm/=n:for(i=0:i<n:i++)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          calc mean, std0, std1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ###correct
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below
                                                                                     below use
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       above
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         than
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                                                                                                                                                                                                                                                                                                                                                                       boundary
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                                                                                                                                                                                                                                                                                                                                                                  FR=6.1
FA=53.7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FA=5.5%
0} FR=6.2%
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FA=11.5
FR=5.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FA=12.7
FR=5.3
FA=53.8
                                                                                                                                                                                                                                                                                      FA=5.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    iC3:0/5 n7000} FA=25.6 iC0:0/5 n7000} FR=0.44
                                                                                                                                                                                            FA=53.7
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                                                                           FA=5.5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FA=5.5
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                                                                                                                                                                                                                                                                                                                                                                  ####t15 {97.8}{95.3}{93.9}{Ad:Aas.Aad for pAsd0.99:0.85 iCO:0/5 n7000} ####t15 {55.7}{95.5}{33.7}{Ad:Aas.Aad for pAsd0.99:0.85 iCO:2/5 n7000}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                #####15 {98.0}{5.5}{5.5}{Ad:As:Asd for pAsd0.99:0.96 iC3:0/5 n7000} F:
#####15 {97.8}{95.3}{93.8}{Ad:As:Asd for pAsd0.99:0.96 iC0:0/5 n7000}
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n7000}
####t15 {55.8}{95.5}{53.8}{Ad:As:Asd for pAsd0.99:0.75 iC0:2/5 n7000}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    {97.9}{55.5}{5.5}{Ad:As:Asd for pAsd0.99:0.98 iC3:0/5 n7000} F
{97.5}{95.3}{93.5}{Ad:As:Asd for pAsd0.99:0.98 iC0:0/5 n7000}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 n7000}
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                                                                                                                                                           ####15 {97.8}{95.3}{93.9}{Ad:As:Asd for pasd0.99:0.8 iC0:0/5 n7000 ####15 {55.7}{95.5}{53.7}{Ad:As:Asd for pasd0.99:0.8 iC0:2/5 n7000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ####115 {97.9}{5.5}{5.4da:As:Asd for pAsd0.99:0.97 iC3:0/5 n7000} ####115 {97.7}{95.3}{93.8}{Ad:As:Asd for pAsd0.99:0.97 iC0:0/5 n7000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      {98.0}{5.5}{5.5}{43.58386 for pasd0.99:0.95 iC3:0/5 n7000}
{97.8}{95.3}{93.8}{Ad:as:asd for pasd0.99:0.95 iC0:0/5 n700.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | (20.7) | (AdiAsiasd for pasd0.5:0.96 ic3:0/5 n7000 | (6.3) | (AdiAssasd for pasd0.6:0.96 ic3:0/5 n7000 | (6.3) | (AdiAssasd for pasd0.7:0.96 ic3:0/5 n7000 | (1.2) | (Adiasiasd for pasd0.7:0.96 ic3:0/5 n7000 | (0.3) | (Adiasiasd for pasd0.9:0.96 ic3:0/5 n7000 | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.3) | (0.
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                                                                                     ic3:0/5 n7000}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 #urregistered (iCs=31idd=0-3; # test incorrect unregistered sX ) F #115 {99 0} {1.2} {1.1} {Ad:As:Asd for pAsd0.8:0.96 iC3:0/5 n7000} #115 {91.5} {1.2} {1.1} Ad:As:Asd for pAsd0.8:0.96 iC3:1/5 n7000} #115 {0.1} {1.1} {41.35.36 for pAsd0.8:0.96 iC3:2/5 n7000} #115 {0.0} {1.1} {0.0} {Ad:As:Asd for pAsd0.8:0.96 iC3:2/5 n7000}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             sd for pAsd0.8:0.96 iCO:0/5 n7000} sd for pAsd0.8:0.96 iCO:1/5 n7000} for pAsd0.8:0.96 iCO:3/5 n7000} for pAsd0.8:0.96 iCO:3/5 n7000}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   #LD5 {99.1} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} {0.0} 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       for pAsd0.98:0.95 iC3:0/5 for pAsd0.98:0.95 iC0:0/5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        for pAsd0.95:0.95 iC3:0/5 for pAsd0.95:0.95 iC0:0/5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ic3:0/5 ;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              for pAsd0.99:0.8 iC3:0/5 for pAsd0.99:0.8 iC3:1/5 for pAsd0.99:0.8 iC3:2/5 for pAsd0.99:0.8 iC3:3/5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         for pAsd0.99:0.8 iC2:0/5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   for pAsd0.7:0.95
for pAsd0.7:0.95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         for pAsd0.5:0.95
for pAsd0.5:0.95
                                                                                                                                                                                                                                                                                  pAsd0.99:0.85
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    speaker
                                                                                pAsd0.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 ##### tuning pasd FA=FR base 0.8:0.96
22 ####115 {99.2}{1.2}{1.2}{40.3.6}
23 ####15 {99.2}{1.2}{1.2}{40.3.6}
24 ###15 {99.1}{99.9}
24 ###115 {99.1}{99.9}
25 ###115 {99.1}{99.9}
26 ###115 {99.2}{3.0}{40.3.8}
26 ###115 {99.2}{3.0}{3.0}{40.3.8}
27 ###115 {99.2}{3.0}{40.3.8}
28 ###115 {99.1}{99.9}{99.0}{40.3.8}
29 ###115 {99.1}{99.9}{40.3.8}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ###tune pA for rejecting unregistered sp

###115 (99.2) {6.3} {6.3} {6.3} {6.3}

###115 (99.2) {3.0} {3.0} {4.0.3}

###115 (99.2) {3.0} {3.0} {4.0.3}

###115 (99.2) {3.0} {3.0} {4.0.3}

###115 (99.2) {0.3} {0.3} {0.3}

###115 (99.2) {0.0} {0.0} {4.0.3}

###115 {99.2} {0.0} {0.0} {4.0.3}
                                                                                                                                                                                                                                                                                      for
                                                                           ####t15 {98.1}{5.5}{5.5}{Ad:As:Asd for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         {Ad:As:Asd f
{Ad:As:Asd f
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ####t15 {98.0}{11.7}{11.5}{Ad:As:Asd
####t15 {97.8}{96.1}{44.5}Ad:As:Asd
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        {98.0}{12.9}{12.7}{Ad:As:Asd {97.8}{97.8}{94.7}{Ad:As:Asd
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ####t15 {98.0}{23.9}{23.6}{Ad:As:Asd ###t15 {97.8}{96.8}{95.1}{Ad:As:Asd
                                                                                                                                                                                                                                                                                  ####t15 {98.1}{5.5}{5.5}{Ad:As:Asd
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   #incorrect registered
#t15 {97.2}{0.0}{0.0}{Ad:As:Asd
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              [98.2] {5.1} {5.0} {Ad:As:Asd {78.3} {4.7} {3.7} {Ad:As:Asd {55.3} {5.2} {2.7} {Ad:As:Asd {38.5} {5.0} {2.3} {40:As:Asd {38.5} {5.0} {2.3} {40:As:Asd {38.5} {5.0} {2.3} {40:As:Asd {38.5} {5.0} {2.3} {40:As:Asd {38.5} {2.0} {2.3} {40:As:Asd {38.5} {2.0} {2.3} {40:As:Asd {40:As:Asd {40:Asd {40:A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ####t15 {98.0}{26.0}{25.6}}
####t15 {97.8}{97.4}{95.6}}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              using (3)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              (5) Examination
                                                                                                                      '? pAsd0.99:0.80 ***
9237 ####t15 {97.8
                                                                                                                                                                                                                                                                                                                                 .99:0.85
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ####115 {
####t15 {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ####15 {
####15 {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ####115 {
####115 {
                                                                                                                                                                                                                                                                                                                            ?? pAsd0..9
                                                                                                                                                                                                 9238
9239
9240
                                                                                                                                                                                                                                                                                                                                                                                                        \begin{array}{c} 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\ 9.2.4 \\
```

readmecan2mspeech.txt
021 08:15:37
Jun 19 2021

```
9369 cmd="speakerdigit_v5 fics]; #test:test->id:test->riGs:test->t_iGd:th->T
2012/12voicedata/allpole/oob4d:-LN100mbas2:300:1.6:1sx%(sx), y fd:../../
2012/12voicedata/allpole/oob4d:-LN100mbas2:300:1.6:1sx%(sx), y nSDL:7:10:10 pmin:0.01 ytm:1:0.9:1000 gibbs:%g
ibbs becal: afsi:0.01:23:34:5:6:7:89 Tr:1 sdr:0:0:12:3:4:5:6:7:89 Pr:-2 pApAdi%(pAs):%(pAd) LAR:0:0:-1 t
9370 cat tmp/testsd_stat.dat >> resultsum.dat
9371 ccho -e '\n' >> resultsum.dat
9373 done
9373 done
                                                                                                                                                                                                                                                                                                                                                                          ###the following result is obtained with speakerdigit_v5-
###paade0.8:0.96 for Gibbs

223 ####paade0.8:0.96 for Gibbs

225 ####paade0.8:0.96 for Gibbs

226 ####paade0.8:0.96 for Gibbs

227 ####harregistered (ICGe3:13Cde0.3; # test incorrect unregistered &X )

228 ####15 {99.2 {1.2}{1.2}} {1.2} {1.2} {1.2} {1.2} {1.2} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0} {1.0}
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pAsd0.99:0.8 iCO:1/5 n7000}
pAsd0.99:0.8 iCO:2/5 n7000}
pAsd0.99:0.8 iCO:3/5 n7000}
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GEBI pApAd:pA:
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n7000
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n7000}
n7000}
         ic2:1/5 n7000}
ic2:2/5 n7000}
ic2:3/5 n7000}
              n7000}
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pasd0.99:0.8 iC2:1/5 n
pasd0.99:0.8 iC2:2/5 n
pasd0.99:0.8 iC2:2/5 n
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ic3:0/5
ic3:1/5
ic3:2/5
ic3:3/5
                                                                                                                                                                           1C0:0/5 r 1C0:1/5 r 1C0:2/5 r 1C0:3/5 r
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | for pAsd0.99:0.8 ic
| for pAsd0.99:0.8 ic
| for pAsd0.99:0.8 ic
| for pAsd0.99:0.8 ic
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#for (
                                                                                                                                                                           for pAsd0.99:0.8 i
for pAsd0.99:0.8 i
for pAsd0.99:0.8 i
for pAsd0.99:0.8 i
         pAsd0.99:0.8 i
pAsd0.99:0.8 i
pAsd0.99:0.8 i
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       speaker
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  iCs=0.iCd=0; # test correct (registered) speak
#iCs=1.iCd=0; # test incorrect registered and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            iCs=2;iCd=0; # test incorrect registered
iCs=3;iCd=0; # test incorrect unregistered
cat (dev/null > resultaum.dat
cat (dev/null > ps6aum.dat
for sX in 0.1 2 3 4 5 6; do sp=-1;
ess=ess:5:1000:${1CS}; ${1Cd}:5:15; #test:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           for
for
for
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for
for
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               pAs=0.99;pAd=0.80;T=5;TT=15;glbbs=0;
pAs=0.80;pAd=0.96;T=5;TT=15;glbbs=1;
              for
for
for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                {Ad:As:Asd f
{Ad:As:Asd f
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Ad:As:Asd f
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ####15 {97.8} {95.3} {93.9} {
####15 {76.1} {95.0} {73.0} {
####15 {55.7} {95.5} {53.7} {
####15 {37.7} {94.7} {36.1} {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ###t15 {98.1}{5.5}{5.5}
###t15 {76.2}{5.1}{3.8}
###t15 {56.1}{5.2}{3.0}
###t15 {37.9}{5.0}
                                                                                                                                                                                {94.0}{
{75.0}}{
{53.2}}{
37.5}
#L15 {76.6}{0.1}{0.0}{8A
#L15 {58.2}{0.0}{0.0}{3A
#L15 {36.1}{0.1}{0.0}{3A
#COXTECT
#L15 {97.7}{95.4}{94.0}
#L15 {77.9}{95.4}{55.0}
#L15 {55.2}{95.0}{53.2}
#L15 {55.0}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ###unregistered
```

{if(\$1==t){pS+=\$2; %g %g %g\n",t,pS/n

, D

>> resultp.

=n=0;}

```
9444 "resultp_ics3icd0G1.txt" using ($1+0.4):2 t "pG" lt 3, "" using ($1+0.4):($2):($2-$3):($2+$4) with y
                                                                                                                                                                                                                                                    errorbars t " pt 6 lt 1, 9452 "resultp_ics0icd3G
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  errorbars t "" pt 6 lt 1, 9467 "resultp_ics0icd3G
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             tmp/testsd.dat
                                                                                                                                                                                t "" pt 7 lt 1, \ 9450 "resultp_ic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       9406 #set style data liset xtics (0,5,10,15);set ytics (0,0.5,0.96,1.0);set grid;set xrange [-1.5:15.9]; set yrange [-0.1:1.4]; 9407 set style data liset xtics (0,5,10,15);set ytics (0,0.5,0.96,1.0);set grid; set xrange [-0.5:18.9]; 9407 set style data liset xtics (0,5,10,15);set ytics (0,0.5,0.96,1.0);set grid; set xrange [-0.5:18.9]; 9408 plot 'resultp_icsolcdog1.txt" using 1:5 t "pd 7 lt 1," using 1:($5):($5-$6):($5-$6):($5+$7) with yerrorbars t ""pt 7 lt 1,"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             9414 #bayes speaker
9415 set tryle data liset xtics (0,5,10,15);set ytics (0,0.5,0.99,1.0);set grid;set xrange [-1.5:15.9]; s
et yrange [-0.1:1.4];
9416 set style data liset xtics (0,5,10,15);set ytics (0,0.5,0.99,1.0);set grid; set xrange [-0.5:17.9];
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              9424 set tryle data liset xtics (0,5,10,15);set ytics (0,0.5,0.8,1.0);set grid;iset xrange [-1.5:15.9]; set yrange [-0.1:1.4];
9425 set style data liset xtics (0,5,10,15);set ytics (0,0.5,0.8,1.0);set grid; set xrange [-0.5:18.9]; set yrange [-0.2:1.2];
                                                                                                                                                                                                                                                                                                                                                              errorbars t "" pt 6 lt 1, \
9402 "resultp_ics3icd0G1.txt" using ($1+0.4):2 t "pG" lt 1, "" using ($1+0.4):($2-$3):($2-$4) with y
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   plot "resultp_iCS0iCd0G0.txt" using 1:5 t "pB" lt 1, "" using 1:($5):($5-$6):($5+$7) with yerrorbars
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      "resultp_ics0icd3G0.txt" using ($1+0.6):5 t "pB" lt 1, "" using ($1+0.6):($5-$6):($5+$7) with y
                                                                                                                                                                                                                                                              [-0.5:15.9]; s
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          "resultp_ics0icd1G1.txt" using ($1+0.2):5 t "pg" lt 1, "" using ($1+0.2):($5):($5-$6):($5+$7) with y
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       9397 #set style data 1;set xtics (0,5,10,15);set ytics (0,0.5,0.8,1.0);set grid; set xrange [-1.5:15.9];
                                                                                                                                                                                                   set yrange [-0.1:1.4];
9398 #set style data 1/set xtics (0,5,10,15)/set ytics (0,0.5,0.8,1.0)/set grid/set xrange [-0.5:17.9]/
                                                                                                                                                                                                                                         set yrange [-0.2:1.2];
9399 set stytle data 1/set xtics (0,5,10,15)/set ytics (0,0.5,0.8,1.0)/set grid/ set xrange
et yrange [-0.2:1.2];
dl=../result_onsei; if [ ! -e $dl ]; then mkdir $dl;fi
cmdl="cp psdstat.dat $dl/resultp_iCs${icd}{icd}{gibbs}.txt"
echo.$cmdl;$cmdl
                                                                                                                                                                                                                                                                                                                                                                                                    errorbars t "" pt 4 1t 1 9403 set term telf term x11 9403 set term telf face output 'pds-t.obj'./zeplotiset term x11 9404 | to pds-t.obj ~/14toonip/iconip/2014speech/draft
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             errorbars t "" \bar{p}t 6 lt 1 9412 set term tgifiset output "pGd-t.obj",replotiset term X11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        set term tgif/set output "pBs-t.obj"/replot/set term X11
!cp pBs-t.obj ~/14iconip/iconip2014speech/draft
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            9430 set term tgif;set output "pBd-t.obj";replot;set term Xl1
9431 !cp pBd-t.obj ~/14iconip/iconip2014speech/draft
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       9413 | cp pGd-t.obj ~/14iconip/iconip2014speech/draft
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              cd ../result-onsei
                                                                                                                     cd ../result-onsei
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            "" pt 6 lt 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               errorbars t "" pt 6 lt
9429 "resultp iCs0iC
                                                                                                                                                                #gibbs speaker
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     errorbars t "" pt 4 lt
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    #gibbs speaker
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           #bayes digits
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     #####orig
                                                                                ######
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            errorbars t
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9426 plo
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9395
9396
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                9423
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        9421
```

```
errorbars t "" pt 4 lt 1 9460 set term tgif:set output "pBs-t_iCs023iCd0.obj";replot:set term X11 9460 set term tgif:set output "pBs-t_iCs023iCd0.obj";replot:set term X11 9462 set term tgif:set output "pBs-t_iCs023icd0.obj ~/14iconip/iconip/2014speech/draft 9462 set style data 1:set xtics (0,5,10,15):set ytics (0,0.5,0.8,1.0):set grid::set xrange [-1.5:15.9]; set yrange [-0.1:1.4]; et yrange [-0.1:1.4]; 9464 plot "resultp_iCs0iCd0G0.txt" using 1:5 t "pB" lt 1, "" using 1:($5):($5-$6):($5+$7) with yerrorbars
                                                                                                                                                                                                                                                                      9448 set style data 1/set xtics (0,5,10,15)/set ytics (0,0.5,0.96,1.0)/set grid/set xrange [-1.5:15.9]/s et yrange [-0.1:1.4]/s 9449 plot "resultp_ics0icd0G1.txt" using 1:5 t "pG" lt 1, "" using 1:($5):($5-$6):($5+$7) with yerrorbars
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            errorbars t "" pt 6 lt 1, \ 9451 "resultp_icsolod2d1.txt" using ($1+0.4):5 t "pd" lt 3, "" using ($1+0.4):($5):($5-$6):($5+$7) with y
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       errorbars 'resultp_ics0icd3d1.txt" using ($1+0.6):5 t "pg" lt 4, "" using ($1+0.6):($5):($5-$6):($5+$7) with y errorbars t "" pt 6 lt 1 9453 set term tgif;set output "pGd-t_ics0icd0123.obj";replot;set term X11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         9454 lop pGd-LCG910G0123.0bd | Part-LCG910G0123.0bd | Part-LCG910G01
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  t "" pt 7 lt 1, \ 9465 "resultp_icsoicdigo.txt" using ($1+0.2):5 t "pB" lt 2, "" using ($1+0.2):($5):($5-$6):($5+$7) with y
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(\$1+0.6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(\$5-\$6):(
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 FR =3.1%
FA=89.7%
FA=0.1%
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       #correct registered Bayes(glbbs:0)
##L15 [97.8] [96.3] [94.7] [Adias as ad for pasd0.95:0.96 iC0:0/5 n7000] FR=5.3%
#L15 [75.6] [95.8] [73.1] [Adias as af for pasd0.95:0.96 iC0:1/5 n7000] FA=73.1%
#L15 [84.5] [96.3] [52.9] [Adias add for pasd0.95:0.96 iC0:2/5 n7000] FA=52.9%
#L15 [35.3] [95.5] [33.8] [Adias and for pasd0.95:0.96 iC0:3/5 n7000]
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9468 set term tgif/set output "pBd-t_iCsOicd0123.obj",replot/set term X11
9469 !cp pBd-t_iCsOicd0123.obj "/14iconip/iconip2014speech/draft
                     "pGs-t_iCs023iCd0.obj";replot;set term X11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         #correct registered
#115 [90.1] [97.7] [97.7] Adiasiasd for pasd0.95:0.96 ic0:0/5 n7000]
#125 [91.0] [98.2] [98.2] [48.7] Adiasiasd for pasd0.95:0.96 ic0:1/5 n7000]
#1215 [0.2] [98.0] [0.1] [Adiasiasd for pasd0.95:0.96 ic0:2/5 n7000]
#115 [0.0] [97.7] [0.0] [Adiasiasd for pasd0.95:0.96 ic0:3/5 n7000]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     #L15 (98.0) [12.3] (9.12.7) [AdAss.Rad for padd0.95:0.96 iC3:0/5 n7000)  #L15 (75.8) [12.3] (9.12.7) [AdAss.Rad for padd0.95:0.96 iC3:0/5 n7000)  #L15 (54.9) [12.7] [AdAss.Rad for padd0.95:0.96 iC3:1/5 n7000)  #L15 (54.9) [12.7] [7.0] [AdAss.Rad for padd0.95:0.96 iC3:2/5 n7000)  #L15 (35.5) [12.4] [4.8] [AdAs.Rad for padd0.95:0.96 iC3:3/5 n7000]  #L15 (98.1) [0.1] [AdAs.Rad for padd0.95:0.96 iC2:0/5 n7000]  #L15 (98.1) [0.1] [AdAs.Rad for padd0.95:0.96 iC2:1/5 n7000]  #L15 (76.3) [0.2] [0.1] [AdAs.Rad for padd0.95:0.96 iC2:1/5 n7000]  #L15 (76.3) [0.2] [0.0] [AdAs.Rad for padd0.95:0.96 iC2:2/5 n7000]  #L15 (10.2) [0.0] [AdAs.Rad for padd0.95:0.96 iC2:2/5 n7000]
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9612
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x0xxxxLC0.99854 n343t3 0.94701 0.05299 #t.pGC.pGiC adp2:1 sdT1:1 1T2 icdT0(A3R0S0)
x0xxxxLC0.99854 n343t6 0.97802 0.02108 #t.pGC.pGiC adp2:1 sdT1:1 1T2 icdT0(A4R0S0)
xxxxxxxLC0.94545 n343t6 0.95755 0.04425 #t.pGC.pGiC adp2:0 sdT1:0 1T2 icdT0(ARR0S0)
xxxxxxLC0.9884 n343t6 0.95755 0.07445 #t.pGC.pGiC adp2:0 sdT1:0 1T2 icdT0(ARR0S0)
xxxxxxxLC0.5445 n343t8 0.98920 0.0280 #t.pGC.pGiC adp2:0 sdT1:0 1T2 icdT0(ARR0S0)
xxxxxxxLC0.9864 n343t10 0.08620 #t.pGC.pGiC adp2:0 sdT1:0 1T2 icdT0(ARR0S0)
xxxxxxxLC0.9864 n343t10 0.06590 #t.pGC.pGiC adp2:0 sdT1:0 1T2 icdT0(ARR0S0)
xxxxxxxLC0.9984 n343t11 0.96633 0.0367 #t.pGC.pGiC adp2:3 sdT1:4 1T2 icdT0(ARR0S0)
xxxxxxxLC0.99864 n343t11 0.96633 0.0367 #t.pGC.pGiC adp2:2 sdT1:2 1T2 icdT0(A1R0S0)
xxxxxxxLC0.9864 n343t11 0.96633 0.0367 #t.pGC.pGiC adp2:3 sdT1:2 1T2 icdT0(A1R0S0)
xxxxxxxLC0.54545 n343t14 0.98812 0.09687 0.0943 #t.pGC.pGiC adp2:3 sdT1:2 1T2 icdT0(A1R0S0)
xxxxxxxLC0.54545 n343t14 0.98812 0.0367 #t.pGC.pGiC adp2:3 sdT1:5 1T2 icdT0(A1R0S0)
xxxxxxxLC0.9864 n343t14 0.98812 0.0367 #t.pGC.pGiC adp2:3 sdT1:5 1T2 icdT0(A1R0S0)
xxxxxxxLC0.9864 n343t14 0.98812 0.0367 #t.pGC.pGiC adp2:5 sdT1:5 1T2 icdT0(A1R0S0)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1>pa0.900000 method->id=1 | 9555 xxxxxxt.CO.3333 nl71t15 0.91275 0.08725 #t,pGC,pGiC sdP6:1 sdT2:1 lT7 icdT0(Al5R0S0) Accept! pGC0.90 | 9555 xxxxxxt.CO.3333 nl71t15 0.91275 0.08725 #t,pGC,pGiC sdP6:3 sdT2:3 lT2 icdT0(Al5R0S0) Accept! pGC0.91 | 9536 xxxxxxt.CO.9946F notice 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                9537 xxxxxxOLC0.99865 n544t15 0.94908 0.05092 #t,pdC,pGiC sdP6:7 sdT2:7 lT4 iCdT0(Al5R0S0) Accept! pdC0.94 9528 xxxxxXLC0.01571 n833t15 0.90508 0.09492 #t,pdC,pGiC sdP6:9 sdT2:9 lT7 iCdT0(Al5R0S0) Accept! pdC0.90 55280.00000 method->id=1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Accept! pGC0.90
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            pGC0.93
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      pGC0.93
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         XxxxxxLC0.25641 n888t15 0.90931 0.09069 #t,pGC,pGiC sdP0:1 sdT1:1 1T6 iCdT0(A15R0S0) Accept! pGC0.90
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         xxxxxxL0.41667 n95t15 0.91614 0.08386 #t,pGC,pGic sdPl:0 sdT4:0 lT3 iCdT0(Al5R0S0) Accept! pGC0.916
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OxxxxxLC0.99896 n126t15 0.91188 0.08812 #t,pGC,pGiC sdP0:0 sdT4:0 1T0 iCdT0(A15R0S0) Accept! pGC0.91
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       pGC0.91
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       6>pA0.900000 method->id=1 XXXX sX=1
9531 OxxxxxxLC0.99838 n551t15 0.93668 0.06332 #t,pGC,pGiC sdP0:5 sdT1:5 lT4 icdT0(Al5R0S0) Accept!
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               5527 xxxxxxxtC0.99821 n884t15 0.90821 0.09179 #t.pGC.pGic sdp4:8 sdT0:8 1T9 icdT0(Al5R0S0) 8pA0.900000 method--lack n93315 0.93736 0.06264 #t.pGC.pGic sdp4:8 sdT0:8 1T6 icdT0(Al5R0S0) 9528 xxxxxxxtC0.52899 n93315 0.93736 0.06264 #t.pGC.pGic sdp4:8 sdT0:8 1T6 icdT0(Al5R0S0)
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9544 OxxxxxxLC0.99896 n941t15 0.94626 0.05374 #t,pGC,pGiC sdP0:6 sdT4:6 lT0 iCdT0(Al5R0S0)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       9546 xxoxxxLC0.99928 n354t15 0.91709 0.08291 #t,pGC,pGiC sdP2:2 sdT5:2 lT6 icdT0(Al5R0S0) >pA0.900000 method->id=1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 xxxoxxLC0.99821 n418t15 0.93690 0.06310 #t,pGC,pGiC sdP4:8 sdT0:8 1T9 iCdT0(Al5R0S0)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        xxxx0xxLC0.99821 n179t15 0.90756 0.09244 #t,pGC,pGic sdP4:8 sdT0:8 1T9 icdT0(Al5R0S0)
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#Li5 Asd25.36 As56.07 Ad97.76 #7000 pAsd0.50:0.96 iC3:0/5
#Li5 Asd20.91 As25.81 Ad80.50 n7000 pAsd0.50:0.96 iC3:1/5
#Li5 Asd44.97 As35.87 Ad56.30 m7000 pAsd0.50:0.96 iC3:3/5
#Li5 Asd8.93 As26.01 Ad35.07 n7000 pAsd0.50:0.96 iC3:3/5
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n7000 pasd0.50:0.96 iC0:1/5
n7000 pasd0.50:0.96 iC0:2/5
n7000 pasd0.50:0.96 iC0:3/5
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#t15 Asd21.09 As21.39 Ad98.77 n7000 pAsd0.50:0.96 iC3:0/5
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iC2:1/5
iC2:2/5
iC2:3/5
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#tl5 Asd0.39 As0.44 Ad97.76 n7000 pAsd0.50:0.96
#tl5 Asd0.29 As0.51 Ad77.39 n7000 pAsd0.50:0.96
#tl5 Asd0.20 As0.61 Ad55.71 n7000 pAsd0.50:0.96
#tl5 Asd0.10 As0.63 Ad35.91 n7000 pAsd0.50:0.96
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Asd78.26 As97.17 Ad79.90
Asd54.10 As96.70 Ad55.71
Asd33.63 As96.66 Ad34.57
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9532 Xxxxxxxx
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6>pA0.900000 method->id=1
9524
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9527 xxx0xxLC0.99821 n8
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9529
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9537 xxxxxoLC0.99865 n5
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9526 xxx0xxLC0.99821 n
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9541 OxxxxxLC0.99896 n
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00 n7000 pAsd0.50:0.96 iC3:1/5
 Ad92.
Asd19.96 As21.66
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readmecan2mspeech.txt

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9572 #115 Aadio, On Aa20.5 #1 Add 1.0 n/7000 phadd0.5010.96 #10311/5
9573 #115 Aadio, On Aa20.5 #1 Add 1.0 n/7000 phadd0.5010.96 #10313/5
9573 #115 Aadio, On Aa20.5 #1 Add 1.0 n/7000 phadd0.5010.96 #10313/5
9573 #115 Aadio, On Aa20.0 #10 Add 1.0 n/7000 phadd0.5010.96 #10213/5
9574 #115 Aadio, On Aa20.0 #10 Add 1.0 n/7000 phadd0.5010.96 #10213/5
9575 #115 Aadio, On Aa20.0 #10 Add 1.0 n/7000 phadd0.5010.96 #10213/5
9576 #115 Aadio, On Aa20.0 #10 Add 1.0 n/7000 phadd0.5010.96 #10213/5
9578 #115 Aadio, On Aa20.0 #10 Add 1.0 n/7000 phadd0.5010.96 #10213/5
9589 #115 Aadio, On Aa20.0 #10 Add 1.0 n/7000 phadd0.5010.96 #10213/5
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9589 #115 Aadio, On Aa20.0 #10 Add 1.0 n/7000 phadd0.5010.96 #10213/5
9589 #115 Aadio, On Aa20.0 #10 Add 1.0 n/7000 phadd0.5010.96 #10213/5
9589 #115 Aadio, On Aa20.0 #10 Add 2.0 n/1000 phadd0.5010.96 #10213/5
9589 #115 Aadio, On Aa20.0 #10 Add 2.0 n/1000 phadd0.5010.96 #10213/5
9599 #115 Aadio, On Aa20.0 #10 Add 2.0 n/1000 phadd0.5010.96 #10213/5
9599 #115 Aadio, On Aa20.0 #10 Add 2.0 n/1000 phadd0.5010.96 #10213/5
9599 #115 Aadio, On Aa20.0 #10 Add 2.0 n/1000 phadd0.5010.96 #10213/5
9599 #115 Aadio, On Aa20.0 #10 Add 2.0 n/1000 phadd0.5010.96 #10213/5
9599 #115 Aadio, On Aa20.0 #10 Add 2.0 n/1000 phadd0.5010.96 #10213/5
9599 #115 Aadio, On Aa20.0 #10 Add 2.0 n/1000 phadd0.5010.96 #10213/5
9599 #115 Aadio, On Aa20.0 #10 Add 2.0 n/1000 phadd0.5010.96 #10213/5
9599 #115 Aadio, On Aa20.0 #10 Add 2.0 n/1000 phadd0.5010.96 #10213/5
9599 #115 Aadio, On Aa20.0 #10 Add 2.0 n/1000 phadd0.5010.96 #10213/5
9590 #115 Aadio, On Aa20.0 #10 Add 2.0 n/1000 phadd0.5010.96 #10213/5
9590 #115 Aadio, On Aa20.0 #10 Add 2.0 n/1000 phadd0.5010.96 #10213/5
9590 #115 Aadio, On Aa20.0 #10 Add 2.0 n/1000 phadd0.5010.96 #10213/5
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9590 #115 Aadio, On Aa20.0 
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9610 #oob4speakerdigit-usx sp:fhs:fms:mkk:mko:mmt:mmh:mym tx:zero:ichi:ni:san:yon:go:roku:nana:hachi:kyu n
tx:i10 k:36 mbas:22:100:1.6:1 dir:../../2012/12voicedata/allpole d-1 N:40 sx:0
9611 0.943 1.000 0.000 0.057 8.1638-05 700 d #TP_JNY PP.PN.ERR.n.txm0 sX0(TPD.900 TNI.000 ERI.000e-03 n100
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0.986 0.986 0.014 0.014 4.082e-05 700 7 #TP,TN,FP,FN,ERR,n,txm7 sX1(TP1.000 TN0.978 ER2.222e-04 nl00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0.971 0.989 0.011 0.029 5.669e-05 700 8 #TP,IN,FP,FN,ERR,n,txm8 sX1(TP0.900 IN0.989 ER1.111e-03 n100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0.943 0.990 0.010 0.057 9.524e-05 700 4 #TP,TN,FP,FN,ERR,n,txm4 8X0(TP0.900 TN1.000 ER1.000e-03 n100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0.929 0.989 0.011 0.071 1.179e-04 700 6 #TP,TN,FP,FN,ERR,n,txm6 sX0(TP1.000 TN0.989 ER1.111e-04 n100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1.000 0.989 0.011 0.000 1.587e-05 700 2 #TP,TN,FP,FN,ERR,n,txm2 sX0(TP1.000 TN0.978
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SX1(TP1.000 TN0.989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0.929 0.998 0.002 0.071 1.043e-04 700 1 #TP,TN,FP,FN,ERR,n,txm1 sX0(TP0.900 TN1.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0.929 0.992 0.008 0.071 1.134e-04 700 8 #TP,TN,FP,FN,ERR,n,txm8 sXO(TPO.800 TN0.989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0.971 1.000 0.000 0.029 4.082e-05 700 5 #TP,TN,FP,FN,ERR,n,txm5 sX1(TP1.000 TN1.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0.986 0.995 0.005 0.014 2.721e-05 700 1 #TP,TN,FP,FN,ERR,n,txml
```

Jun 19 2021 08:15:37

eadmecan2mspeech.txt

cat ../../2012/12voicedata/allpole/oob4d:-1N40mbas2:100:1.6:1sX4.ystat
prob4geaekerdigit-ksx sprifis:ims:mkt:mkn:mym xx:zero:ichi:ni:san:yon:go:roku:nana:hachi:kyu n
c:36 mbas:2:100:1.6:1 dir:../../2012/12voicedates/allpole di-1 N:40 sx:4 k:36 mbas:2:100:1.6:1 dir:../../2012/12voicedata/allpole d:-1 N:40 sX:4
0.957 0.997 0.003 0.043 6.576e-05 700 0 #TP,TN,FP,FN,ERR,n,txm0 sX4(TP1.000 TN0.989 ERI.111e-04 n100 ER1.000e-03 n100 ER2.222e-04 n100 0.900 0.986 0.014 0.100 1.633e-04 700 4 #TP,IN,FP,FN,ERR,n,txm4 5XZ(TF0.800 TN0.978 ER2.222e-03 n100 ER1.333e-03 n100 ER2.000e-03 n100 ERO.000e+00 n100 0.900 0.997 0.003 0.100 1.474e-04 700 1 #TP,TN,FP,FN,ERR,n,txml sx3(TP0.900 TN1.000 ER1.000e-03 n100 0.943 0.986 0.014 0.057 1.020e-04 700 2 #TP,TN,FP,FN,ERR,n,txm2 sX3(TP0.900 TN0.978 ER1.222e-03 n100 ER1.111e-03 n100 ER0.000e+00 n100 0.900 0.984 0.016 0.100 1.655e-04 700 6 #TP,TN,FP,FN,ERR,n,txm6 sX3(TP0.900 TN0.967 ER1.333e-03 n100 ER1.444e-03 n100 0.900 0.995 0.005 0.100 1.497e-04 700 4 #TD,TN,FP,FN,ERR,n,txm4 8X4(TP0.900 TN1.000 ER1.000e-03 nl00 ERO.000e+00 n100 0.986 0.990 0.010 0.014 3.401e-05 700 6 #TP,TN,FP,FN,ERR,n,txm6 sX4(TP1.000 TN0.989 ER1.111e-04 n100 ER1.111e-04 n100 0.957 0.994 0.006 0.043 7.029e-05 700 2 #TP,TN,FP,FN,ERR,n,txm2 sX5(TP1.000 TN0.989 ER1.111e-04 n100 ERO.000e+00 n100 1.000 0.994 0.006 0.000 9.070e-06 700 9 #TP,TN,FP,FN,ERR,n,txm9 sX2(TP1.000 TN0.989 ER1.111e-04 n100 0.886 0.990 0.010 0.114 1.769e-04 700 3 #TP,TN,FP,FN,ERR,n,txm3 sX5(TP0.900 TN0.989 ER1.111e-03 n100 cat ../../2012/12voicedata/allpole/oob4d:-1N40mbas2:100:1.6:1sX5.ystat
probspesekardigt-tex ps:fhs:fns:mkk:mk:mmh:mym kx:zero;idh:ini:am:yon:go:roku:nana:hachi:kyu i
k:36 mbas:2:100:1.6:1 dir:../../2012/12voicedata/allpole di-1 N:40 sx:5
0.971 0.981 0.019 0.029 6.803e-05 700 0 #TP,TN,FP,FN,ERR,n,txm0 sX5(TP1.000 TN0.989 ER1.111e-04 n10 cat ../../2012/12voicedata/allpole/oob4d:-IN40mbas2:100:1.6:1sX2.ystat
#ob4geserdigit-kxx ps.fibs.fins.inkk.ink.inki.mih.inym kx:zero:ichl:nii.san:yon:go:roku:nana:hachi:kyu
k:36 mbasr2:100:1.6:1 dir:../../2012/12voicedata/allpole di-1 Ni40 sx:2 #oob4speekerdigit+sX sp:fhs:fms:mkk:mko:mmt:mnh:mym tx:zero:ichi:ni:san:yon:go:roku:nana:hachi:kyu kyu kis mbas:1001.16:1. dir:.../. 2012/12/zorieedata/all.pole di-.. Ni40 sxi3;
0.986 0.998 0.002 0.014 2.2688-05 700 0 #PP_NN.PP_PN DRR.n.txm0 sxi3(P1.000 TN1.000 ERO.0000e+00 nl0 TN0.989 ER1.111e-03 ER0.000e+00 0.971 0.997 0.003 0.029 4.535e-05 700 8 #TP,TN,FP,FN,ER,n,txm8 sX3(TP0.900 TN1.000 ER1.000e-03 ER1.111e-04 0.957 0.984 0.016 0.043 8.390e-05 700 7 #TP,TN,FP,FN,ERR,n,txm7 sX4(TP0.900 TN0.956 ER1.444e-03 ERO.000e+00 ER2.000e-03 0.986 0.998 0.002 0.014 2.268e-05 700 9 #TD,TN,FP,FN,ER,n,txm9 sX3(TP1.000 TN1.000 ER0.000e+00 ER1.000e-03 ER1.111e-04 ER1.111e-03 ERO.000e+00 989 0.914 0.997 0.003 0.086 1.270e-04 700 1 #TP,TN,FP,FN,ERR,n,txml sx2(TP0.900 TN1.000 WW.978 TM1.000 TN1.000 TN0.967 TN1.000 TN0.989 0.829 0.992 0.008 0.171 2.562e-04 700 4 #TP,TN,FP,FN,ERR,n,txm4 sX3(TP0.800 TN1.000 TN1.000 0.914 0.986 0.014 0.086 1.429e-04 700 7 #TP,TN,FP,FN,ERR,n,txm7 sX3(TP0.900 TN0.956 0.914 0.992 0.008 0.086 1.338e-04 700 1 #TD,TN,FD,FN,ERR,n,txml sX4(TP0.900 TN1.000 0 NI TN0.989 0.986 1.000 0.000 0.014 2.041e-05 700 5 #TP,TN,FP,FN,ERR,n,txm5 sX4(TP1.000 TN1.000 TN0.989 TN1.000 TM1.000 TN1.000 0.900 0.994 0.006 0.100 1.519e-04 700 3 #TP,TN,FP,FN,ERR,n,txm3 sX2(TP0.900 0.914 0.998 0.002 0.086 1.247e-04 700 8 #TP,TN,FP,FN,ERR,n,txm8 sX2(TP0.800 0.943 0.989 0.011 0.057 9.751e-05 700 3 #TP,TN,FP,FN,ERR,n,txm3 sX3(TP0.900 700 9 #TP, TN, FP, FN, ERR, n, txm9 sX1 (TP1.000 0.986 0.997 0.003 0.014 2.494e-05 700 0 #TP, TN, FP, FN, ERR, n, txm0 sX2(TP1.000 700 2 #TP, TN, FP, FN, ERR, n, txm2 sX2(TP1.000 700 5 #TP, TN, FP, FN, ERR, n, txm5 sX2 (TP1.000 0.929 0.994 0.006 0.071 1.111e-04 700 6 #TP,TN,FP,FN,ERR,n,txm6 sX2(TP1.000 0.929 0.983 0.017 0.071 1.270e-04 700 7 #TP,TN,FP,FN,ERR,n,txm7 sX2(TP0.900 0.986 0.998 0.002 0.014 2.268e-05 700 5 #TP,TN,FP,FN,ERR,n,txm5 sX3(TP1.000 0.971 0.992 0.008 0.029 5.215e-05 700 2 #TP,TN,FP,FN,ERR,n,txm2 sX4(TP1.000 700 3 #TP, TN, FP, FN, ERR, n, txm3 sX4(TP1.000 0.943 0.989 0.011 0.057 9.751e-05 700 8 #TP,TN,FP,FN,ERR,n,txm8 sX4(TP0.900 0.995 0.005 0.000 6.803e-06 700 9 #TP, IN, FP, FN, ERR, n, txm9 sX4(TP1.000 SX5 (TP0.900 ../../2012/12voicedata/allpole/oob4d:-1N40mbas2:100:1.6:1sX3.ystat 0.005 0.071 1.088e-04 700 1 #TP, TN, FP, FN, ERR, n, txm1 1.000 0.987 0.013 0.000 1.814e-05 0.986 0.995 0.005 0.014 2.721e-05 4.535e-06 0.013 0.057 9.977e-05 0.003 0.000 0.997 0.943 0.987 1.000 1.000 k:36 k:36 k:36 txi:10 } 9635 txi:10 } 9647 9636 9637 9641 9642 9644 9648 9652 9653 9656 9659 0996 9663 9664 9655 9638 9640 9649 9650 9662 9996 9671 9672 9645 9657 9661 9665 7996 9670

...r, n, cmis sx6 (TPL .000 TNO .97 ERL .333e-0.
...r, n, cmis sx6 (TPL .000 TNO .97 ERL .333e-0.
...r, n, cmis sx6 (TPL .000 TNO .97 ERL .333e-0.
...r, n, cmis sx6 (TPL .000 TNO .97 ERL .373e-0.
...r, n, cmis sx6 (TPL .000 TNO .97 ERL .776e-03 nld
...r, 000 0.998 0.002 0.002 0.002 2.266e-06 700 9 #TP, TN, FP, FN, ERR, n, cmis sx6 (TPC .900 TNO .92 ERL .776e-03 nld
...r, 10 k:36 mbas 2:1001.0 k:1 ms, FP, FN, ERR, n, cmis sx6 (TPC .900 TNL .000 ERL .000e-00 nld0
...r, 10 k:36 mbas 2:1001.1 k:1 ms, FP, FN, ERR, n, cmis sx6 (TPC .900 TNL .000 ERL .000e-01 nld0
...rx; 10 k:36 mbas 2:1001.1 k:1 ms, FP, FN, ERR, n, cmis sx7 (TPC .000 TNL .000 ERL .000e-01 nld0
...rx; 10 k:36 mbas 2:1001.1 k:1 dir:.., .7.2012/12/cxccadata/allpole (-i n:i n:i o xx1 and xx7 (TPC .000 ER-man n)
...rx; 10 k:36 mbas 2:1001.1 k:1 dir:.., .7.2012/12/cxccadata/allpole (-i n:i n:i o xx1 and xx7 (TPC .000 ER-man n)
...rx; 10 k:36 mbas 2:1001.1 k:1 dir:.., .7.2012/12/cxccadata/allpole (-i n:i n:i o xx1 and xx7 (TPC .000 TNC .000 ER-man n)
...rx; 10 k:36 mbas 2:1001.1 k:1 dir:.., .7.2012/12/cxccadata/allpole (-i n:i n:i o xx1 and xx7 (TPC .000 TNC .000 ER-man n)
...rx; 10 k:36 mbas 2:1001.1 k:1 dir:.., .7.2012/12/cxccadata/allpole (-i n:i o xx1 ax7 (TPC .000 TNC .000 ER-man n)
...rx; 10 k:36 mbas 2:1001.1 k:1 dir:.., .7.2012/12/cxccadata/allpole (-i n:i o xx1 ax7 (TPC .000 TNC .000 ER-man n)
...rx; 10 k:36 mbas 2:1001.1 k:1 dir:.., .7.2012/12/cxccadata/allpole (-i n:i o xx1 ax7 (TPC .000 TNC .000 ER-man n)
...rx; 10 k:36 mbas 2:1001.1 k:1 dir:.., .7.2012/12/cxccadata/allpole (-i n:i o xx1 ax7 (TPC .000 TNC .000 ER-man n)
...rx; 10 k:36 mbas 2:1001.1 k:1 dir:.., .7.2012/12/cxccadata/allpole (-i n:i o xx1 ax7 (TPC .000 TNO .000 ER-man n)
...rx; 10 k:36 mbas 2:1 dir:.., .2.2012/12/cxccadata/allpole (-i n:i o xx1 ax7 (TPC .000 TNO .000 ER-man n)
...rx; 10 k:36 mbas 2:1 dir:.., .2.2012/12/cxccadata/allpole (-i n:i o xx1 ax7 (TPC .000 TNO .000 ER-man n)
...rx; 10 k:36 mbas 2:1 dir:.., .2.2012/2/cxccadata/allpole (-i n:i o xx1 ax7 (TPC .000 TNO .000 ERcat ../../2012/12voicedata/allpole/oob4d:-1N40mbas2:100:1.6:1sX6.ystat
#oob4speakerdigit-sX sp:fins:imkk:mkk:mkc:mmt:mmh:mym tx:zero:idni:ni:aan:yon:go:roku:nana:hachi:kyu n
k:36 mbas:2:100:1.6:1 dir:../../2012/12voicedata/allpole d:-1 N:406 Sx:6
0.986 0.983 0.017 0.014 4.53e-05 700 0 #TP_YPF,FR,ERN.ni.xm0 sx6(TP1.000 TN0.967 ER3.333e-04 n100 ER1.222e-03 n100 ER3.333e-04 n100 ER1.000e-03 n100 000e-03 n100 ERO.000e+00 n100 ER0.000e+00 n100 ER1.667e-03 ER1. echo \$cmd:\$cmd cmd cmd:\(\) 1.000 0.989 0.011 0.000 1.587e-05 700 5 #TP,TN,FP,FN,ERR,n,txm5 sX5(TP1.000 TM1.000 SX6(TP0.900 TN1.000 SX5(TP0.900 TN0.978 SX5(TP1.000 IN0.967 SX5(TP0.900 IN0.933 SX5(TP0.900 TN0.989 SX5(TP1.000 IN1.000 0.943 0.998 0.002 0.057 8.390e-05 700 1 #TP,TN,FP,FN,ERR,n,txm1 sX6(TP0.900 TN1.000 0.914 0.997 0.003 0.086 1.270e-04 700 2 #TP, IN, FP, FN, ERR, n, txm2 0.143 2.290e-04 700 4 #TP, TN, FP, FN, ERR, n, txm4 0.957 0.975 0.025 0.043 9.751e-05 700 6 #TP,TN,FP,FN,ERR,n,txm6 0.929 0.970 0.030 0.071 1.451e-04 700 7 #TP,TN,FP,FN,ERR,n,txm7 0.057 9.070e-05 700 8 #TP, IN, FP, FN, ERR, n, txm8 1.000 0.997 0.003 0.000 4.535e-06 700 9 #TP,TN,FP,FN,ERR,n,txm9 0.857 0.983 0.017 0.943 0.994 0.006 txi:10 k:36 9683 7796 9679 9680 9684 9685 9682 9711 9713 9714 9715

cmd="oob4speakerdigit+8X sp:fhs:fms:mkk:mko:mmt:mnh:mym tx:zero:ichi:ni:san:yon:go:roku:nana:hachi:k
110 k:36 mbas:2:{b}:{a}:1 dir:../../2012/12voicedata/allpole d:-1 N:;{N} sX:\$sX"
echo \$cmd:\$cmd.\$cmd #papadd::th->pa:th->pad:th->r (#LaR:th->La:th->La:th->Lan likelihood for c ../2012/12voicedata/allpole/oob4d:-1N ξ N $\}$ mbas2: ξ {b $\}$: ξ {a $\}$:1sX ξ {sX $\}$.ystat" ics=2 speaker test for correct (registered) speaker incorrect registered and unregistered incorrect registered XX unregistered unregistered only; only; #sXt=sX:\${sX}:1; # test registered and #sXt=sX:\${sX}:0; # test registered only #sXt=sX:\${sX}:-1; # test unregistered o 0 1 2 3 4 5 6 7; do iCs=0;iCd=0; # test iCs=1;iCd=0; # test iCs=2;iCd=0; # test a=1.6;b=300;N=40 pA=0.5;pAd=0.96; echo \$cmd1;\$cmd1 2013/02/27 digit; noeffect) 'n. for sX #see (3) 9719 9720 1 ntxi: 9721 9727 9727 9728 9729 9731 9732 9733 9717 9725

unregistered

incorrect

ics=3;icd=0; #

9739 cmd="speakerdigit_v3 fs:../../2012/12voicedata/allpole/oob4s:-lN40mbas2:300:1.6:1sX\${sX}.y fd:../../
2012/12/voicedata/allpole/oob4si-lN40mbas2:300:1.6:1sX\${sX}.y nSDL:7:10:10 pmin:0.01 ytm:1:0.9:1000 gibbs:1 beta:1 sdP:0:0:1.2:3:4:5:6:7:8:9 ver:-2 pApAd:\${pA}:\${pA test=test:5:1000:\${ics}:\${icd}:5:15;

971 #incorrect unregistered
972 #incorrect unregistered
974 #incorrect unregistered
975 #incorrect unregistered
975 #incorrect unregistered
975 #incorrect unregistered
976 #incorrect unregistered
977 #incorrect unregistered
97

9756 FIS ps0. 98700.012000.0290p0.003LC0.020-0.998 iCO=TRO:PRO:SRO C1000=TR979:FR21:SAO PAPAGO.5:0.96 LARO
1:0-11 iCT2:0/5 mid42v-2 dA979 pd0.98700.0120m0.0290p0.003
9757 L15 ps0. 01500.0120m0.0040p0.025LC0.0030-0.994 iCI1000=TR1000:FA0:SRO C0=TA0:FR0:SAO PAPAAGO.5:0.96 LARO
1:0-1 iCT2:0/5 mid41v-2 dA979 pd0.98700.0120m0.0290p0.003
9758 #incorrect registered and unregatered and unregatered 9759 L15 ps0.98400.1980m0.4130p0.094LC0.020-0-998 iCO=TR0:FR0:SRO C1000=TR794:FR206:SAO PAPAAGO.5:0.96 LARO
9759 L15 ps0.98400.1980m0.4130p0.094LC0.020-0-998 iCO=TR0:FR0:SRO C1000=TR794:FR206:SAO PAPAAGO.5:0.96 LAR
9759 L15 ps0.98400.1980m0.0130p0.094LC0.020-0-994 iCI000=TR999:FA1:SRO C0=TA0:FR0:SAO PAPAAGO.5:0.96 LAR
9750 L15 ps0.04700.0780m0.0330p0.1590m0.4130p0.094
9760 L15 ps0.04700.0780m0.0330p0.1590m0.4130p0.094 LAR0 t15 ps0.488U0.087Um0.044Up0.162Lc0.431-0.998 icO=TR0:FA0:SR0 C1000=TA0:FR1000:SA0 pApAd0.5:0.96 C0=TA0:FR0:SA0 papad0.5:0.96 bad recognition rate of digits of unregistered speakers!!!!!!!!!!!!! 0:-1 iCT3:0/5 mid2v-2 dA0 pd0.48800.0870m0.0440p0.162 digit ps0:17600.1140m0.0670p0.070m0.0440p0.162 digit ps0:17600.1140m0.0670p0.070m0.009-0.994 iC1000=TR1000:TR --->## 9751

0:-1 ic 9761

#result of (1)
real19m43.510s user15m57.272s sys1m13.829s
cat2012/12voicedata/allpole/cobs:-lN40mbas2:300:1.6:1sX-1.ystat
catvincedata/allpole/cobs:-ln40mbinym tx:zero:ichi:ni:san:yon:go:roku:nana:hachi:kyu

9706 cat. .../2012/12/03/cedata/allpole/oob4s:-1M40mbas2:300:1.6:1ax-1.ystat
9710 #oob4speakerdigit-sx sp:fins:amk:mx.mx.cero:ichi:ni:san:yon:go:roku:nana:hachi:kyu n
10.10 k:36 mbas:2:300:1.6:1 dir:../.../2012/12/voicedata/allpole s:-1 N:40 sx:-1
9711 0:970 0:980 0:020 0:030 7.143e-08 700 #TP.TN.PP.FN.ERR.n.sml
9772 0:920 0:990 0:001 0:080 1.286e-04 700 #TP.TN.PP.FN.ERR.n.sml
9773 0:920 0:990 0:001 0:080 1.286e-04 700 #TP.TN.PP.FN.ERR.n.sml
9774 0:910 0:977 0:023 0:070 1.405e-04 700 #TP.TN.PP.FN.ERR.n.sml
9775 0:950 0:977 0:023 0:090 1.610e-04 700 #TP.TN.FP.FN.ERR.n.sml
9776 0:920 0:977 0:023 0:090 1.610e-04 700 #TP.TN.FP.FN.ERR.n.sml
9777 0:920 0:977 0:023 0:090 1.610e-04 700 #TP.TN.FP.FN.ERR.n.sml
9778 0:910 0:977 0:023 0:090 1.610e-04 700 #TP.TN.FP.FN.ERR.n.sml
9779 0:920 0:977 0:023 0:090 1.610e-04 700 #TP.TN.FP.FN.ERR.n.sml
9779 0:920 0:977 0:023 0:090 1.610e-04 700 #TP.TN.FP.FN.ERR.n.sml
9779 0:920 0:970 0:030 0:090 1.610e-04 700 #TP.TN.FP.FN.ERR.n.sml
9779 0:920 0:970 0:030 0:000 1.610e-04 700 #TP.TN.FP.FN.ERR.n.sml
9779 0:920 0:970 0:030 0:000 1.000 0:000 1.714e-04 700 #TP.TN.FP.FN.ERR.n.sml
9779 0:950 0:950 0:000 0:000 1.714e-04 700 #TP.TN.FP.FN.ERR.n.sml
9780 0:950 0:950 0:000 0:000 1.714e-04 700 #TP.TN.FP.FN.ERR.n.sml
9780 0:950 0:950 0:000 0:000 0:000 1.714e-04 700 #TP.TN.FP.FN.ERR.n.sml
9780 0:950 0:950 0:000 0:000 1.610e-04 700 #TP.TN.FP.FN.ERR.n.sml
9780 0:950 0:950 0:000 0:000 1.610e-04 700 #TP.TN.FP.FN.ERR.n.sml
9780 0:950 0:950 0:000 0:000 1.000e-04 700 #TP.TN.FP.FN.ERR.n.sml
9780 0:950 0:950 0:0000 0:00

../../2012/12voicedata/allpole/oob4s:-1N40mbas2:300:1.6:1sx2.ystat

ER6.790e-05 n600

SX0(TP0.967 IN0.993

0.971 0.994 0.006 0.029 4.989e-05 700 5 #TP,TN,FP,FN,ERR,n,txm5

readmecan2mspeech.txt Jun 19 2021 08:15:37 992 (1997) (1997 yon:go:roku:nana:hachi:kyu n #oob4speakerdigit+sX sp:fhs:fms:mkk:mko:mmt:mnh:mym tx:zero:ichi:ni:san:yon:go:roku:nana:hachi:kyu n ::36 mbas:2:300:1.6:1 dir:.././2012/12voicedara/allmole A'-1 m.An ~~.. ER6.173e-05 n600 ER2.099e-04 n600 ER1.543e-04 ER1. 0.829 0.995 0.005 0.171 2.517e-04 700 0 #TP,TN,FP,FN,ERR,n,txm0 sX0(TP0.967 TN0.996 0.243 3.923e-04 700 4 #TP, TN, FP, FN, ERR, n, txm4 SX0(TP0.883 IN0.991 SX0(TP0.917 TN0.991 0.114 1.791e-04 700 1 #TP, TN, FP, FN, ERR, n, txml 0.229 3.333e-04 700 3 #TP,TN,FP,FN,ERR,n,txm3 0.114 2.063e-04 700 2 #TP,TN,FP,FN,ERR,n,txm2 0.011 0.030 0.757 0.968 0.032 0.886 0.989 ## 11 | K:36 m | 9864 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 | 0.988 txi:10 k:36 r 9858 0.829 9859

Jun 19 2021 08:15:37

eadmecan2mspeech.txt

../../2012/12voicedata/allpole/oob4d:-1N40mbas2:300:1.6:1sX1.ystat cat ../../2012/12voicedata/allpole/oob4d:-IN40mbas2:300:1.6:18x3.ystat
cot ../../2012/12voicedata/allpole/oob4d:-IN40mbas2:300:1.6:18x3.ystat
cot ../../2012/12voicedata/allpole d:-IN40 sx:3
c:36 mbas:2:300:1.6:1 dir:../../2012/12voicedata/allpole d:-IN40 sx:3
0.914 0.997 0.003 0.086 1.270e-04 700 0 #TP,IN,FP,FN,ERR,n,txm0 sx3(TP0.933 TN0.998 ER1.142e-04 n60 ER5.247e-05 ER9.568e-05 ER8.642e-05 ER6.173e-05 ER2.654e-04 ER1.296e-04 ER3.086e-05 ER9.568e-05 ER8.025e-05 ER4.630e-05 ER1.235e-04 ER9.568e-05 ER2.037e-04 ER1.975e-04 ER3.086e-05 ER5.247e-05 ER6.481e-05 ER6.173e-06 ER9.259e-05 ER3.704e-05 700 3 #TP,TN,FP,FN,ERR,n,txm3 sX3(TP0.917 TN0.993 ER1.512e-04 TN0.994 ER1.759e-04 ER3.704e-05 ER1.543e-05 ER1.481e-04 ER6.481e-05 ER1.543e-05 ER1.451e-ER2.438e-ER9 985 WW. 998 976.0NT 0.929 0.965 0.035 0.071 1.519e-04 700 7 #TP,TN,FP,FN,ERR,n,txm7 sX1(TP0.967 TN0.985 TN0.989 0.814 0.995 0.005 0.186 2.721e-04 700 3 #TP,TN,FP,FN,ERR,n,txm3 sx2(TP0.883 TN0.994 TN0.998 700 5 #TP, TN, FP, FN, ERR, n, txm5 sX2(TP0.983 TN0.998 0.843 0.987 0.013 0.157 2.426e-04 700 6 #TP,TN,FP,FN,ERR,n,txm6 sx2(TP0.983 TN0.985 TN0.994 966.0NI TN0.994 TN0.994 TN0.991 TN0.994 TN0.994 1NO.998 TM0.987 994 1N0.998 TN0.996 966 TW0.991 TN0.989 TM0.991 TN0.993 TN0.993 TN0.987 TN0.994 TN0.993 TNO. INO. TNO. k:36 mbas:2:300:1.6:1 dir:../../2012/12voicedata/allpole d:-1 N:40 sX:1 0.814 0.990 0.010 0.186 2.789e-04 700 0 #TP,TN,FP,FN,ERR,n,txm0 sX1(TP0.950 700 5 #TP, TN, FP, FN, ERR, n, txm5 sX1 (TP0.983 1.451e-04 700 6 #TP, TN, FP, FN, ERR, n, txm6 SX0(TP0.983 700 7 #TP,TN,FP,FN,ERR,n,txm7 sX0(TP1.000 SX0(TP0.950 0.843 0.995 0.005 0.157 2.313e-04 700 1 #TP,TN,FP,FN,ERR,n,txml sX1(TP0.967 700 3 #TP, TN, FP, FN, ERR, n, txm3 sX1(TP0.850 700 4 #TP, TN, FP, FN, ERR, n, txm4 sX1 (TP0.933 700 6 #TP, TN, FP, FN, ERR, n, txm6 sX1(TP0.967 sX1 (TP0.983 700 9 #TP, TN, FP, FN, ERR, n, txm9 sX1 (TP1.000 700 1 #TP,TN,FP,FN,ERR,n,txml sX2(TP0.933 700 2 #TP,TN,FP,FN,ERR,n,txm2 sX2(TP0.950 700 4 #TP, TN, FP, FN, ERR, n, txm4 sX2(TP0.883 SX2 (TP0.867 700 8 #TP, TN, FP, FN, ERR, n, txm8 sX2(TP0.967 700 9 #TP,TN,FP,FN,ERR,n,txm9 sX2(TP1.000 700 1 #TP, TN, FP, FN, ERR, n, txml sX3(TP0.950 700 2 #TP, TN, FP, FN, ERR, n, txm2 sX3(TP0.983 700 4 #TP, TN, FP, FN, ERR, n, txm4 sX3(TP0.900 700 5 #TP, TN, FP, FN, ERR, n, txm5 sX3 (TP0.983 700 6 #TP, TN, FP, FN, ERR, n, txm6 sX3(TP1.000 700 7 #TP,TN,FP,FN,ERR,n,txm7 sX3(TP0.917 0.843 0.994 0.006 0.157 2.336e-04 700 8 #TP,TN,FP,FN,ERR,n,txm8 sX3(TP0.967 700 9 #TP, TN, FP, FN, ERR, n, txm9 sX3 (TP0.983 SX0 (TP1.000 700 2 #TP,TN,FP,FN,ERR,n,txm2 sX1(TP0.917 700 8 #TP, TN, FP, FN, ERR, n, txm8 700 9 #TP, TN, FP, FN, ERR, n, txm9 700 8 #TP, TN, FP, FN, ERR, n, txm8 700 7 #TP, TN, FP, FN, ERR, n, txm7 #oob4speakerdigit+sX sp:fhs:fms:mk:mko:mmt:mnh:mym::36 mbas:2:300:1.6:1 dir:../../2012/12voicedata/allp 0.829 0.975 0.025 0.171 2.812e-04 0.008 0.100 1.542e-04 0.986 0.997 0.003 0.014 2.494e-05 0.900 0.995 0.005 0.100 1.497e-04 0.857 0.987 0.013 0.143 2.222e-04 2.789e-04 2.109e-04 1.451e-04 0.729 0.992 0.008 0.271 3.991e-04 2.381e-04 0.943 0.994 0.006 0.057 9.070e-05 0.900 0.990 0.010 0.100 1.565e-04 0.992 0.008 0.000 1.134e-05 0.014 0.071 1.224e-04 0.843 0.990 0.010 0.157 2.381e-04 0.957 0.998 0.002 0.043 6.349e-05 0.029 0.114 2.041e-04 0.995 0.005 0.114 1.701e-04 0.943 0.994 0.006 0.057 9.070e-05 0.900 0.987 0.013 0.100 1.610e-04 0.871 0.984 0.016 0.129 2.063e-04 0.005 0.029 4.762e-05 0.011 0.114 1.791e-04 0.005 0.200 2.925e-04 0.986 0.997 0.003 0.014 2.494e-05 0.914 0.984 0.016 0.086 0.814 0.990 0.010 0.186 0.005 0.143 0.016 0.086 0.010 0.157 0.843 0.990 0.992 0.986 0.971 0.971 0.995 0.989 0.800 0.995 0.857 0.914 1.000 0.929 0.900 0.886 0.886 0.886 k:36 k:36 k:36 txi:10] 9870 9874 txi:10 9882 9884 9891 9903 9880 9881 9871 9873 9883 9885 9894 9895 9866 9868 9872 9876 9877 9878 9879 9886 9887 9888 9889 9890 9892 9886 9897 9898 9899 9901 9902 9867 Exi:10

cat ../../2012/12voicedata/allpole/oob4d:-IN40mbas2:300:1.6:1sX4.ystat
#oob4speakerdigit-tsx sp.fths:fms:mkx:mkr:mk:mmh:mym xx:zero:ichi:ni:san:yon:go:roku:nana:hachi:kyu n
k:36 mbas:2:300:1.6:1 dir:../../2012/12voicedata/allpole di-1 N:40 sX:4 (TP1.000 TX1.000 ER0.000e+00 n600
0.871 0.998 0.002 0.129 1.859e-04 700 0 #TP.TN.FP.FN.ERR.n.txm0 sX4(TP1.000 TX1.000 ER0.000e+00 n600 k:36

296e-04 n600 ER1.204e-04 n600 ER6.790e-05 ER2.438e-04 ER9.568e-05 ER3.395e-05 ER1. ER1. ER4. ERO. SX4(TP0.933 IN0.994 0.914 0.994 0.006 0.086 1.315e-04 700 2 #TD,TN,FP,FN,ERR,n,txm2 sX4(TP0.967 TN0.993 sX4(TP0.933 TN0.989 SX4(TP0.867 IN0.987 TN0.993 0.986 0.997 0.003 0.014 2.494e-05 700 9 #TP,TN,FP,FN,ERR,n,txm9 sX4(TP0.983 TN0.996 996.0NT TN1.000 INO. 983 sX4(TP0.950 SX4(TP0.917 sX4(TP1.000 SX4(TP0. ../../2012/12voicedata/allpole/oob4d:-1N40mbas2:300:1.6:1sx5.ystat 9.297e-05 700 1 #TP, TN, FP, FN, ERR, n, txml 0.743 0.989 0.011 0.257 3.832e-04 700 7 #TP,TN,FP,FN,ERR,n,txm7 0.800 0.990 0.010 0.200 2.993e-04 700 3 #TP,TN,FP,FN,ERR,n,txm3 0.843 0.986 0.014 0.157 2.449e-04 700 4 #TP,TN,FP,FN,ERR,n,txm4 0.129 1.837e-04 700 5 #TP,TN,FP,FN,ERR,n,txm5 700 6 #TP, TN, FP, FN, ERR, n, txm6 0.871 0.978 0.022 0.129 2.154e-04 700 8 #TP,TN,FP,FN,ERR,n,txm8 0.029 8.617e-05 0.057 0.943 0.992 0.008 0.871 1.000 0.000 0.032 0.971 0.968 cat 9913 9915 9907 6066 9910 9911 9912 9914 9916

#oob4speakerdigit+sX sp:fhs:fms:mkk:mkc:mmh:wym tx:zerc:ichi:ni:san:yon:go:roku:nana:hachi:kyu n 235 mbas.23001.6:11 dir:.../.../2012/lackoicedata/allpole d+1 N40 sx. 0.971 0.598 0.002 0.029 4.308e-05 700 0 #Try_NFP,FB,ERX,n,txm0 sx5(FP0.967 TNO.998 ER5.864e-05 n600 ER1.204e-04 n600 ER9.259e-05 n600 ER9.259e-06 .543e-04 ER3.086e-05 025e-05 ER1.481e-04 ER1. ER9. ER8. ERO. 0.886 0.994 0.006 0.114 1.723e-04 700 1 #TP,TN,FP,FN,ERR,n,txml sx5(TP0.933 TN0.994 SX5(TP1.000 TN0.994 SX5(TP0.917 TN0.991 SX5(TP0.983 IN0.998 SX5(TP0.967 IN0.985 SX5(TP0.917 TN0.994 0.886 0.995 0.005 0.114 1.701e-04 700 8 #TP,TN,FP,FN,ERR,n,txm8 sX5(TP0.950 TN0.994 SX5(TP1.000 IN1.000 TWO.991 SX5(TP0.950 0.986 0.989 0.011 0.014 3.628e-05 700 2 #TP,TN,FP,FN,ERR,n,txm2 0.871 0.989 0.011 0.129 1.995e-04 700 3 #TP,TN,FP,FN,ERR,n,txm3 0.114 1.746e-04 700 4 #TP, TN, FP, FN, ERR, n, txm4 0.986 0.994 0.006 0.014 2.948e-05 700 5 #TP,TN,FP,FN,ERR,n,txm5 0.914 0.987 0.013 0.086 1.406e-04 700 6 #TP,TN,FP,FN,ERR,n,txm6 0.914 0.992 0.008 0.086 1.338e-04 700 7 #TP, TN, FP, FN, ERR, n, txm7 1.000 1.000 0.000 0.000 0.000e+00 700 9 #TP,TN,FP,FN,ERR,n,txm9 0.886 0.992 0.008 k:36 9917 txi:10 9918 9919 9920 9921 9923 9924 9925 9926 9927

#oob4gpeakerdigit-sxx sp:fhs:fms:mkk:mkc:mmh:mph:mym tx:zero:ichi.ini:aan:yon:go:roku:nana:hachi:kyu n n ska mbas:2:30011.6:1 dir:.../-2012/112voicedata/allpole d:-1 n 140 sx:6
0.996 0.992 0.008 0.014 3.175e-05 700 9 ffty.hr. Fp.Fst.ERN.ntxm0 sx5(TP0.983 TN0.994 ER3.704e-05 n600 ER1.389e-04 n600 ER7.099e-05 n600 ER1.821e-04 ER9.568e-05 ER3.086e-06 ER2.654e-04 ER4.630e-05 ER2.778e-05 ER9. 0.829 0.998 0.002 0.171 2.472e-04 700 1 #TP,TN,FP,FN,ERR,n,txml sx6(TP0.917 TN1.000 0.857 0.992 0.008 0.143 2.154e-04 700 3 #TP,TN,FP,FN,ERR,n,txm3 sX6(TP0.900 TN0.991 SX6(TP0.950 TN0.993 SX6(TP1.000 TN0.998 0.857 0.987 0.013 0.143 2.222e-04 700 6 #TP,TN,FP,FN,ERR,n,txm6 sX6(TP0.967 TN0.991 SX6(TP0.850 TN0.991 SX6(TP0.983 TN0.989 SX6(TP0.983 IN1.000 TN0.994 sX6(TP1.000 ../../2012/12voicedata/allpole/oob4d:-1N40mbas2:300:1.6:1sx6.ystat 0.086 1.361e-04 700 2 #TP, TN, FP, FN, ERR, n, txm2 0.843 0.984 0.016 0.157 2.472e-04 700 4 #TP,TN,FP,FN,ERR,n,txm4 0.986 0.998 0.002 0.014 2.268e-05 700 5 #TP,TN,FP,FN,ERR,n,txm5 0.800 0.987 0.013 0.200 3.039e-04 700 7 #TP,TN,FP,FN,ERR,n,txm7 0.857 0.990 0.010 0.143 2.177e-04 700 8 #TP,TN,FP,FN,ERR,n,txm8 0.986 0.997 0.003 0.014 2.494e-05 700 9 #TP,TN,FP,FN,ERR,n,txm9 0.914 0.990 0.010 k:36 9928 9929 txi:10 9940 9941 9931 9932 9933 9934 9935 9936 9937 9938 9939

cat ../../2012/12voicedata/allpole/oob4d:-1N40mbas2:3300:1.6:1sX7.ystat
#ob4speakerdigit-sx. sp:fibs:ims:mkk:nmk:mmm tx:zero:idni:ni:aan:yon:go:roku:nana:hachi:kyu n
k:36 mbas2:3300:1.6:1 dir:../../2012/12voicedata/allpole 6:1 N:40 sx.7
0.929 0.930 0.010 0.071 1.156e-04 700 0 #TP.PR.FP.FR.A.ERR.n,txm0 sx7(TPD.929 TNO.990 ERI.156e-04 n700 070e-05 n700 ER9.751e-05 n700 ER1.111e-04 n700 ER1.429e-04 n700 0.929 0.990 0.010 0.071 1.156e-04 700 6 #TP,TN,FP,FN,ERR,n,txm6 sX7(TP0.929 TN0.990 ERI.156e-04 n700 ER9. SX7(TP0.943 TN0.994 TM0.987 sX7(TP0.943 TN0.989 sX7(TP0.943 TN0.979 0.900 1.000 0.000 0.100 1.429e-04 700 5 #TP,TN,FP,FN,ERR,n,txm5 sX7(TP0.900 TN1.000 sX7(TP0.886 0.057 9.070e-05 700 1 #TP, IN, FP, FN, ERR, n, txml 0.114 1.814e-04 700 2 #TP, TN, FP, FN, ERR, n, txm2 0.943 0.989 0.011 0.057 9.751e-05 700 3 #TP,TN,FP,FN,ERR,n,txm3 0.057 1.111e-04 700 4 #TP, TN, FP, FN, ERR, n, txm4 0.943 0.994 0.006 0.013 0.943 0.979 0.021 0.886 0.987 txi:10 k:36 9942 0.92 9943 9944 9945

TN0.998 ER1.695e-0 TNO.995 766.0NI TN1.000 txm1 sX0(TP1.000 TN0.997 TNO.998 TN0.995 866.0NI TM0.995 txm8 sX0(TP0.800 TN0.997 txm9 sX0(TP0.900 TN0.993 txm1 sX0(TP1.000 TN0.995 TM1.000 txm3 sX0(TP0.700 IN1.000 txm4 sX0(TP0.800 TN0.998 txm5 sX0(TP1.000 TN0.995 txm6 sX0(TP1.000 TN0.993 TM0.998 TM0.995 txm7 sX0(TP0.900 TN0.995 766.0NI 1.000 0.997 0.003 0.000 4.141e-06 700 6 7 #TP,TN,FP,FN,ERR,n,sm6 txm7 sX0(TP1.000 TN0.997 WIN0.998 txm5 sX0(TP0.900 1.000 0.990 0.010 0.000 1.449e-05 700 4 6 #TP, TN,FP,FN,ERR,n,sm4 txm6 sX0(TP1.000 000 txm9 sX0(TP1.000 txm0 sX0(TP0.900 txm2 sX0(TP1.000 txm3 sX0(TP1.000 txm4 sX0(TP1.000 txm5 sX0(TP1.000 txm6 sX0(TP1.000 txm0 sX0(TP1.000 txm2 sX0(TP1.000 SX0(TP0.800 202行目付近で195行目のfintestを再定義していた。 SXO(TP1. ##result with rm result_ensrs2gg/tmp/*
#realSmil.994s user4m30.077s sys0mil.3.33/s with rm result_ensrs2gg/tmp/
#realSmil.995s user4m20.161s sys0mil.2.469s with copy pred.dat files
#realSmil.8.245s user4m24.089s sys0mil.3.205s without anything txm7 txm8 1.000 0.997 0.003 0.000 4.141e-06 700 6 0 #TP, TN, FP, FN, ERR, n, sm6 1.000 0.996 0.004 0.000 6.211e-06 700 6 1 #TP,TN,FP,FN,ERR,n,sm6 0.900 0.999 0.001 0.100 1.449e-04 700 4 5 #TP, TN, FP, FN, ERR, n, sm4 0.200 2.899e-04 700 4 7 #TP, IN, FP, FN, ERR, n, sm4 0.000 2.070e-06 700 4 8 #TP, TN, FP, FN, ERR, n, sm4 1.000 1.000 0.000 0.000 0.000e+00 700 4 9 #TP, TN, FP, FN, ERR, n, sm4 0.900 0.999 0.001 0.100 1.449e-04 700 5 0 #TP, TN, FP, FN, ERR, n, sm5 1.000 0.996 0.004 0.000 6.211e-06 700 5 1 #TP, TN, FP, FN, ERR, n, sm5 1.000 0.999 0.001 0.000 2.070e-06 700 5 2 #TP, TN, FP, FN, ERR, n, sm5 0.000 1.242e-05 700 5 3 #TP, TN, FP, FN, ERR, n, sm5 1.000 0.996 0.004 0.000 6.211e-06 700 5 4 #TP, TN,FP,FN,ERR,n,sm5 1.000 0.999 0.001 0.000 2.070e-06 700 5 5 #TP, IN, FP, FN, ERR, n, sm5 1.000 0.996 0.004 0.000 6.211e-06 700 5 6 #TP,TN,FP,FN,ERR,n,sm5 0.900 0.996 0.004 0.100 1.491e-04 700 5 7 #TP, TN, FP, FN, ERR, n, sm5 0.800 0.997 0.003 0.200 2.899e-04 700 5 8 #TP, IN, FP, FN, ERR, n, sm5 0.900 0.994 0.006 0.100 1.511e-04 700 5 9 #TP, TN,FP,FN,ERR,n,sm5 1.000 1.000 0.000 0.000 0.000e+00 700 6 2 #TP, TN, FP, FN, ERR, n, sm6 0.700 1.000 0.000 0.300 4.286e-04 700 6 3 #TP, TN, FP, FN, ERR, n, sm6 0.800 0.999 0.001 0.200 2.878e-04 700 6 4 #TP, TN, FP, FN, ERR, n, sm6 1.000 0.996 0.004 0.000 6.211e-06 700 6 5 #TP, TN, FP, FN, ERR, n, sm6 1.000 0.994 0.006 0.000 8.282e-06 700 6 6 #TP, TN, FP, ERR, n, sm6 0.900 0.999 0.001 0.100 1.449e-04 700 6 9 #TP, TN, FP, FN, ERR, n, sm6 readmecan2mspeech.txt #cat ../12voicedata/allpole/oob4s:-1N40mbas2:10:1.6:1sx3.ystat] oob4speakerdigit+sX.c は変? 正チェック kyu ntxi:10 k:36 mbas:2:10:1.6:1 dir:. 10023 ##result with rm result-ensrsi 10024 #real5m13-994s user4m30, 077s 10025 #real5m12-825s user4m29.161s s ############################### 0.800 0.997 0.003 1.000 0.999 0.001 1.000 0.991 0.009 Jun 19 2021 08:15:37 20140324 kyu ntxi:10 10030 #0.9 # 6 n600) 10000 6 n600) 10001 0 n600) 9996 4 n600) 9997 n600) 9998 n600) 9999 6 n600) 10003 4 n600) 10004 4 n600) 10005 6 n600) 10007 6 n600) 4 n600) 10010 4 n600) 10011 5 n600) 10013 6 n600) 10014 6 n600) 10015 4 n600) 6 n600) 10018 10019 10020 4 n600) 6 n600) 10002 10006 10008 10009 10012 10022 10029 10031

ER2.825e-0 ER8.475e-0 ER1.751e-0 ER3.390e-0 ER1.780e-0 ER8.475e-0 ER3.362e-0 ER1.130e-0 1.000 0.999 0.001 0.000 2.070e-06 700 6 8 #TP,TN,FP,FN,ERR,n,sm6 txm8 sX0(TP1.000 TN0.998 ER2.825e-0 txm9 sX0(TP0.900 TN0.998 ER1.695e-0 #time oob4speakerdigit+sX sp:fhs:fms:mkt:mko:mmt:mym tx:zero:ichi:ni:san:yon:go:roku:nana:hachi: 110 k:36 mbas:21:01-16:1 dir:.././2012/12voicedat-Alipola sr:1 N:40 sx:3 #0.960 0.987 0.013 0.040 7.619e-05 700 0 #Pp:Ymy.Pp:PN.RRR.n.sm0 sxX(TPD:96 TWO.988 ER8.667e-05 n600 ER1.695e-0 #time oob4speakerdigit+sX sp:fhs:fms:mkk:mko:mmt:mnh:mym tx:zero:ichi:ni:san:yon:go:roku:nana:hachi: :10 k:36 mbas:2:10:1.6:1 dir:../../2012/12voicedata/allpole s:-1 N:40 sX:3 ER7.333e-05 n600 #0.980 0.933 0.067 0.020 1.238e-04 700 5 #TD,TN,FP,FN,ERR,n,sm5 sx3(TP0.980 TN0.976 ER7.333e-05 n600 10035 #0.950 0.972 0.028 0.050 1.119e-04 700 6 #TP,TN,FP,FN,ERR,n,sm6 sX3(TP0.950 TN0.984 ER1.100e-04 n600 #mv ../12voicedata/allpole/oob4s:-1N40mbas2:10:1.6:1sx3.y ../12voicedata/allpole/oob4s:-1N40mbas2:10 ER8. SX3(TP0.950 TN0.998 0.037 0.030 9.524e-05 700 2 #TP,TN,FP,FN,ERR,n,sm2 sX3(TP0.970 TN0.986 0.023 0.050 1.048e-04 700 4 #TP,TN,FP,FN,ERR,n,sm4 sX3(TP0.950 TN0.996 0.002 0.050 7.381e-05 700 1 #TP,TN,FP,FN,ERR,n,sml #0.950 0.998 #0.970 0.963 #0.950 0.977 :1.6:1sX3-1.y 10037 修正後 10034 10033

readmecan2mspeech.txt 15:37 98 2021 Jun 192

n600 723e-0 ER3.333e-0 130e-0 169e-0 695e-0 n600 :ni:san:yon:go:roku:nana:hachi:kyu 160e-05 -05 259e-06 ER1. ER3. ER2. ER1. ER2. ER5. ER1 ER1. ER5. ER1. ER1 ER1 ER1 ER1 ER1 ER1 ER1 ER1 000 997 000 000 000 993 995 995 998 998 995 000 000 995 997 995 000 997 998 998 998 993 966 993 TN0.990 366.0NI ER2. ER9 ER9 TNO. UND ONL INI ONL TN0 ONL ONL TNI INI TNI ONL ON. ONL ONI. INI INI TNI ONL ONL ONE. ON. ONL ONL ONI. ON. IN ONL ON. ONL I UNI INI INI .987 .993 994 700 900 900 800 900 900 800 000 000 800 900 000 900 900 000 900 000 000 900 900 900 000 800 000 000 000 900 900 900 000 000 800 000 800 ONI. UNI ONL TPO. TP0. TPO. TPO. TP0. TPO. TPO. TP1. TPO. TP1. TPO. TP1 SXO(TPO. TP1 SX0(TP1. TPO. SX0(TP0. SXO(TPO. SXO(TPO. TP1 SX0(TP1. SX0(TP1. SX0(TP0. TPO. SX0 (TP1. TP1. TPO. TPO. TP1. SX0(TP0. SX0(TP0. TP1 TP1 SX0(TP1 000 950 000) 0X8 sxo (exo () 0xs TP1. TP1. txm0 txm3 Lxm5 txm0 txm2 txm4 txm5 txm1 txm2 txm3 txm4 txm6 txm7 txm8 txm9 txm0 txm1 txm2 txm4 txm6 txm7 txm8 txm9 txm1 txm3 txm5 txm6 txm7 txm8 Exm9 txm0 txm1 txm2 txm3 txm5 txm4) 0Xs exo (SXO (n,sm3 real489#40.883s user394#6.894s sys60m16.338s cat ./12Yoicedata/allpole/oob4sd:-IN40mbas2:300:1.6:lsX0.ystat #oob4speakerdigit-tsX sp:fhs:fms:mkk:mko:mmt:mmh:mym tx:zero:ichi: 136 mbas2:300:1.6:1 dir:../l2Yoicedata/allpole sd:-1 N:40 SX:0 0.818 0.999 0.001 0.182 2.618e-04 700 1 0 #Tp.Tn.Fp.Fn.ERR.n.sml n,sml n,sml n,sm2 n,sm2 n,sm3 , n,sm3 n,sm3 n,sm4 n,sml sm1 ,n,sml sml n,sm2 sm2 n,sm2 n,sm2 n,sm2 n,sm2 n,sm2 n,sm2 n,sm3 n,sm3 n,sm3 n,sm3 n,sm3 n,sm3 ERR, n, sm4 n,sm4 TN, FP, FN, ERR, n, sm4 ERR, n, sm4 n,sml n,sml n,sml n,sm4 txm7 txm9 txm8 'n, 'n, 'n, ERR, ERR ERR ERR FP, FN, , FN, FN, 'n, FN, ,FN, ,FN, , FN, E, TN, FP, FN, , FIN, FN, FP, FN, FN, TN, FP, FN, FIN, FN, FP, FN, FP, FN, E, TN, FP, FN, 0.182 2.618e-04 700 4 5 #TP, TN, FP, FN, , FN, FI, E, FP, FP, FP, FP, 표 FP FP, FP, ,FP, F. FP E, E, E, Ĭ, E, E, E, Ä, E, II, E, Ä, Ä, N. E, Ä, E, E, Ä, N. Ę II, E, Ë Ä, E, #TP, TN, E, E, Ä, HTP, TN HTP, TN HTP, TN 0.273 3.958e-04 700 1 1 #TP, #TP, #TP, 1 4 #TP, 2 4 #TP, 3 4 #TP, #TP, #TP, #TP, #TP, #TP, #TP, #TP, #TP, 4 4 #TP, 2 3 1 3 1 6 2 0 2 8 4 0 4 1 1 2 1 5 700 1 8 1 9 2 1 2 2 700 2 5 9 2 7 700 3 0 700 3 2 700 3 3 9 700 3 7 700 3 9 4 2 700 3 1 700 3 5 700 3 8 4.130e-05 700 7 7 700 1.071e-04 700 2.597e-04 5.361e-04 3.958e-04 -04 2.597e-04 1.299e-04 2.660e-04 2.639e-04 1.361e-04 1.340e-04 2.597e-04 -04 3.896e-04 1.299e-04 1.361e-04 1.319e-04 2.660e-04 2.618e-04 1.382e-04 1.319e-04 3.979e-04 -04 90-660e-04 2.597e-04 1.527e-04 1.319e-04 2.597e-04 1.423e-04 2.597e-04 1.361e-04 3.896e-04 1.568e-04 707e-3.958e-· · 0.016 0.066 0.182 0.091 0.091 0.273 0.182 0.091 0.182 0.091 0.273 0.091 0.091 0.091 0.091 0.273 0.091 0.273 0.273 0.182 0.091 0.182 0.091 0.182 0.182 0.091 0.182 0.182 0.182 0.364 0.000 0.091 0.091 .004 0.004 0.013 0.000 0.000 0.000 0.004 0.003 0.000 0.000 0.000 0.000 0.004 0.001 0.004 900.0 0.000 0.019 0.001 .005 .004 0.001 000 600 000 004 000 004 004 0.003 .003 .001 .001 0.012 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 10107
10108 cat .../12voic.
10109 cat .../12voic.
10110 0.8:36 mbas:2:30
10111 0.8:18 mbas:2:30
10111 0.8:18 0.999 0
10112 0.818 0.996 0
10114 0.818 1.000 0
10115 0.727 0.996 0
10116 0.909 0.996 0
10116 0.909 0.996 0
10116 0.909 0.996 0
10118 0.727 0.996 0
10119 0.818 1.000 0
10119 0.818 1.000 0
10120 0.909 0.999 0
10120 0.909 0.999 0
10121 0.818 0.996 0
10121 0.818 0.997 0
10122 0.818 0.997 0
10123 0.909 0.996 0
10124 0.818 0.997 0
10125 0.909 0.997 0
10126 0.909 0.996 0
10127 0.818 1.000 0
10127 0.818 0.997 0
10128 0.909 0.997 0
10129 0.818 1.000 0
10121 0.818 1.000 0
10121 0.818 0.997 0
10122 0.818 0.997 0
10122 0.818 1.000 0 0.987 1.000 1.000 1.000 966 666 0.994 966 1.000 0.988 666 000 966 994 991 997 994 981 0 0 984 606 606 909 909 10128 10128 10129 10129 10130 10131 10131 10131 10134 10134 10134 10134 10134 10134 10134 10134 | n600) | 10138 | n600) | 10139 | n600) | n10140 | n600) | 10142 | n600) | 10142 10104

```
10178 pAd=0.9;iCs=1;iCd=0;sX=sX:0:1;speakerdigit_v3 fs:../12voicedata/allpole/oob4s:-1N40mbas2:300:1.6:1sX lo.y fd:../12voicedata/allpole/oob4s:-1N40mbas2:300:1.6:1sXi.y nSDi:7:10:10 pmin:0.01 ytm:1:0.9:1000 void:1 gibbs:1 beta:1 sdp:0:0:1:2:3:4:5:6:7:8:9 lT:1 sdT:0:0:1:2:3:4:5:6:7:8:9 ver:-2 pApAdT:0.5:$pAd:15 LAR:0.5:0:0 l0:1:2:3:4:5:6:7:8:9 lT:1 sdT:0:0:1:2:3:4:5:6:7:8:9 ver:-2 pApAdT:0.5:$pAd:15 LAR:0.5:0:0 l0:17
                                                                                                                                                                                                                                                                                                                                                                                   ER2.825e-0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ER1.780e-0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ER3.362e-0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ER8.475e-0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ER1.130e-0
                                                               ER3.390e-0
                                                                                                                          ER2.825e-0
                                                                                                                                                                                                                                                        ER1.695e-0
                                                                                                                                                                                                                                                                                                                                                                                                                                                  ER8.475e-0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ER8.475e-0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ER2.825e-0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ER8.475e-0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ER1.751e-0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ER3.390e-0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ER8.475e-0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ER0.000e+0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ER2.825e-0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ER1.695e-0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LARO.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0 #incorrect speaker involving or not involving s=sX
1 t15 ps0.015U0.011Un0.004Up0.021LC0.003-0.994 iC1000-TR1000:FA0:SR0 C0=TA0:FR0:SA0 pApAd0.5:0.9 LAR0.iCT1:0/5 midlv-2 dA993 pd0.987U0.012Un0.030Up0.003 better FA0<10 #sX:0:0 usevoid:1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           n_sXtest=188-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       t15 ps0.039U0.065Um0.026Up0.138LC0.003-0.994 iC1000=TR1000:FA0:SR0 C0=TA0:FR0:SA0 papad0.5:0.9 LAR0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                C0=TA0:FR0:SA0 pApAd0.5:0.9 LAR0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 C0=TA0:FR0:SA0 pApAd0.5:0.9 LAR0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   5:0:0 icTl:0/5 mid1-2 dA993 pd0.3970.0120m0.0300p0.03 better FA0 #8x0:0 usevoid:0 to Lavovid:0 to Linco.0.032p0.10100.TS9991518RO Carp.0:propress papado.5:0.9 Lako. 1:0:0 icTl:0/5 mid1y-2 dA811 pd0.88400.2170m0.4490p0.104 OK FA1-10 #8x1:0:1 usevoid:0 to Lavovid:0 to Lavovid:0
                                                                                                                                                                                                                                                                                                                   ER5.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ERS.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      .077Um0.032Up0.161LCO.003-0.994 iC1000=TR9999:FA1:SRO CO=TA0:FR0:SAO pApAd0.5:0.9 dA811 pd0.884U0.217Um0.449Up0.104 OK FA1<10 #sX:0:1 usevoid:1 FA1 for n_sxtes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SX0(TP1.000 TN0.998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SX0(TP1.000 TN0.993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0.909 0.909 0.001 0.091 1.319e-04 700 6 9 #TP,TN,FP,FN,ERR,n,sm6 txm9 sX0(TP0.900 TN0.998
                                                               SX0(TP0.800 IN0.997
                                                                                                                      SX0(TP1.000 IN0.998
                                                                                                                                                                                         TM1.000
                                                                                                                                                                                                                                                        1NO.998
                                                                                                                                                                                                                                                                                                                   TN0.997
                                                                                                                                                                                                                                                                                                                                                                               SX0(TP1.000 IN0.998
                                                                                                                                                                                                                                                                                                                                                                                                                                              TNO.995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SX0(TP1.000 TN0.995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SX0(TP1.000 TN0.995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SX0(TP0.900 TN0.995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SX0(TP0.800 IN0.997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SX0(TP0.900 TN0.993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TN0.997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SX0(TP1.000 TN0.995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SX0(TP1.000 IN1.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TN1.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SX0(TP0.800 TN0.998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SX0(TP1.000 TN0.995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SX0(TP1.000 IN0.997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0.001 0.091 1.319e-04 700 6 8 #TP,TN,FP,FN,ERR,n,sm6 txm8 sX0(TP1.000 TN0.998
   SX0(TP1.000
                                                                                                                                                                                                                                                                                                                                                                                                                                              SX0(TP1.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SX0(TP1.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SX0(TP0.700
                                                                                                                                                                                         SX0(TP1.000
                                                                                                                                                                                                                                                        SX0(TP0.900
                                                                                                                                                                                                                                                                                                                   SX0(TP1.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                iC1000=TR1000:FA0:SR0 C0=TA0:FF
94 #SX:0:1 n_SXtest=161 FA0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     #sX:0:1 n_sXtest=166
                                                           0.727 0.997 0.003 0.273 3.938e-04 700 4 7 #TP,TN,FP,FN,ERR,n,sm4 txm7
                                                                                                                                                                                                                                                                                                                                                                               0.001 0.091 1.319e-04 700 5 2 #TP,TN,FP,FN,ERR,n,sm5 txm2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             700 5 4 #TP, TN, FP, FN, ERR, n, sm5 txm4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            700 5 5 #TP, TN, FP, FN, ERR, n, sm5 txm5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0.818 0.994 0.006 0.182 2.680e-04 700 5 9 #TP,TN,FP,FN,ERR,n,sm5 txm9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           700 6 1 #TP, TN, FP, FN, ERR, n, sm6 txml
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    700 6 5 #TP, TN, FP, FN, ERR, n, sm6 txm5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0.909 0.994 0.006 0.091 1.382e-04 700 6 6 #TP, TN, FP, FN, ERR, n, sm6 txm6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  700 6 7 #TP, TN, FP, FN, ERR, n, sm6 txm7
   1.444e-04 700 4 6 #TP, TN, FP, FN, ERR, n, sm4 txm6
                                                                                                                          700 4 8 #TP, TN, FP, FN, ERR, n, sm4 txm8
                                                                                                                                                                                                                                                    5 0 #TP, TN, FP, FN, ERR, n, sm5 txm0
                                                                                                                                                                                                                                                                                                                   700 5 1 #TP, TN, FP, FN, ERR, n, sm5 txm1
                                                                                                                                                                                                                                                                                                                                                                                                                                              700 5 3 #TP, TN, FP, FN, ERR, n, sm5 txm3
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                                                                                                                                                                                         700 4 9 #TP, TN, FP, FN, ERR, n, sm4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     5:0:0 iCT1:1/5 midlv-2 dA806 pd0.876U0.200Um0.426Up0.093
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5:0:0 iCT1:2/5 midlv-2
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eadmecan2mspeech.txt
Jun 19 2021 08:15:37
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10200 L15 ps0.01800.0660m0.0080p0.3731c0.003-0.594 iC1000=TR998:FR2:SR0 CG=TR0:FR0:SR0 papad0.5:0.9 LAR0.5 0:0 iCT1:1/5 mid1v-2 dA655 ps0.78310.3480m0.5255p0.205 #8x1:0.1 usevoid:1 n_strest=166 FR2 10.006 CG=TR0:0.00 CG=TR0:0.000 CG=TR0:0.
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u ntxi:10 k:36 mbas:2:300:1.6:1 dix:../l2voicedata/allpole s:-1 N:40
10242 #fs=fs:../l2voicedata/allpole/oob4s:-1N40mbas2:300:1.6:1.y; #file name of y of speaker for iconip201
.5:0:0 iCTO:1/5 midlv-2 dA771 pd0.920U0.144Um0.271Up0.070 PA755
10210 t15 ps0.95tU0.120Um0.44TUp0.02ELCO.004-0.994 iC1000=TR456:FA550:SRO CO=TA0:FR0:SAO papado.5:0.9 LARO
5:0:0 iCTO:2/5 midlv-2 dA557 pd0.792U0.291Um0.383Up0.193 NG PA550
10211 t15 ps0.952U0.149Um0.544Up0.03TLCO.004-0.994 iC11000=TR768:FA232:SRO CO=TA0:FR0:SAO papado.5:0.9 LARO
10211 t15 ps0.952U0.149Um0.544Up0.03TLCO.004-0.994 iC11000=TR768:FA232:SRO CO=TA0:FR0:SAO papado.5:0.9 LARO
5:0:0 iCTO:3/5 midlv-2 dA236 pd0.513U0.395Um0.438Up0.356 FA232 NG
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10:01 cf0:05 mid3-2 dA0 pd0.03200.01000.022 sx:0:0
10217 t15 ps0.07200.0880m0.0440p0.169LC0.002-0.999 iC1000=TR1000:PA0:SR0 C0=TA0:PR0:SA0 pApado.5:0.9 LARO.
5:0:0 iCT1:0/5 mid3-2 dA0 pd0.07200.0880m0.0440p0.169 ax:0:1 n_sxtest=188
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            10207 #correct speaker 10208 tis ps0.95500.1230m 4880p0.029LC0.004-0.994 iC1000-TR9.850 C1000=TA969:FR31:SA0 pApad0.5:0.9 LAR0.5:0.0 iC70:0.05 mid1y-2 das86 pd0.95500.0500m0.4100p0.0500m0.7100p0.0500m0.10200 tis ps0.95500.1410m0.5400p0.034LC0.004-0.994 iC1000-TR245:FR755:SR0 C0=TA0:FR0:SA0 papad0.5:0.9 LAR0
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10219 t15 ps0.98BUO.0055mm0.012Dp0.012C0.035-0.999 iCC=TR0:FA0:SR0 C1000=TA1000:FR0:SA0 pApAd0.5:0.9 LAR0.
5:0:0 iCTD:0/5 mid3v-2 dA1000 pd0.98BUO.005Um0.012Up0.001
10220 t15 ps0.973U0.0231mm0.040Up0.010LCO.002-0.999 iCC1000=TR26:FA974:SR0 C0=TA0:FR0:SA0 pApAd0.5:0.9 LAR0.
5:0:0 iCTD:1/5 mid3v-2 dA974 pd0.973U0.023Um0.040Up0.010
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10204 t15 ps0.02400.0999m0.0144pp.531LC0.003-0.994 iC1000=TR995:FA5:SR0 C0=TA0:FR0:SA0 pApAd0.5:0.9 I
10:00 iCT1:0/5 mid1v-2 dA794 pd0.80700.3690m0.7290po.133 #sx5:01 usevoid:1 n_sXtest=188 FA2
10:05 t15 ps0.01800.0660m0.0084pp.373LC0.003-0.994 iC1000=TR998:FA2:SR0 C0=TA0:FR0:SA0 pApAd0.5:0.9 I
10:05 t15 ps0.01800.0660m0.0084pp.373LC0.003-0.994 iC1000=TR998:FA2:SR0 C0=TA0:FR0:SA0 pApAd0.5:0.9 I
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              10221 t15 ps0.87600.0710m0.1080p0.041LCO.002-0.999 iC1000=TR531:FA469:SR0 C0=TA0:FR0:SA0
10222 t15 ps0.53800.1170m0.130Up0.104LCO.002-0.999 iC1000=TR531:FA469:SR0 C0=TA0:FR0:SA0
10222 t15 ps0.53800.1170m0.130Up0.104LCO.002-0.999 iC1000=TR1000:FA469 #pad=0.95
10222 t15 ps0.53800.1170m0.130Up0.104LCO.002-0.999 iC1000=TR1000:FA69*SR0 C0=TA0:FR0:SA0 J
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       iCT0:2/5 mid3v-2 dA9 pd0.876U0.071Um0.108Up0.041 seems OK FA9
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, ERR , n , dm1
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, ERR , n , dm5
../12voicedata/allpole/oob4s:-1N40mbas2:300:1.6:1.ystat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  97 #loo4speakerdigit+ sp:fhs:fms:mkk:mko:mmt:myh:mym tx:zero k:36 dir:...12voiecadara[a1]cole di-1 Pr300 sx:-1-13 ps: 0.229 0.978 0.022 0.071 1.338e-04 700 0 #TP.TN.FP.FW.ERK. 99 0.786 0.986 0.014 0.214 3.265e-04 700 1 #TP.TN.FP.FW.ERK. 90 0.897 0.025 0.143 2.466e-04 700 1 #TP.TN.FP.FW.ERK. 91 0.671 0.995 0.040 0.329 5.261e-04 700 3 #TP.TN.FP.FW.ERK. 92 0.807 0.043 0.239 5.261e-04 700 3 #TP.TN.FP.FW.ERK. 92 0.807 0.057 0.033 0.209 3.333e-04 700 4 #TP.TN.FP.FW.ERK. 94 0.003 0.057 0.017 0.479 0.017 0.678 0.17e-05 0.003 0.057 0.017e-05 0.003 0.057 0.017e-05 0.003 0.057 0.003 0.057 0.003 0.057 0.003 0.057 0.003 0.057 0.003 0.057 0.003 0.057 0.003 0.057 0.003 0.057 0.003 0.057 0.003 0.057 0.003 0.057 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10297 #loc
i:10 k:36 di
10298 0.92
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10350 real1289m23.012s userz6m18.379s sys23m22.824s
10351 cat .../12voicedataAllploel.104s:.lmdkS7DiDLIDLOSXO.ystat
10352 #loo4speakerdigit+ sp:fhs:fms:mks:mks:mks:mmh:mym tx:zero:ichl:ni:san:yon:go:roku:nana:hachi:kyu ntx
1100 k:36 dir:../12voicedata/allploel s:-1 N:40 sx:0 ops:y:-1:1
10353 0.75000 0.90333 0.90667 0.25000 4.5238e-04 7.00 1 #TP.TN.FP.FN.ERR.n.sml
10354 0.61000 0.86500 0.13500 0.39000 7.50000e-04 700 2 #TP.TN.FP.FN.ERR.n.sml
10355 0.6000 0.85000 0.15000 0.27000 6.01000e-04 700 2 #TP.TN.FP.FN.ERR.n.sml
10355 0.62000 0.85000 0.15000 0.41000 84.28578-04 700 5 #TP.TN.FP.FN.ERR.n.sml
10350 0.6200 0.86000 0.15000 0.4100 84.28578-04 700 6 #TP.TN.FP.FN.ERR.n.sml
10350 0.6200 0.8000 0.13067 0.38000 7.38000 7.38000 0.4100 8 #TP.TN.FP.FN.ERR.n.sml
10350 0.5000 0.8000 0.1500 0.1400 8 4.28578-04 700 6 #TP.TN.FP.FN.ERR.n.sml
10350 0.5000 0.1200 0.13067 0.13060 0.54000 8.73000 0.4100 8 #TP.TN.FP.FN.ERR.n.sml
10350 0.5000 0.8000 0.1200 0.1306 0.13060 0.38000 0.38000 0.38000 0.38000 0.38000 0.38000 0.38000 0.38000 0.38000 0.38000 0.38000 0.38000 0.38000 0.38000 0.38000 0.38000 0.38000 0.4100 8 #TP.TN.FP.FN.ERR.n.sml
10350 0.5000 0.8000 0.12067 0.59000 0.4100 8 #TP.TN.FP.FN.ERR.n.sml
10351 0.5000 0.1200 0.1306 0.1306 0.3000 0.3000 0.3000 0.4100 8 #TP.TN.FP.FN.ERR.n.sml
10362 #loo4speakerdigit+ sp:fhs:fms:mkk:mkc:mmh:mym tx:zero:ichl:ni:san:yon:go:roku:nana:hachi:kyu ntx
11.00 k:36 dir:../Zoricedata/allpole-1000 s:00 ps:y:-1:1
10364 #loo4speakerdigit+ sp:fhs:fms:mkk:mkc:mmh:mym tx:zero:ichl:ni:san:yon:go:roku:nana:hachi:kyu ntx
11.00 k:30 do:00 0.335 0.065 0.400 6.440 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.540 0.54
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10332 #loo4speakeradigit+ sprins:fins:misk:nko:mmt.imni:myn xx:sero:ichi:ni:san:yon:go:roku:nana:hachi:kyu ntx
1:10 kx:36 dir:../12voicedata/allpole dir7 N:300 xx:0 ops:y:-1:1
1010 kx:36 dir:../12voicedata/allpole dir7 N:300 xx:0 ops:y:-1:1
10333 0.571 0.959 0.041 0.429 6.712e-04 700 7 #TP.TN.FP.FN.FR.n.dm7 sXO(TPO.667 TNO.952 ER6.358e-04 n600)
10334 oct ../12voicedata/allpole/loo4d:7N200S7D10L10SXO.ystat
10334 det ../12voicedata/allpole/loo4d:7N200sTD10L10SXO.ystat
10335 dird.cospeakeradigit+ sprins:fins:misk:nko:mkr:mcimi:myn tx:sero:ichi:ni:san:yon:go:roku:nana:hachi:kyu ntx
1:10 kx:36 dir:../12voicedata/allpole dir7 N:200 xx:0 ops:y:-1:1
10356 0.586 0.952 0.038 0.414 6.463e-04 700 7 #TP,TN,FP,FN,ERR.n.dm7 sXO(TPO.683 TNO.957 ER5.988e-04 n600)
smaller ERR for dm7?
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   10313 time loodspeakerdigit+ sp.fihs:fins:makrako:murimin turn tx:zero:ichi:ni:san:yon:go:roku:nana:hachi:kyu
10314 time loodspeakerdigit+ sp.fihs:fins:makrako:murimin turn tx:zero:ichi:ni:san:yon:go:roku:nana:hachi:kyu
10314 time loodspeakerdigit+ sp.fihs:fins:makrako:murimin turn tx:zero:ichi:ni:san:yon:go:roku:nana:hachi:kyu
10315 time loodspeakerdigit+ sp.fihs:fins:makrako:murimin turn tx:zero:ichi:ni:san:yon:go:roku:nana:hachi:kyu
10315 time loodspeakerdigit+ sp.fihs:fins:makrako:murimin turn:murimin tx:zero:ichi:ni:san:yon:go:roku:nana:hachi:kyu
10315 time loodspeakerdigit+ sp.fihs:fins:makrako:murimin tx:zero:ichi:ni:san:yon:go:roku:nana:hachi:kyu
10315 time loodspeakerdigit+ sp.fihs:fins:makrako:murimin tx:zero:ichi:ni:san:yon:go:roku:nana:hachi:kyu
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10367 0.650 0.923 0.077 0.350 6.095e-04 700 5 #TP,TN,FP,FN,ERR,n,sm5 sx0(TP0.650 TN0.936 ER6.900e-04 n600)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 10318 cat ../12voicedata/allpole/loo4di-lN350S7DlDLl0sXO.ystat
1100 k:36 dir:../12voicedata/allpole/loo4di-lN350S7DlDLl0sXO.ystat
1100 k:36 dir:../12voicedata/allpole/loo4di-lN350S7DlDLl0sXO.ystat
1100 k:36 dir:../12voicedata/allpole di-lN350S7DlDLl0sXO.ystat
1100 k:36 dir:../12voicedata/allpole di-lN350s7DlDLl0sXO.ystat
10320 0.800 0.991 0.019 0.200 3.1299=0.4 700 1 #TP.TN.FP.FN.ERR.n.dml sXO(FPD.93 TNO.993 ERL.389e-04 n60
10321 0.743 0.931 0.027 0.257 4.059e-04 700 1 #TP.TN.FP.FN.ERR.n.dml sXO(FPD.93 TNO.997 ER4.105e-04 n60
10323 0.744 0.948 0.052 0.286 4.388e-04 700 2 #TP.TN.FP.FN.ERR.n.dml sXO(FPD.767 TNO.957 ER4.599e-04 n60
10324 0.786 0.990 0.000 0.214 4.059e-04 700 3 #TP.TN.FP.FN.ERR.n.dml sXO(FPD.797 TNO.993 ER9.586e-04 n60
10325 0.957 0.994 0.006 0.043 7.029e-05 700 5 #TP.TN.FP.FN.ERR.n.dml sXO(FPD.990 TNO.993 ER9.568e-05 n60(
10325 0.586 0.983 0.017 0.414 6.168e-04 700 6 #TP.TN.FP.FN.ERR.n.dml sXO(TPD.993 TNO.993 ER9.568e-05 n60(
10327 0.586 0.983 0.017 0.444 6.189e-04 700 7 #TP.TN.FP.FN.ERR.n.dml sXO(TPD.957 TNO.993 ER9.568e-05 n60(
10327 0.596 0.993 0.017 0.444 6.189e-04 700 7 #TP.TN.FP.FN.ERR.n.dml sXO(TPD.657 TNO.993 ER9.566-0-04 n60(
10327 0.596 0.993 0.017 0.444 6.189e-04 700 7 #TP.TN.FP.FN.ERR.n.dml sXO(TPD.657 TNO.995 ERE.574e-04 n60(
10327 0.557 0.957 0.043 0.443 6.399e-04 700 7 #TP.TN.FP.FN.ERR.n.dm sXO(TPD.657 TNO.995 ERE.574e-04 n60(
10327 0.557 0.957 0.043 0.443 6.399e-04 700 7 #TP.TN.FP.FN.ERR.n.dm sXO(TPD.657 TNO.995 ERE.574e-04 n60(
10327 0.557 0.957 0.043 0.443 6.399e-04 700 7 #TP.TN.FP.FN.ERR.n.dm sXO(TPD.657 TNO.995 ERE.574e-04 n60(
10327 0.596 0.993 0.007 0.0043 0.443 6.399e-04 700 7 #TP.TN.FP.FN.ERR.n.dm sXO(TPD.650 TNO.995 ERE.574e-04 n60(
10327 0.596 0.993 0.007 0.0043 0.0043 0.0043 0.0043 0.0043 0.0043 0.0043 0.0043 0.0043 0.0043 0.0043 0.0043 0.0043 0.0043 0.0043 0.0043 0.0043 0.0043 0.0043 0.0043 0.0043 0.0043 0.0043 0.0043 0.0043 0.0043 0.0043 0.0044 0.0044 0.0044 0.0044 0.0044 0.0044 0.0044 0.0044 0.0044 0.0044 0.0044 0.0044 0.0044 0.0044 0.0044 0.0044 0.0044 0.0044 0.0044 
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10340 kuro@kwrtoalab-VBH-V5can2b5 care 1.12voicedata/allpole/loo4s:-IN350S7D10L10sX0.ystat
10341 #loo4sgreakerdigit+ gp:ffbs:fms:mks:mkc:mmt:mxx:zero:ichi:ni:san:yon:go:roku:nana:hachi:kyu r
11010 k:36 dir:../12voicedata/allpole s:-1 N:350 sX:0 ops:y:-1:1
10342 0.800 0.955 0.045 0.2200 3.500e-04 700 1 #TP-XN.FR.N. msml sX0(TPD.800 TNO.994 ER3.433e-04 n66
10343 0.744 0.595 0.045 0.200 3.500e-04 700 2 #TP-XN.FR.N. msml sX0(TPD.740 TNO.995 ER5.167e-04 n66
10344 0.670 0.887 0.113 0.330 6.333e-04 700 2 #TP-XN.FP.FN.ERR.n. sm3 sX0(TPD.740 TNO.995 ER6.967e-04 n66
10345 0.780 0.925 0.075 0.220 4.214e-04 700 4 #TP-XN.FP.FN.ERR.n. msm sX0(TPD.780 TNO.994 ER4.267e-04 n66
10346 0.660 0.915 0.085 0.340 6.071e-04 700 4 #TP-XN.FP.FN.ERR.n. msm sX0(TPD.780 TNO.942 ER5.467e-04 n66
10347 0.730 0.938 0.062 0.270 4.738e-04 700 6 #TP-XN.FP.FN.ERR.n. sm6 sX0(TPD.730 TNO.942 ER5.467e-04 n66
10349
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ER3.086e-05
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TNO.998
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,ERR,n,dm7
,ERR,n,dm8
,ERR,n,dm9
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10329 0.843 0.997 0.003 0.157 2.290e-04 700 9 #TD,TN,FP,FN,ERR,n,dm9
       #TP,TN,FP,FN,I
| #TP,TN,FP,EN,I
| #TP,TN,FP,EN,I
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       r & 0
       0.400 6.508e-04 700
0.400 6.077e-04 700
0.014 3.175e-05 700
0.056
       0.600 0.944 0
0.600 0.975 0
0.986 0.992 0
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10368 #loodspeakerdigit+ sp:fhs:fms:mkk:mko:mmt:mnh:mym tx:zero:ichl:nl:san:yon:go:roku:nana:hachl:kyu ntxilok:sd fiir:.,12xo:cedata-dilpole.sr: N 1350 xs: 0 ops:y:-1:1 ***min.BRR
10369 0.660 0.915 0.085 0.340 6.071a-04 700 5 #FP:7N:PF.PN:BRE:n.sms: 5x(0:PD:660 TNO.930 ER6.833a-04 n600)
10370 #loodspeakerdigit+ sp:fhs:fms:mkk:mko:mmt:mmh:mym tx:zero:ichl:nl:san:yon:go:roku:nana:hachl:kyu ntx

i:10 k:36 dir:../12voicedata/allpole s:5 N:400 sX:0 ops:y:-1:1

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10452 #7970.67000 0.90500 0.03000 6.07143e-04 700 6 #TP.TW.FP.FW.ERR.N.Sm6
10453 #727#loo4speakerdigit+ spifhs tx:zero ntxi:10 k:36 dir:../12voicedata/allpole s:6 N:200 sx:0 ops:y:-
101
10454 #7970.71000 0.93167 0.06833 0.29000 5.11905e-04 700 6 #TP.TW.FP.FW.ERR.N.Sm6
10455 #7970.71000 0.93167 0.06833 0.29000 5.11905e-04 700 6 #TP.TW.FP.FW.ERR.N.Sm6
10456 #7972.201440m20.7978 user28m21.286s sys34m44.4544s cat ../12voicedata/allpole/loo4d:-INZ0S7D10L10sX0.y
10456 #7972.2014 0.93492 0.06508 0.34286 5.82766e-04 700 #TP.TW.FP.FW.FRR.N.txm1
10459 #7970.5714 0.93492 0.06508 0.34286 5.82766e-04 700 #TP.TW.FP.FW.FRR.N.txm1
10459 #7970.64286 0.91746 0.08354 0.35714 6.28118e-04 700 #TP.TW.FP.FW.FRR.N.txm1
10461 #7970.5587 0.88899 0.11111 0.50008 8.73016e-04 700 #TP.TW.FP.FW.FRR.N.txm1
10462 #7970.5587 0.88899 0.11111 0.50008 8.73016e-04 700 #TP.TW.FP.FW.FRR.N.txm1
10464 #7970.64280 0.3429 0.48679 0.48714 8.43576e-04 700 #TP.TW.FP.FW.FRR.N.txm1
10464 #7970.65000 0.08989 0.11110 0.50008 8.73016e-04 700 #TP.TW.FP.FW.FRR.N.txm6
10464 #7970.65000 0.3429 0.48679 0.48713 3.15139e-04 700 #TP.TW.FP.FW.FRR.N.txm6
10464 #7970.6000 0.88889 0.11111 0.50008 8.73016e-04 700 #TP.TW.FP.FW.FRR.N.txm6
10464 #7970.80000 0.9952 0.10994 0.50000 8.73016e-04 700 #TP.TW.FP.FW.FRR.N.txm6
10464 #7770.81429 0.56508 0.13429 0.40000 7.64172e-04 700 #TP.TW.FP.FW.FRR.N.txm6
10466 #7770.80000 0.9952 0.09048 0.40000 7.60160e-04 700 #TP.TW.FP.FW.FRR.N.txm6
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                                                                                                                            #???time loo4speakerdigit+ sp:fhs:fms:mkk:mko:mmt:mnh:mym tx:zero:ichi:ni:san:yon:
                                                                                      dir:../12voicedata/allpole
                                                                                                                                                                                                                                                                                                                                                                                                                                                              0 6 #TP,TN,FP,FN,ERR,n,sm6 dir:../l2voicedata/allpole
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      dir:../12voicedata/allpole
#2220.74000 0.87167 0.12833 0.26000 5.54762e-04 700 4 #TP,TN,FP,FN,ERR,n,sm4 #2720.63000 0.82167 0.1783 0.37000 9.8333a-04 700 5 #TP,TN,FP,FN,ERR,n,sm5 #P2720.58000 0.805500 0.19500 0.42000 8.78571e-04 700 6 #TP,TN,FP,FP,FN,ERR,n,T,m6
                                                                                                                                                                                                                                                                                           10445 #???0.58000 0.80500 0.19500 0.42000 8.78571e-04 700 6 #TP,TN,FP,FN,ERR,n,
10446 #???Ploat ..17xvicedata/Allpole/LosesT0R20501DL1080xy.ystat
10447 #???Ploatexexdigit+ sp:fbs tx:zero mxxi:10 ki36 dix:../l2voicedata/all
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                #TP, TN, FP, FN, ERR, n,
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#???#loo4speakerdigit+ sp:fhs tx:zero ntxi:10 k:36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      #???#loo4speakerdigit+ sp:fhs tx:zero ntxi:10 k:36
                                                                                                                                                                                                                                                                                                                                                                                                                   :2 r:2:1:0
10448 #???
10449 #???
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#ics=0; icd=2; #ics=0; icd=3; #ics=0; icd=4; iCs=1; iCd=1; iCs=1; iCd=0; iCs=0; iCd=1; iCs=0; iCd=0; 10475 10476 10477 10479 10480 10481 10482 10482 10483 10483

10485 pad=0.96/iCs=0/iCd=0/speakerdigit_v3 fs:../12voicedata/allpole/loo4s:-IN40S7D10L10sX0.y fd:../12voic deata/allpole/loo4s:-IN40S7D10L10sX0.y fd:../12voic deata/allpole/loo4di-IN40S7D10L10sX0.y fd:../12voic deata/allpole/loo4di-IN40S7D10L10sX0.y fd:../12voic deata/allpole/loo4di-IN40S7D10L10sX0.y fd:../12voic deata/allpole/loo4di-IN40S7D10L10sX0.y fs:../18.9 fd:../18.9 fd:../18. #iCs=0; iCd=5;

10490 pad=0.6;iCs=0;iCd=0;speakerdigit_v3 fs:../lZvoicedata/allpole/loo4s:-lN40S7DI0L10sX0.y fd:../lZvoice data_allpole/loo4s:-lN40S7DI0L10sX0.y fd:../lZvoice data_allpole/loo4d:-lN40S7DI0L10sX0.y nSDL:?:10:10 pmin:0.01 ytm:1:0.9:1000 void:1 gibbs:1 beta:1 sdP:0:01:23:45:56:18:9 ltr1 sdT:0:0:1:2:3:45:56:7:8:9 ver:-2 papadT:0.5:\$pad:15 LaR:0.5:0:0 test:5:1000:\${1Cs}:\${1C};5 SX:0 usevoid:1 10489

pApAd0.5:0.6 LAR0 pApAd0.5:0.6

papad0.5:0.6 LAR0 10491 t15 ps0.581U0.103Um0.113Up0.093LCO.102-0.875 iCO=TR0:FR0:SRO C1000=TA767:FR233:SAO 1.2.01 iCTO*O/5 mid14v-2 day70 ps0.859U0.039Um0.1349Lp0.058 #psAd=0.6.162=0.103e=

10495

) iCTO:0/5 midlv-2 da412 pd0.859U0.093Um0.134Up0.058 #pad=0.9;iCs=0;iCd=0; 5 t15 ps0.577U0.103Um0.111Dp0.095LC0.102-0.875 iC10000-TR983:FRAL7:SRO CO-TRO:FRR0:SAO pApado.5:0.9 LARO. iCTO:1/5 midlv-2 dA18 pd0.757U0.103Um0.131Up0.077 #pad=0.9;iCs=0;iCd=1; 7 t15 ps0.575U0.103Um0.113Up0.094LC0.102-0.875 iC1000-TRJ000:PAD.SRO CO-TRA0:FR0:SAO papado.5:0.9 LARO.

Page 162

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 10517
10518 speakerdigit_v3 fs:../12voicedata/allpole/loo4s:-lN300S7DlOLlOsXO.y fd:../12voicedata/allpole/loo4d:
-lN300S7DlOLlOsXO.y nSDL:7:10:10 pmln:0.01 ytm:1:0.9:1000 void:1 gibbs:1 beta:1 sdP:0:0:1:2:3:4:5:6:7:8:9 lT
:1 sdT:0:0:1:2:3:4:5:6:7:8:9 ver:-2 pApAdT:0.5:0.96:15 LAR:0.5:0:0 test:5:1000:${iCa}:${iCd}:5 sX:0 usevoid:
1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        10521 #speakerdigit_v3 fs:../12voicedata.allpole/loo4s:-IN20S7D10L10sX-0-y fd:../12voicedata.allpole/loo4 di-N20S7D10L10sX-0-y robi:-710110 pmin.e.01 yenril:0.911000 void:1 gibbs:1 beta:1 sd1:0.01:123:445:6778:9 tr:1 sd7:0:01:123:445:6778:9 ver:-2 papadr0 yenril:0.5:0.9615 Language gibbs:1 brooms;{constraint gibbs:1 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               10526 emacs tmp/testsd.dat
10527 #cf loo4gibbs-sr fn:../mineishi/text-indepdata.dat ns:5 ntxi: 10:7 pmin:0.05 pth:.7 ts:4:0:3:11:
2 tdisp:4 beta:.6 PNr:.8 void:1 gibbs:1 mex:0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             10519 t15 ps0.424U0.000Um0.000Up0.000LC0.500-0.500 iCO=TR0:FA0:SR0 C1000=TA0:FR1000:SA0 pApAd0.5:0.96 LAR0
.5:0:0 iCT0:0/5 mid1v-2 dA0 pd0.424U0.000Um0.000Up0.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                10542 rea1870m5.292s user38m40.389s sys30m7.305s for cat ../12voicedata/allpole/1oo4d:-1N40s7D10L10sX0.yst
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    at Dy yuka
10543 #loo4speakerdigit+ sp:fhs tx:zero ntxi:10 k:36 dir:../l2voicedata/allpole di-l N:40 sX:0
10543 #loo4speakerdigit+ sp:fhs tx:zero ntxi:10 k:36 dir:../l2voicedata/allpole di-l N:40 sX:0
10544 0.80000 0.93375 0.00625 0.20000 2.94643e-04 700 0 #TP,TN.FP,FN,FRR.n,txm0
10545 0.78333 0.96624 0.03906 0.21667 3.63527e-04 700 1 #TP,TN,FP,FN,FRR.n,txm1
10546 0.68333 0.96562 0.03438 0.31667 5.01488e-04 700 2 #TP,TN,FP,FN,FRR.n,txm3
10548 0.71667 0.94519 0.05781 0.28333 4.9751e-04 700 4 #TP,TN,FP,FN,FRR.n,txm4
10549 0.81667 0.9769 0.02031 0.18333 2.9092e-04 700 5 #TP,TN,FP,FN,FRR.n,txm5
10550 0.61667 0.95781 0.04219 0.38333 6.07887e-04 700 6 #TP,TN,FP,FN,FRR.n,txm7
10551 0.65000 0.93125 0.06875 0.35000 5.98214e-04 700 7 #TP,TN,FP,FN,FRR.n,txm7
::0:0 iCT0:2/5 midlv-2 dA0 pd0.601U0.110Um0.128Up0.094
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2013/10/24
(1) loodspeakerdigit+
オプション 未登録語者 sx:0,..., sx:6
その他はoobdspeakerdigit+と同じ
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Jun 19 2021 08:15:37 readmecan2mspeech.txt

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10552 0. 68131 0. 20121 0. 10121 0. 10157 1. 10122-64 70 9 FFF TATE TO PER PRINCE ACCORDANGE AND ACCORDANGE AND
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10690 (1)E ps0.035U0.042Um0.016Up0.070LC0.002-0.999 iC10000=TR10000:PR0:SR0 C0=TR0:FR0:SR0 papad0.5:0.96 LA R.6.500 iC1T:0/5 mid3A-2 dab pad0.5:0.042Um0.016Up0.070 LOLGUPO.070 LOLGUPO.070 (2)Us ps0.979U0.048Um0.12ZDp0.01LC0.02Z-0.999 iC10FTR0:SR0 C1000=TR4918:FR82:SR0 papad0.5:0.96 LA R.0.5:0.01CT0:0.05 mid3A-2 daba18 pad0.979U0.048Um0.12ZDp0.011 LC0-1999 iC1000=TR47:FR543:SR0 C0=TR0:FR0:SR0 papad0.5:0.96 LA RR0.5:0.01 CTT0:0.15 mid3A-2 daba18 pad0.979U0.09ZUm0.18GUP0.03TUC0:002C-0.999 iC10000=TR47:FR543:SR0 C0=TR0:FR0:SR0 papad0.5:0.96 LA RR0.5:0.01 iCT0:1.15 mid3A-2 daba3 pad0.932U0.09ZUm0.18GUP0.03TU 0.00ZC000-0.999 iC10000=TR995:FR5:SR0 C0=TR0:FR0:SR0 papad0.5:0.96 LAR 10593 (4)E5 ps0.98GU0.16GUP0.24ZPp0.10UCC.00ZC-0.999 iC10000=TR995:FR5:SR0 C0=TR0:FR0:SR0 papad0.5:0.96 LAR 10693 (4)E5 ps0.98GU0.16GUP0.24ZPp0.10UCC.00ZC-0.999 iC10000=TR1000:PR0:SR0 C0=TR0:FR0:SR0 papad0.5:0.96 LAR 10694 (5)E5 ps0.484U0.18IUm0.204Up0.159LC0.002-0.999 iC10000=TR1000:PR0:SR0 C0=TR0:FR0:SR0 papad0.5:0.96 LA
                                                                                                                                                                                                                                                                         st for ver:-2 #for No6
10634 #test=test:5:1000:${ic8}:${iCd}:${|}ipapadT=papadT:0.5:0.96:${TD};LAR=LAR:0.5:0:${NA};ver=ver:-2; #b
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            10644 10645 peakerdigit_v3 f8:../12voicedata/allpole/loo4s:-IN4087D10L10sXO.y fd:../12voicedata/allpole/loo4d:-NA087D10L10sXO.y nSDL:7:10:10 pmin:0.01 ytm:1:0.9:1000 void:1 gibbs:1 beta:1 sdP:0:0:1:2:3:4:5:6:7:8:9 lT:1 sdT:0:0:1:2:3:4:5:6:7:8:9 ver:-2 papkdT:0.5:0.96:15 LAR:0.5:00 test:5:1000:1:0:5 mX:0
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                                                           fd=fd:../12voioedata/allpole/1004d:-1N40S7D10L105XO.y
test=test:5:1000:${ics}:${icd}:${iTd}:papadT=papadT:0.5:0.96:${TD};LAR=LAR:0.5:0:${nA};ver=ver:-2; #be
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  emd="speakerdigit_v3 %fs %fg %nSDL %pmin %ytm %PNr %void %gibbs %beta %sdP %lT %sdT %ver %pApAdT %LA
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[0] Set the default environment: Do 0 at 2013/02/27
fs=fs:../12voicedata/allpole/loo4s:-1N40S7D10L10sX0
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2 tdisp:4 beta:.6 PNr:.8 void:1 gibbs:1 mex:0
10649
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echo "#Done for $test;$paRT;$LAR"
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R0.5:0:0 iCT0:3/5 mid3v-2 dA0 pd0.484U0.181Um0.204Up0.159

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10744 set_style data 1
10745 set xtics (0,5,10,15);set ytics (0,0.5,0.96,1.0);set grid
10745 ptot [0.5,10,15].eset_style_color_value ($1):($27) t "pgd" lt 1, " using ($1):($7):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):
10697 (1)t15 ps0.035U0.024Um0.014Up0.034LCO.002-0.999 iC10000=TR1000:FR0:SR0 C0=TA0:FR0:SR0 papado.5:0.96 L AR0.5:0:0 iCTT:0/5 mid3Y-2 aA0 pd0.035U0.034Um0.014Up0.034
10698 (2)t15 ps0.997U0.010Um0.022Up0.003LCO.032-0.999 iC0=TR0:FR0:SR0 C1000=TA980:FR20:SR0 papado.5:0.96 L AR0.5:0:0 iCTT:0/5 mid3Y-2 aA980 pd0.987U0.010Um0.032Up0.0031Un0.032Up0.003
10699 (3)t15 ps0.970U0.033Um0.064Up0.013LCO.002-0.999 iC1000=TR167:FR833:SR0 C0=TA0:FR0:SR0 papado.5:0.96
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10751 set xtics (0,5.10.15);set ytics (0,0.5,1.0);set grid
10752 pet (-2:15.9][-0.2:1.1] "test2_s+d1000_C2_v-2_No6.dat" using ($1):($2) t "pd" lt 1, "" using ($1):($2.54):($2.54):($2.55) with yerrorbars t "" pt 6 lt 1, "test2_s+d1000_C1_v-2_No6.dat" using ($1+0.2):($2):($2):($2,54):($2.54):($2.55) with yerrorbars t "" pt 4 lt 2
10.753 set term tgif:set output "p6-t_gibbs No6.obd':replot:set term X11
10754 [cp p6-t_gibbs_No6.obj -/13iconlp/speech/draft/
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set xtics (0,5,10,15,20,25,30,35,40,45,50);set ytics (0,20,40,60,80,100);set grid
plot [-10:60][-10:100] "test2_s+d1000_C1_v-2_No6,dat" using ($1):($10*0.1) t "CIPA" lt 1, "test2_s+d
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       #test=test:5:1000:${ics}:${icd}:${T}/papadT=papadT:0.5:0.96:${TD};LAR=LAR:0.5:0:${ln}};ver=ver:-2; #b
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               #test=test:5:1000:${ics}:${icd}:${T}:papadT=papadT:0.5:0.97:50:LAR=LAR:0.5:0:${nA}:ver=ver:-2; #best
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          cmd="speakerdigit_v2 $fs $fd $nSDL $pmin $ytm $PNr $void $gibbs $beta $sdP $1T $sdT $ver $pApAdT $LA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           echo "#Done for $test;$pART;$LAR"
cmdl="0"pt upt/testadstat.dat ../12voicedata/allpole/test2_s+d1000_C${C}_v-2_No${No}.dat"
echo $cmdl; $cmdl;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          set term tgif/set output "pgd-t_gibbs_No6.obj";replot/set term Xl1
!cp pdd-t_gibbs_No6.obj ~/l3iconip/speech/draft/
set term Xl1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         #for No6
#for check pG and pG_d and errorbars
cd ~/sotu/2012/12voicedata/allpole/
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10732 echo "#$test;$pART;$LAR"
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Jun 19 2021 08:15:37

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10765 #Expl:gibbs No6
10766 tl5 ps0.02100.0160m0.0080p0.028LC0.002-0.998 iC1000=TR1000:FA0:SR0 CO=TA0:FR0:SA0 pApad0.5:0.96 LAR0
15.00 iCTL10.5 midlar-2 dA375 pd0.98600.01440m0.0340p0.003
10767 tl5 ps0.97800.0370m0.0830p0.010LC0:003-0.998 iC1000=TR291SR0 C1000=TR291:FR19:SA0 pApad0.5:0.96 LAR0
10767 tl5 ps0.97800.0370m0.010LC0:0100m0.0220p0.003
10768 tl5 ps0.97800.0350m0.0770p0.010LC0:003-0.998 iC1000=TR237:FA763:SR0 C0=TA0:FR0:SA0 pApad0.5:0.96 LAR0
0.5:0:0 iCT0:1/5 midlar-2 dA763 pd0.96200.0510m0.0950p0.012
10769 tl5 ps0.97800.0380m0.0870p0.010LC0:003-0.998 iC1000=TR2998:FA2:SR0 C0=TA0:FR0:SA0 pApad0.5:0.96 LAR0
10770 iCT0:2/5 midlar-2 dA2 pd0.91500.1250m0.2000p0.071
C2_v-2_No6.dat" using ($1):($14*0.1) t "C2PR" lt 2, "test2_s+d1000_C3_v-2_No6.dat" using ($1):($10*0.1) 3PA" lt 3, "test2_s+d1000_C4_v-2_No6.dat" using ($1):($10*0.1) t "C4PA" lt 4, "test2_s+d1000_C5_v-2_No6 using ($1):($10*0.1) t "C5PA" lt 4, "test2_s+d1000_C5_v-2_No6 using ($1):($10*0.1) t "C5PA" lt 4 using ($1):($10*0.1) t "C6PA" lt 4 using ($10*0.1) 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      q#
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#No=27=57na=07cor cin 1 2 3 4 5 6 7; do
#No=27=57na=07cor cin 1 2 3 4 5 6 7; do
#No=37=107na=07cor cin 1 2 3 4 5 6 7; do
#No=37=107na=07cor cin 1 2 3 4; do
#No=57=57na=07cor cin 1 2 3 4; do
#No=57=57na=07cor cin 1 2 3 4; do
No=57=57na=07cor cin 1 2 2 4; do

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10808 #test=test:5:100
                  .000_C2_v-2_No6.dat"
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10806
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#test=test:5:1000:\${ics}:\${iCd}:\${T}:papadT=papadT:0.5:0.959:\${TD};LAR=LAR:0.5:0:\${na};ver=ver:-2; # #test=test:5:1000:\${ics}:\${icd}:\${T}:papadT=papadT:0.5:0.945:\${TD}:LAR=LAR:0.5:0:\${na};ver=ver:-2; #

best for ver:-2 #for No4 1000:\$(ica):\$(icd):\$(1):papadT=papadT:0.5:0.963:50:LaR=LaR:0.5:0:\$(na):ver=ver:-2;

best for ver:-2 #for No5 10809 #test=test:5:100

t for ver:-2

#pes

10811 #test=test:5:1000:\${iCs}:\${iCd}:\${IT}:papadT=papadT:0.5:0.97:50;LAR=LAR:0.5:0.\${nA};ver=ver:-2; #best

readmecan2mspeech.txt

```
10829 set term x11
10829 set term x11
10839 set term x11
10830 set style data 1
10831 plot [-2:15.9][-0.2:1.1] "eest2_s+di000_c2_v-2_yth0_No6.dat" using ($1):($2) t "pg" lt 1, "using ($1.0.2):($2.55) with verrorbars t "" pt 2, "" using ($1.0.2):($2):($2.55) with verrorbars t "" pt 4 lt 2
10833 set term tgif.set output "po-t_yth0_No6.obj";replot/set term X11
10833 set term tgif.set output "po-t_yth0_No6.obj";replot/set term X11
10835 set term x11
10836 set term x11
10837 set x1:cs (0,5.10.15.20.25.30.35,40,45,50);set ytics (0,20,40,60,80,100);set grid
10837 plot [-10:60][-10:100] "test2_s+d1000_c1_v-2_yth0_No6.dat" using ($1):($10.60.1) t "CIFA" It 1, "test
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        10836 set style data 1
10837 set xitcs (0,5,10,15,20,25,30,35,40,45,50);set ytics (0,20,40,60,80,100);set grid
10839 plot [-10:60][-10:100] 'test2_s+d1000_c1_v-2_ythO_No6 (at "using ($1):($10*0.1) t "CIFA" lt 1, "test
2_s*d1000_c2_v-2_ythO_No6 (at "using ($1):($14*0.1) t "C2FR" lt 2, "test2_s*d1000_c3_v-2_ythO_No6.0at "using ($1):($10*0.1) t "C3FR" lt 1, "test
10839 set term tgif;set output "PAFR-t_ythO No6.0bj";replot;set term XII ($10*0.1) t "C4FR" lt 4
10840 !cp FAFR-t_ythO_No6.0bj -/13iconip/speech/draft/
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($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$20):($27-$
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                                                                                                                                             $sdT $ver $papadT $
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           set style data 1 set xtics (0,0.5,0.942,1.0);set grid #set xtics (0,6,12,18);set ytics (0,0.2,0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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\texttt{papadT=papadT:} 0.5:0.965:\$ \{\texttt{TD}\} : \texttt{LAR=LaR:} 0.5:0:\$ \{\texttt{NA}\} : \texttt{ver=ver:} -2: \#b \texttt{NA}\} : \texttt{NA} 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ::${icd}:${T};pApAdT=pApAdT:0.5:0.96:${TD};LAR=LAR:0.5:0:${nA};ver=ver:-2;
                                                                                                                                                                                                                                                                         echo $cmd; $cmd; cerd: $pART;$LAR"
echo "#Done for $test;$pART;$LAR"
cmd1="cp tmp/testsd_stat.dat ../12voicedata/allpole/test2_s+d1000_C${C}_v-2_yth0_No${No}.
                                                                                                                                    cmd="speakerdigit_v2 $fs $fd $nSDL $pmin ytm:-1 $PNr $void $gibbs $beta $sdP $1T
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     set term tgif;set output "pGd-t_yth0_No6.obj";replot;set term X11
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set term x11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              #for No6
#for check pG and pG_d and errorbars
cd ~/sotu/2012/12voicedata/allpole/
                                                              "#$test; $pART; $LAR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             vth=0 T=50
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10826 set term tgif;set
10827 !cp pGd-t_yth0_No
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 echo $cmdl;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    10820 #for check
10821 cd ~/sotu,
10822 gnuplot
10823 set style
10824 set xtics
10.6.0.8,1.0);
10825 plot [-2:1
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                                                                      10812 echo
ver:-2
                                                                                                                                                                                                                    LAR Stest"
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for ver:-2 #for No5

~/sotu/2012/12voicedata/allpole/

10669 t6 ps0.961U0.089Um0.203Up0.025LCO.003-0.998 iC1000=TR849:FA151:SR0 CO=TA0:FR0:SA0 papado.5:0.96 LARO
10970 t12 ps0.9975U0.04Um0.109Up0.013LCO.003-0.998 iC1000=TR93:FA67:SR0 CO=TA0:FR0:SA0 papado.5:0.96 LARO
10970 t12 ps0.9975U0.04Um0.109Up0.013LCO.003-0.998 iC1000=TR933:FA67:SR0 CO=TA0:FR0:SA0 papado.5:0.96 LARO
10971 t12 ps0.997900.04Um0.09VTp0.010LCO.003-0.998 iC1000=TR955:FA45:SR0 CO=TA0:FR0:SA0 papado.5:0.96 LARO
10971 t12 ps0.99700.04Um0.09VTp0.010LCO.003-0.998 iC1000=TR955:FA45:SR0 CO=TA0:FR0:SA0 papado.5:0.96 LARO
10971 t12 ps0.997000.04Um0.04DCC.0.03-0.998 iC1000=TR955:FA45:SR0 CO=TA0:FR0:SA0 papado.5:0.96 LARO
10972 t24 ps0.98000.034Um0.040Up0.008LCO.003-0.998 iC1000=TR965:FA45:SR0 CO=TA0:FR0:SA0 papado.5:0.96 LARO
10973 t30 ps0.98200.028Um0.046Up0.008LCO.003-0.998 iC1000=TR965:FA35:SR0 CO=TA0:FR0:SA0 papado.5:0.96 LARO
10973 t30 ps0.98200.028Um0.049Up0.008LCO.003-0.998 iC1000=TR965:FA35:SR0 CO=TA0:FR0:SA0 papado.5:0.96 LARO
10974 t36 ps0.98300.022ZUm0.049Up0.006LCO.003-0.998 iC1000=TR973:FA27:SR0 CO=TA0:FR0:SA0 papado.5:0.96 LARO
10974 t36 ps0.98300.022ZUm0.049Up0.006LCO.003-0.998 iC1000=TR973:FA27:SR0 CO=TA0:FR0:SA0 papado.5:0.96 LARO
10974 L36 ps0.98300.022ZUm0.049Up0.006Um0.1100P0.038 10979 #tl8 ps0.020U0.016Uw0.007Up0.029LCU 002-0.870 icl10000=TR10000:FA0:SRO CO=TAO:FR0:SAO pApado.5:0.96 LAR 05.00.016Uw0.007Up0.029LCU 0034Dp0.0034Dp0.0034Dp0.0034Dp0.0034Dp0.0034Dp0.0034Dp0.0034Dp0.0034Dp0.0034Dp0.0034Dp0.0034Dp0.0034Dp0.0034Dp0.0034Dp0.0034Dp0.009LC0.909LCD.009LCO.009LCO.0034Dp0.009LCO.0034Dp0.009LCO.0034Dp0.009LCO.0034Dp0.0032Dp0.0032Dp0.0034Dp0.0032Dp0.0034Dp0.0032Dp0.0034Dp0.0034Dp0.009LCO.0034Dp0.009LCD.0034Dp0.009LCO.0034Dp0.009LCO.0034Dp0.009LCO.0034Dp0.009LCD.0034Dp0.0 iCT0:2/6 midlv-2 dA27 pd0.908U0.068Um0.110Up0.036 t42 ps0.983U0.019Um0.042Up0.0062LC0.003-0.998 iC1000=TR984:FA16:SR0 C0=TA0:FR0:SA0 pApAd0.5:0.96 LAR0 iCT0:2/6 midlv-2 dA16 pd0.910U0.063Um0.10Up0.034 t48 ps0.984U0.018Um0.039Up0.005LC0.003-0.998 iC1000=TR985:FA15:SR0 C0=TA0:FR0:SA0 pApAd0.5:0.96 LAR0 iCT0:2/6 midlv-2 dA15 pd0.912U0.060Um0.096Up0.033 #for No5
#for check pG and pG_d and errorbars
cd ~/sotu/2012/12voicedata/allpole/ set style data l set xtics (0,6,12 3,0,1,0.97 gnuplot 10976 10946 10947 10968 10975 10883 set style data 1
10884 set xtics (0,5,10,15);set ytics (0,0.5,0.96,1.0);set grid
10885 pto (2,5);0,10,11] "test2_st4000(-C2,v-2_bayes_No6.dat" using (\$1):(\$27) t "pGd" lt 1, "" usin g (\$1):(\$27):(\$27-\$29):(\$27-10895 #Exp2
10896 #Exp2
10897 #Exp2
10896 #Exp2
10897 #Exp2
10898 #Exp2
10897 #Exp2
10899 #Exp2
10897 #Exp2
10897 #Exp2
10899 #Exp2
10897 #Exp2
10899 10899 set term XII
10891 set term XII
10891 set term XII
10892 plot [-2:15.9][-0.2:1.1] "test2_s+dl000_C2_v-2_bayes_No6.dat" using (\$1):(\$2) t "pd" lt 1, "" using (\$1):(\$2.54 test=test:5:1000:\${iCs}:\${iCd}:\${T}:papadT=papadT:0.5:0.96:\${TD};IaR=LaR:0.5:0:\${na};ver=ver:-2; #be test=test:5:1000:\${ics}:\${icd}:\${1}};papadT=papadT:0.5:0.96:\${TD};LaR=LAR:0.5:0:\${nA}};ver=ver:-2; #be cmd="speakerdigit_v2 \$fs \$fd \$nSDL \$pmin \$ytm \$PNr \$void \$gibbs \$beta \$sdP \$1T \$sdT \$ver \$pApAdT \$LA cmd="speakerdigit_v2 \$fs \$fd \$nSDL \$pmin \$ytm \$PNr \$void gibbs:0 \$beta \$sdP \$1T \$sdT \$ver \$pApAdT test=test:5:1000:\${iCs}:\${iCd}:\${T}:papadT=papadT:0.5:0.97:\${TD}:LAR=LAR:0.5:0:\${nA};ver=ver:-2; #test=test:5:1000:\${iCs}:\${iCd}:\${T};papadT=papadT:0.5:0.97:50;LaR=LaR:0.5:0:\${nA};ver=ver:-2; tmp/testsd_stat.dat ../12voicedata/allpole/test2_s+d1000_C\${C}-v-2_bayes_No\${No}.dat tmp/testsd_stat.dat ../12voicedata/allpole/test2_s+d1000_C\${C}_v-2_No\${No}.dat" set term tgif.set output "pGd-t_bayes_No6.obj";replot;set term Xll !cp pGd-t_bayes_No6.obj ~/13ioonip/speech/draft/ cd ~/sotu/2012/12voicedata/allpole/ #for check pG and pG_d and errorbars #for No6 cd ~/sotu/2012/12voicedata/allpole/ "#Done for \$test; \$pART; \$LAR" \$test; \$parr; \$Lar iconip2013 old echo "#\$test;\$pART;\$LAR echo "#\$test;\$pART;\$LAR cmd1="cp tmp/testscecho \$cmd1; \$cmd1; echo \$cmd; \$cmd; echo \$cmd; \$cmd; "#Done for #for No4 2013/05/26 for ver:-2 #for No5 #for No4 cmdl="cp tmp echo \$cmdl; #for No4 st for ver:-2 for ver:-2 10927 echo AR \$test"; 10928 cmc R \$test"; 10929 ech 10875 10880 10881 10882 10883

readmecan2mspeech.txt

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```
10939 set style data 1
10940 set xtics (0,6,12,18);set ytics (0,0.5,0.96,1.0);set grid #set xtics (0,6,12,18);set ytics (0,0.2,0.4,0.6,0.8,1.0);
4,0.6,0.8,1.0);
10941 plot [-2:20][-0.1:1.1] "test2_s+d1000_c2_v-2_No4.dat" using ($1):($27) t "pGd" lt 1, "" using ($1):($27);($27-$29):($27+$30) with yerrorbars t "" pt 6 lt 1, "test2_s+d1000_c3_v-2_No4.dat" using ($1+0.2):($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$29);($27-$20);($27-$29);($27-$29);($27-$29);($27-$29);($27-$20);($27-$29);($27-$20);($27-$29);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$20);($27-$
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      10948 set xits (0,6,12,18);set ytics (0,0.5,1.0);set grid
10949 set xits (0,6,12,18);set ytics (0,0.5,1.0);set grid
10949 plot (-2:20][-0.1:1.1] "test2_2=401000_c2_v-2_N06,4at" using ($1):($2) t "pG" lt ", "" using ($1):($2) with yerrorbars t "" pt 6 lt ", "test2_3=401000_c1_v-2_N04.dat" using ($1+0.2):($2):($2) with yerrorbars t "" pt 4 lt 2
2. "" using ($1+0.2):($2):($2.54):($2.55) with yerrorbars t "" pt 4 lt 2
10950 set term tgif;set output "pG-t_gibbs_N04.ob]";replot;set term X11
10951 iop pG-t_gibbs_N04.ob] ~/13iconip/speech/draft.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             set term tgif;set output "pGd-t_gibbs_No4.obj";replot;set term X11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     !cp pGd-t_gibbs_No4.obj ~/13iconip/speech/draft/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     cd ~/sotu/2012/12voicedata/allpole/
```

```
1:($2-$4]:($2+$5) with yerrorbars t '" pt 6 II.' "test2.2*41000_C1_v-2.05.dat" using ($1+0.2):($2) t "" II.'

1:($2-$4]:($2+$5) with yerrorbars t '" pt 6 II.' "test2.2*41000_C1_v-2.05.dat" using ($1+0.2):($2) t "" II.

2. "" using ($1+0.2):($2.5) with yerrorbars t '" pt 4 II 2

1099 set term tiffiser output "pd-Lgibbs.obj"/replot/set term X11

11000 iop pd-Lgibbs.obj ~/13iconip/speech/date/.

11001 at p pd-Lgibbs.obj ~/13iconip/speech/date/.

11002 t 24 ps0.021U0.015Um0.007Up0.025LC0.002-0.868 iC1000=TR1000:FA0:SR0 C0=TA0:FR0:SA0 papad0.5:0.96 LAR0

11003 t 24 ps0.981U0.025Um0.007Up0.025U0.007Up0.002

11004 t 24 ps0.981U0.025Um0.05TUp0.003U0.029P0.002

11004 t 24 ps0.981U0.025Um0.05TUp0.003U0.03Up0.002

11004 t 24 ps0.981U0.025Um0.05Up0.008LC0.003-0.998 iC1000=TR127:FRA973:SR0 C0=TA0:FR0:SA0 papad0.5:0.96 LAR0

11005 t 24 ps0.981U0.025Um0.05Up0.008LC0.003-0.998 iC1000=TR127:FRA973:SR0 C0=TA0:FR0:SA0 papad0.5:0.96 LAR0

11005 t 24 ps0.981U0.025Um0.05Up0.008LC0.003-0.998 iC1000=TR27:FRA973:SR0 C0=TA0:FR0:SA0 papad0.5:0.96 LAR0

11006 t 24 ps0.981U0.025Um0.065Up0.008LC0.003-0.998 iC1000=TR27:FRA973:SR0 C0=TA0:FR0:SA0 papad0.5:0.96 LAR0

11007 t 24 ps0.981U0.025Um0.065Up0.008LC0.003-0.998 iC1000=TR27:FRA973:SR0 C0=TA0:FR0:SA0 papad0.5:0.96 LAR0

11007 t 24 ps0.981U0.025Um0.065Up0.008LC0.003-0.998 iC1000=TR27:FRA973:SR0 C0=TA0:FR0:SA0 papad0.5:0.96 LAR0

11008 t 24 ps0.981U0.2034Um0.065Up0.008LC0.003-0.998 iC1000=TR27:FRA973:SR0 C0=TA0:FR0:SA0 papad0.5:0.96 LAR0

11009 t 24 ps0.981U0.2034Um0.065Up0.008LC0.003-0.998 iC1000=TA0:FR0:SA0 papad0.5:0.96 LAR0

11009 t 24 ps0.981U0.2034Um0.065Up0.007Um0.07Um0.07Up0.000
                                                   10990 plot [-2:26][-0.1:1.1] "test2_s+d1000_c2_v-2_No5.dat" using ($1):($27) t "pgd" lt 1, "" using ($1):($27):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-
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5:00 iCTI:0/6 midiv-2 dA961 pd0.98700.012
5:00 iCTI:0/6 midiv-2 dA961 pd0.98700.012
5:00 iCTI:0/6 midiv-2 dA963 pd0.98700.014
11021 t18 ps0.97900.037:0.388-0.990 LC0.003-0.998 iCC0=TR0:FA0:SR0 C1000=TA963:FR37:SA0 pApAd0.5:0.97 LARO.
5:00 iCTO:0/6 midiv-2 dA963 pd0.98700.014
11022 t18 ps0.97900.038:0.442-0.990 LC0.003-0.998 iC1000=TR191:FA809:SR0 C0=TA0:FR0:SA0 pApAd0.5:0.97 LARO.
5:00 iCTO:1/6 midiv-2 dAA1 pd0.990 LC0.003-0.999 iC1000=TR998:FA2:SR0 C0=TA0:FR0:SA0 pApAd0.5:0.97 LARO.5
11023 t18 ps0.97900.034:0.390-0.990 LC0.003-0.998 iC1000=TR998:FA2:SR0 C0=TA0:FR0:SA0 pApAd0.5:0.97 LARO.5
11024 t18 ps0.98000.034:0.420-0.990 LC0.003-0.998 iC1000=TR100:FA0:SR0 C0=TA0:FR0:SA0 pApAd0.5:0.97 LARO.5
11024 t18 ps0.98000.034:0.420-0.990 LC0.003-0.998 iC1000=TR1000:FA0:SR0 C0=TA0:FR0:SA0 pApAd0.5:0.97 LARO.
5:00 iCTO:2/6 midiv-2 dA0 pd0.62400.137
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5:0:0 iCTI:0/6 midlav-2 dA990 pd0.99800.007
11027 t 24 ps0.98300.026:0.580-0.990 LCO.003-0.998 iC1000=TR0:FA0:SR0 C1000=TA977:FR23:SA0 pApAd0.5:0.97 LAR0.
5:0:0 iCTO:0/6 midlav-2 dA997 pd0.98800.009
11028 t 24 ps0.991U0.023:0.688-0.990 LCO.003-0.998 iC1000=TR187:FA813:SR0 C0=TA0:FR0:SA0 pApAd0.5:0.97 LAR0.
5:0:0 iCTO:1/6 midlav-2 dA813 pd0.97600.022
111029 t 24 ps0.981U0.023:0.460-0.990 LCO.003-0.998 iC1000=TR1000:FA0:SR0 C0=TA0:FR0:SA0 pApAd0.5:0.97 LAR0.
5:0:0 iCTO:2/6 midlav-2 dA0 pd0.90200.077
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5.0:01 cirro:0/6 midiav-2 da885 pd0.981U0.0392m0.1001p0.003
11037 t12 ps0.978U0.037Um0.084Up0.011LCO.003-0.998 iCO=TRO:FR0:SRO C1000=TA946:FR54:SAO pApAdO.5:0.97
11037 t12 ps0.978U0.037Um0.084Up0.011LCO.003-0.998 iCO=TRO:FR0:SRO C1000=TA946:FR54:SAO pApAdO.5:0.97
15:0:0 icr0:0/6 midiav-2 dA846 pd0.986U0.014Um0.032Up0.004
11038 t18 ps0.98UU0.030Um0.070Up0.008LCO.003-0.998 ico=TRO:FR0:FR0:SRO C1000=TA966:FR34:SAO pApAdO.5:0.97
11039 icr0:0/6 midiav-2 dA866 pd0.98TVO.012Um0.030Up0.003
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       #Result is saved in tmp/testsd_stat.dat(same oder as above) and tmp/testsd.dat.
#Done for test:5:100:0:0:6:ppgffr: 85:.2010/1.msn.0:5:0:0
op tmp/testsd_stat.dat ...12volcedata/allpole/test2_s401000_c2_v-2_N04.dat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       plot [-2:26[[-0.1:1.1.1] "test2_s+d1000_22_v-2_NOS.dat" using ($1):($2) t "$4):($2+$5) with yerrorbars t "" pt 6 lt 1, "test2_s+d1000_C1_v-2_No5.dat" using ($1-0.3):($2):($2):($2-$4):($2+$5) with yerrorbars t "" pt 4 lt 2 set term tejf:set output "pG-t_gibbs.obj";replot;set term X11 top pG-t_gibbs.obj -/13iconip/speech/draft/
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set style data 1 set xtics (0,6,12,18,24);set
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                set style data l
set xtics (0,6,12,18,24);set
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11046 t6 ps0.021U0.025:0.010-0.322 LCO.002-0.997 iC10000=TR1000:FA0:SR0 CO=TAO:FR0:SAO pApAdO.5:0.97 LARO.5 10.01 iCT1:0/6 midity-2 dA888 pd0.981U0.043 11048 t6 ps0.965U0.077:0.053-0.990 LCO.004-0.998 iCO=TR0:FR0:SR0 C1000=TA872:FR128:SAO pApAdO.5:0.97 LARO. 11048 t6 ps0.965U0.077:0.053-0.990 LCO.004-0.998 iCO=TR500:SR0 C1000=TA872:FR128:SAO pApAdO.5:0.97 LARO. 11049 t6 ps0.961U0.0990 LCO.003-0.998 iC1000=TR500:SR0 C0=TR0:FR0:SAO pApAdO.5:0.97 LARO.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   pApAd0.5:0.97 LAR0
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                                                                                                                                                                                                                                                                                                                                                                                      pApAd0.5:0.97
                                       .5:0:0 1CTO:0/6 midly-2 dA977 pd0.98800.0090m0.023Up0.002
11.040 130 pse0.88300.0240m0.056Tp0.006Cp0.003-0098 1:00=TM20:PR0:SR0 [1000=TA980:PR20:SR0 [10140 130 pse0.98300.0240m0.056Tp0.006Cc0.003-0.988 1:00=TR0:PR0:SR0 [1000=TA980:PR20:SR0 [1034] 136 pse0.98300.023Um0.056Tp0.006Cc0.003-0.988 1:00=TR0:PR0:SR0 [1000=TA984:PR16:SR0 [1034] 136 pse0.98300.023Um0.055Tp0.006Cc0.003-0.988 1:00=TR0:PR0:SR0 [1000=TA984:PR16:SR0 [1036] 11041 136 pse0.98400.021Um0.049Up0.0010 [1000=TR0:PR0:PR0:SR0 [1000=TA989:PR11:SR0 [1036] 11042 142 pse0.98400.021Um0.049Up0.0010 [1000-TR0:PR0:PR0:SR0 [1000=TA989:PR11:SR0 [1036] 11043 148 pse0.98400.0190m0.043Up0.005LC0.003-0.998 1:00=TR0:PR0:SR0 [1000=TA989:PR11:SR0 [1036] 11043 1448 pse0.98400.0190m0.043Up0.005LC0.003-0.998 1:00=TR0:SR0 [1000=TA989:PR11:SR0 [1036] 11043 1448 pse0.98400.0190m0.043Up0.005LC0.003-0.998 1:00=TR0:SR0 [1000=TA989:PR11:SR0 [1036] 11043 1448 pse0.98400.0190m0.043Up0.003Up0.001
063Up0.007LC0.003-0.998 iC0=TR0:FA0:SR0 C1000=TA977:FR23:SA0
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11053 t18 ps0.02100.015:0.010-0.127 LCO.002-0.997 iC1000=TR1000:FA0:SRO CO=TR0:FR0:SRO papado.5:0.98 LARO.
5:001 iCTIV-0/6 mididy-2 dA923 pd0.98700.012
11054 t18 ps0.97900.037:0.338-0.990 LCO.003-0.998 iCO=TR0:FR0:SRO C1000=TR916:FR84:SRO papado.5:0.98 LARO.
5:001 iCTO:0/6 mididy-2 dA916 pd0.98700.014
11055 t18 ps0.97900.038:0.4420-0.990 LCO.003-0.998 iC1000=TR353:FA647:SRO C0=TR0:FR0:SRO papado.5:0.98 LARO
11056 t18 ps0.97900.034:0.390-0.990 LCO.003-0.998 iC1000=TR353:FA647:SRO C0=TR0:FR0:SRO papado.5:0.98 LARO.
11056 t18 ps0.97900.034:0.390-0.990 LCO.003-0.998 iC1000=TR1000:FA0:SRO C0=TR0:FR0:SRO papado.5:0.98 LARO.
11057 t18 ps0.97900.034:0.390-0.990 LCO.003-0.998 iC1000=TR1000:FA0:SRO C0=TR0:FR0:SRO papado.5:0.98 LARO.
11057 t18 ps0.98000.034:0.20-0.990 LCO.003-0.998 iC1000=TR1000:FA0:SRO C0=TR0:FR0:SRO papado.5:0.98 LARO.
11057 t18 ps0.98000.034:0.20-0.990 LCO.003-0.998 iC1000=TR1000:FA0:SRO C0=TR0:FR0:SRO papado.5:0.98 LARO.
11057 t18 ps0.98000-034:0.20-0.990 LCO.003-0.998 iC1000=TR1000:FA0:SRO C0=TR0:FR0:SRO papado.5:0.98 LARO.
11057 t18 ps0.98000-034:0.20-0.990 LCO.003-0.998 iC1000=TR1000:FA0:SRO C0=TR0:FR0:SRO papado.5:0.98 LARO. ../12voicedata/allpole/ gnuplot g 11059 11060 11061 11058

C0=TA0:FR0:SA0 papad0.5:0.97 11076 t5 ps0.958UJ.093:0.774-0.990 LCO.003-0.998 iC1000=TR996:FA4:SRO C 0:0 iCTO:2./5 mid1v-2 dA4 pd0.74100.202 11077 t5 ps0.991UO.110:0.778-0.990 LCO.003-0.998 iC1000=TR1000:FA0:SRO

0:0 icT0:3/5 midlv-2 dA0 pd0.35400.174
11078 t5 ps0.95700.087:0.069-0.990 LC0.003-0.998 icI0000=TR1000:FA0:SR0 C0=TA0:FR0:SA0 pApAdo.5:0.97 LARO.5
10.0 icT0:4/5 midlv-2 dA0 pd0.07700.055
11079 t5 ps0.955700.096:0.024-0.990 LC0.003-0.998 icI000=TR1000:FA0:SR0 C0=TA0:FR0:SA0 pApAdo.5:0.97 LARO.5
10.0 icT0:5/5 midlv-2 dA0 pd0.01400.027 t50 ps0.984U0.021:0.549-0.990 LC0.003-0.998 iC1000=TR240:FA760:SR0 C0=TA0:FR0:SA0 papad0.5:0.97 LAR0 5:0.97 ps0.020U0.013:0.010-0.142 LC0.002-0.998 iC1000=TR1000:FA0:SR0 C0=TA0:FR0:SA0 pApAd0.5:0.97 iCO=TRO:FA0:SR0 C1000=TA989:FR11:SA0 papad0.5:0.97 iC1000=TR1000:FA0:SR0 C0=TA0:FR0:SA0 5:0:0 icTl:0,5 midlv-2 dA992 pd0.989U0.004 11082 t50 ps0.983U0.023:0.678-0.990 LC0.003-0.998 5:0:0 icT0:0/5 midlv-2 dA989 pd0.989U0.004 11084 t50 ps0.983U0.022:0.747-0.990 LC0.003-0.998 .5:0:0 iCT0:1/5 midlv-2 dA760 pd0.974U0.026 11083 11080

5:0:0 icTO:2/5 midlv-2 dA0 pd0.837U0.091 11085 t50 ps0.98ZU0.025:0.528-0.990 LC0.003-0.998 iC1000-TR1000:FA0:SR0 CO=TA0:FR0:SA0 pApAd0.5:0.97 LAR0. 5:00 icTO:3/5 midlv-2 dA0 pd0.378U0.087 11086 t50 ps0.983U0.024:0.605-0.990 LC0.003-0.998 iC1000-TR1000:FA0:SR0 CO=TA0:FR0:SA0 pApAd0.5:0.97 LAR0. 5:0:0 iCTO:4/5 midlv-2 dA0 pd0.062U0.014

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11100 to ps0.02100.015:0.010-0.145 LC0.002-0.998 iC1000=TR1000:PA0:SR0 C0=TR0:FR0:SA0 PAPAGO.5:0.985 LARO 11106 to ps0.02100.016:0.010-0.145 LC0.002-0.998 iC1000=TR1000:PA0:SR0 C1000=TR87:FR129:SA0 PAPAGO.5:0.985 LARO 11107 to 20 ps0.98000.030:0.491 pd0.98700.009 iC0033-0.998 iC1000=TR764:FR238:SR0 C0=TR0:FR0:SA0 PAPAGO.5:0.985 LAR 0.5:0:0 iCT0:0.05 mid1v-2 dAR37 pd0.98700.009 iC1000=TR764:FR238:SR0 C0=TR0:FR0:SA0 PAPAGO.5:0.985 LAR 0.5:0:0 iCT0:1.05 mid1v-2 dAR38 pd0.96600.039 iC1000=TR1000:PA0:SR0 C0=TR0:FR0:SA0 PAPAGO.5:0.985 LARO 11110 to 20 ps0.99700.036:0.466-0.990 LC0.003-0.998 iC1000=TR1000:PA0:SR0 C0=TR0:FR0:SA0 PAPAGO.5:0.985 LARO 11110 to 20 ps0.97700.036:0.466-0.990 LC0.003-0.998 iC1000=TR1000:PA0:SR0 C0=TR0:FR0:SA0 PAPAGO.5:0.985 LARO 11110 to 20 ps0.97700.036:0.460 ps0.97700.036:0.460 ps0.97700.036:0.460 ps0.97700.036:0.490 LC0.003-0.998 iC1000=TR1000:PA0:SR0 C0=TR0:FR0:SA0 PAPAGO.5:0.985 LARO 11110 to 20 ps0.97700.036:0.460 ps0.37700.106 to 20 ps0.97700.036:0.490 LC0.003-0.998 iC1000=TR1000:PA0:SR0 C0=TR0:FR0:SA0 PAPAGO.5:0.985 LARO 11111 to 20 ps0.99100.025:0.632-0.990 LC0.003-0.998 iC1000=TR1000:PA0:SR0 C0=TR0:FR0:SA0 PAPAGO.5:0.985 LARO 11111 to 20 ps0.99100.025:0.632-0.990 LC0.003-0.998 iC1000=TR1000:PA0:SR0 C0=TR0:FR0:SA0 PAPAGO.5:0.985 LARO 11111 to 20 ps0.99100.025:0.632-0.990 LC0.003-0.998 iC1000=TR1000:PA0:SR0 C0=TR0:FR0:SR0 PAPAGO.5:0.985 LARO 11111 to 20 ps0.99100.025:0.632-0.990 LC0.003-0.998 iC1000=TR1000:PA0:SR0 C0=TR0:FR0:SR0 PAPAGO.5:0.985 LARO 11100 to 20 ps0.99100.025
                                                                                                                                               11089 t100 ps0.020U0.011:0.010-0.093 LCO.002-0.870 iC1000=TR1000:FRO:SRO CO=TRA0:FRO:SRO papado.5:0.988 LAR C.5:0:0:171:0/5 midity-2 days18 pa0.989U0.002
11090 t100 ps0.986U0.014:0.809-0.990 LCO.003-0.998 iC0=TR0:FRO:SRO C1000=TR928:FR72:SRO papado.5:0.988 LAR C.5:0:0:171:0/5 midity-2 days28 pad.989U0.002
11091 t100 ps0.98600.013:0.812-0.990 LCO.003-0.998 iC1000=TR702:FR298:SRO C0=TR0:FRO:SRO papado.5:0.988 LAR R0.5:0:0:171:5 midity-2 day28 pad.976U0.020
11092 t100 ps0.98600.013:0.990 LCO.003-0.998 iC1000=TR1000:FRO:SRO C0=TR0:FRO:SRO papado.5:0.988 LAR C.5:0:0:171:0.5 midity-2 day28 pad.976U0.020
11093 t100 ps0.989400.017:0.763-0.990 LCO.003-0.998 iC1000=TR1000:FRO:SRO C0=TR0:FRO:SRO papado.5:0.988 LAR C.5:0:0:170:3/5 midity-2 day28 pd0.976U0.077
11093 t100 ps0.989400.017:0.763-0.990 LCO.003-0.998 iC1000=TR1000:FRO:SRO C0=TR0:FRO:SRO papado.5:0.988 LAR C.5:0:0:170:3/5 midity-2 day28 pd0.976U0.077
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               11113 t5 ps0.023U0.037:0.010-0.483 LCO.002-0.998 iC1000=TR1000:FA0:SR0 C0=TA0:FR0:SA0 pApAd0.5:0.985 LARO. 5:0.0 iCTI:0/5 midiv-2 dA766 pd0.974U0.066
5:0.0 iCTI:0/5 midiv-2 dA766 pd0.974U0.066
5:0.0 iCTI:0/5 midiv-2 dA766 pd0.976U0.066
5:0.0 iCTI:0/5 midiv-2 dA784 pd0.976U0.063
5:0.0 iCTI:0/5 midiv-2 dA784 pd0.976U0.063
11115 t5 ps0.955U0.082 0.181-0.990 LCO.003-0.998 iC1000=TR872:FA128:SR0 C0=TA0:FR0:SA0 pApAd0.5:0.985 LARO 11115 t5 ps0.955U0.082 0.181-0.990 LCO.003-0.998 iC1000=TR899:FA128:SR0 C0=TA0:FR0:SA0 pApAd0.5:0.985 LARO. 5:0.0 iCTI:0/5 midiv-2 dA12 pd0.922U0.123
11116 t5 ps0.958U0.093:0.0774.00.90 LCO.003-0.998 iC10000=TR999:FA1:SR0 C0=TA0:FR0:SA0 pApAd0.5:0.985 LARO.5 0.0 iCTI:0/2 dA12 pd0.7741U0.202
11117 t5 ps0.951U0.110:0.078-0.990 LCO.003-0.998 iC10000=TR1000:FA0:SR0 C0=TA0:FR0:SA0 pApAd0.5:0.985 LARO.5 11117 t5 ps0.951U0.110:0.078-0.990 LCO.003-0.998 iC1000=TR1000:FA0:SR0 C0=TA0:FR0:SA0 pApAd0.5:0.985 LARO.5 11118
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    .510.0 [CTG0.22 km dlv-2 dAO pd0.83700.091

11129 #EF ps0.023910.010-0.483 LCC.002-0.998 iC1000=TR1000:PAO:SR0 CO=TR0:PR0:SR0 pApAdd.5:0.99 LARO.

5:00 [CTT1:0/5 midly-2 dA728 pd0.97400.066

11130 #EF ps0.95700.096:0.101-0.990 LCC.003-0.998 iCC=TR0:PAO:SR0 CO=TR0:FR0:SR0 pApAdo.5:0.99 LARO

5:00 [CTT0:0/5 midly-2 dA749 pd0.97600.063

5:00 [CTT0:0/5 midly-2 dA749 pd0.97600.063

11131 #EF ps0.95900.082:0.181-0.990 LCC.003-0.998 iC1000=TR875:FR125:SR0 CO=TR0:FR0:SR0 papAdo.5:0.99 LARO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    11126 #t50 ps0.983U0.023:0.678-0.990 LCO.003-0.998 iCO=TRO:FRO:SRO C1000=TA998:FR2:SRO papadd0.5:0.95 LARO.
5:0:0 icTo:015/5 mid1v-2 dA998 pd0.989U0.004
5:0:0 icTo:05/5 mid1v-2 dA998 pd0.989U0.004
11127 #t50 ps0.984U0.021:0.549-0.990 LCO.003-0.998 iC1000=TR114:FA886:SRO C0=TA0:FR0:SAO papadd.5:0.95 LARO.
0.5:0:0 icTo:1/5 mid1v-2 dA886 pd0.974U0.026
11128 #t50 ps0.983U0.022:0.747-0.990 LCO.003-0.998 iC1000=TR1000:PA0:SRO C0=TA0:FR0:SAO papadd.5:0.95 LARO
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5:0:0 iCT1:0/5 midlv-2 dA998 pd0.989U0.004
ps0.984U0.021:0.741-0.990 LC0.003-0.998 iC1000=TR1000:FA0:SR0 C0=TA0:FR0:SA0 papad0.5:0.97 LAR0
                                                              pd0.01000.001
                                                                    dA0
      £50
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readmecan2mspeech.txt

pd0.922U0.123

iCT0:1/5 midlv-2 dA126

Jun 19 2021 08:15:37

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.5:0:0 iCTO:2/5 midlv-2 dAO pd0.83700.091

1136 #te50 ps0.98700.025:0.528-0.990 LCO.003-0.998 iCLO00=TR1000:PAO:SRO CO=TAO:FRO:SAO pApAdo.5:0.99 LARO
11137 #t50 ps0.98700.024:0.605-0.990 LCO.003-0.998 iCLO00=TR1000:PAO:SRO CO=TAO:FRO:SAO papAdo.5:0.99 LARO
11137 #t50 ps0.98700.024:0.605-0.990 LCO.003-0.998 iCLO00=TR1000:PAO:SRO CO=TAO:FRO:SAO pApAdo.5:0.99 LARO
15:0:0 iCTO:4/5 midlv-2 dAO pd0.06210.014
15:0:0 iCTO:990 LCO.0990 LCO.003-0.998 iCLO00=TR1000:FAO:SRO CO=TAO:FRO:SAO pApAdo.5:0.99 LARO
15:0:0 iCTO:5/5 midlv-2 dAO pd0.01000.001
15:0:0 iCTO:5/5 midlv-2 dAO pd0.01000.001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          11146 #t5 ps0.96100.086:0.069-0.990 LC0.003-0.998 iC1000=TR864:FA136:SR0 C0=TR0:FR0:SA0 papad0.5:0.99 LAR0 5:0.998 iC1000=TR864:FA136:SR0 C0=TR0:FR0:SA0 papad0.5:0.99 LAR0 11147 #t5 ps0.95600.099:0.062-0.990 LC0.003-0.998 iC1000=TR1000:FA0:SR0 C0=TR0:FR0:SA0 papad0.5:0.99 LAR0 5:0.99 LAR0 1 LC1000 LC10:SA0 LAR0:SA0 LAR0 LAR0:SA0 LAR0:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           11140 #tl0 ps0.973U0.063:0.172-0.990 LCO.003-0.998 iCO=TRO:PRO:SRO C1000=TA88H:FR119:SAO papado.5:0.98 LAR.
0.5:01 c1770.045 midity-2 da882 pd0.98300.029
11141 #tl0 ps0.973U0.063:0.172-0.990 LCO.003-0.998 iCO=TRO:PRO:SRO C1000=TA933:FR67:SAO papado.5:0.97 LARO
11141 #tl0 ps0.973U0.043:0.34 pd0.98310.029
11142 #tl0 ps0.977U0.039:0.369-0.990 LCO.003-0.998 iC1000=TR344:FA656:SRO C0=TA0:FR0:SAO papado.5:0.97 LARO
0.5:0:0 c170:1/5 midity-2 da657 pd0.957U0.055
0.5:0:0 c170:1/5 midity-2 da657 pd0.957U0.055
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            11148 #E5.96000.089:0.040-0.990 LC0.003-0.998 iC10000=TR1000:FR0:SR0 CO=TR0:FR0:SR0 papad0.5:0.99 LARO.
11149 #E5 ps0.95000.1010:0.101-0.990 LC0.003-0.998 iC1000=TR1000:FR0:SR0 CO=TR0:FR0:SR0 papad0.5:0.99 LARO.
11149 #E5 ps0.95200.101:0.101-0.990 LC0.003-0.998 iC1000=TR1000:FR0:SR0 CO=TR0:FR0:SR0 papad0.5:0.99 LARO.
11150 #E5 ps0.95300.102:0.053-0.990 LC0.003-0.998 iC1000=TR1000:FR0:SR0 CO=TR0:FR0:SR0 papad0.5:0.99 LARO.
11150 #E5 ps0.95300.102:0.053-0.990 LC0.003-0.998 iC1000=TR1000:FR0:SR0 CO=TR0:FR0:SR0 papad0.5:0.99 LARO.
15:00 iCT0:Sy5 midity-2 day pd0.01300.011
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             cmd="speakerdigit_v2 $fs $fa $nSDL $pmin $ytm $PNr $void gibbs:0 $beta $sdP $1T $sdT $ver $pApAdT $L
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              11144 #t5 ps0.021U0.027:0.010-0.345 LC0.002-0.998 iC1000-FR00:SR0 C0=TR0:FR0:SR0 papad0.5:0.99 LAR0.

5:00 iCT1:0/5 midlu-2 dA750 pd0.97340-0.773

11145 #t5 ps0.960U0.093:0.772-0.990 LC0.03-0.998 iC0=TR0:FR0:SR0 C1000=TR746:FR254:SA0 papad0.5:0.99 LAR0

5:0:00 iCT0:0/5 midlu-2 dA750 pd0.975U0.064
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    #t10 ps0.020U0.018:0.010-0.222 LC0.002-0.859 iC1000=TR1000:FA0:SR0 C0=TA0:FR0:SA0 papad0.5:0.99 LAR0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      test=test:5:1000:${iCs}:${iCd}:${T};papadT=papadT:0.5:0.97:${TD};LAR=LAR:0.5:0:${nA};ver=ver:-2; #be
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    cmd1="cp tmp/testsd_stat.dat ../12voicedata/allpole/test2_s+d1000_C${C}_v-2_bayes_No${No}.dat"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                #for No5
#for check pG and pG_d and errorbars
cd ~/sotu/2012/12voicedata/allpole/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         "#Done for $test; $pART; $LAR"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  echo "#$test;$pART;$LAR"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ver:-2 #for No5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              echo $cmd; $cmd;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            #for No4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               echo $cmd1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 st for ver:-2
11175 echo "
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        11176 cmd
AR $test";
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           11174
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papad0.5:0.97 LAR0.5:

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5:0:0 1cTO:0/5 mid1v-2 dA963 pd0.970U0.115
120 tls ps0.96U00.142:0.010-0.990 tcC:003-0.998 ic10000=TR295:FA705:SR0 C0=TA0:FR0:SA0 papad0.5:0.97 LAR0
5:0:0 icTO:1/5 mid1v-2 dA755 pd0.827U0.289
ps0.015U0.047:0.010-0.922 LC0.002-0.998 iC1000=TR999:FA1:SR0 C0=TA0:FR0:SA0
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11208 set xics (0.6.12.18);set ytics (0.0.5,0.96.1.0);set grid
11209 plot [-2:20][-0.1:1.1] "test2_s+d1000_c2_v-2_bayes_No4.dat" using ($1):($27) t "pt 61 1" "est2_s-$41000_c3_v-2_bayes_No4.dat" using ($1.6.2):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($2
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| 11195 set xtics (0,6,12,18,24);set ytics (0,0.5,1.0);set grid
| 11194 set xtics (0,6,12,18,24);set ytics (0,0.5,1.0);set grid
| 11195 plot [-2.26][-0.1:1.1] "test2_3-441000_2-2_bayes.No5.dat" using ($1):($2):($2.54); ($2.54); ($1.62):($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($2.54); ($
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11216 set xtics (0,6,12,18);set ytics (0,0.5,1.0);set grid
11216 plot [-2:20]1-0.1:1.1] "test2.5+41000.02,-2_bayes,No4.dat" using ($1.1;($2):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4):($2-$4]:($2-$4):($2-$4):($2-$4]:($2-$4]:($2-$4):($2-$4]:($2-$4):($2-$4]:($2-$4]:($2-$4):($2-$4]:($2-$4]:($2-$4]:($2-$4]:($2-$4]:($2-$4]:($2-$4]:($2-$4]:($2-$4]:($2-$4]:($2-$4]:($2-$4]:($2-$4]:($2-$4]:($2-$4]:($2-$4]:($2-$4]:($2-$4]:($2-$4]:($2-$4]:($2-$4]:($2-$4]:($2-$4]:($2-$4]:($2-$4]:($2-$4]:($2-$4]:($2-$4]:($2-$4]:($2-$4]:($2-$4]:($2-$4]:($2-$4]:($2-$4]:($2-$4]:($2-$4
111166 set style data 1

11187 set txics (0.6,12,18,24);set ytics (0,0.5,0.965,1.0);set grid

11188 plot [-2.26][-0.11.1] "test2_s+d1000_22_v-2_bayes_No5.dat" using ($1):($27) t "pgd" lt 1, "" using

1121;($27):($77-$29):($77-$29):($77-$29):($77-$29):($77-$29):($77-$30) with yerrorbars t "" pt 6 lt 2, "test2_s

11-0.2):($77) t "" lt 2, "" using ($1+0.2):($27):($27):($77-$29):($77-$30) with yerrorbars t "" pt 6 lt 2, "test2_s

11-0.2):($77) t "" lt 2, "" using ($1+0.4):($77):($77):($77-$79):($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);($77-$70);(
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11223 set style data 1
11224 put txics (0,6,12,18);set ytics (0,0.5,1.0);set grid
11225 plot [-2:20][-0.11.1] "test2_s+d1000_c2_v-2_bayes_No4.dat" using ($1):($2) t "pG" lt 1, "" using ($1):($2):($2-$4):($2-$4):($2-$5) with yerrorbars t "" pt 6 lt 1, ""est2_s+d1000_c1_v-2_bayes_No4.dat" using ($1+0.2):
($2) t " " lt 2, " "ansing ($1+0.2):($2):($2,5)*($2,5) with yerrorbars t "" pt 4 lt 2
11226 set term tgif;set output "pG-L_bayes_No4.obj";replot;set term X11
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#plot [-2:20][-0.2:1.4] "test2_s+d1000_C1_v-2_bayes_No4.dat" using 1:2 w 1, "" using 1:2:3 w errorba
pt 4 lt 1, "test2_s+d1000_C2_v-2_bayes_No4.dat" using ($1):2 w 1, "" using ($1):2:3 w errorbars t ""
1, 0, 0.5, 1
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.5:0:0 iCT0:2/6 midly-2 da559 pd0.72400.361
11241 t18 ps0.970701.18:0.010-0.990 LCO.003-0.998 iC10000=TR686:PA314:SR0 C0=TA0:PR0:SA0 papad0.5:0.97
.5:0:0 iCT0:3/6 midly-2 da529 pd0.72400.433
11242
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t18 ps0.012U0.012:0.010-0.262 LC0.002-0.870 iC1000=TR1000:FA0:SR0 C0=TAO:FR0:SA0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              h yerrorbars t "" pt 6 lt 3 "" | 1189 set term tojf/set output "pdd-t_bayes.obj",replot/set term X11 | 11199 set term tojf/set output "pdd-t_bayes.obj "/13iconip/speech/draft/ | 1191 cd ~/setu/2012/12/roicedata/allpole/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   #set term tgif;set output "test2_s+d1000-bayes_No4.obj";replot
#!cp test2_s+d1000-bayes_No4.obj ~/13iconip/speech/draft/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   gnuplot
set style data 1
set xtics (0,6,12,18,24);set ytics (0,0.5,1.0);set grid
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rs t " pt
pt 6 lt 1
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11229
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readmecan2mspeech.txt Jun 19 2021 08:15:37

11260 t. 220 ps0.35900.141:0.011-0.390 t. D.0.103-0.399 t. D.0.103-0.103 11280 t10 ps0.01700.065:0.010-0.973 LC0.002-0.998 iC1000=TR996:FA4:SR0 C0=TA0:FR0:SA0 pApAd0.5:0.97 LAR0.5.0.01 iCT1:20/5 mid1v-2 dA962 pd0.96800.121
11281 t10 ps0.55700.145:0.010-0.990 LC0.003-0.998 iC10FR0:SR0 C1000=TA925:FR75:SA0 pApAd0.5:0.97 LAR0.5:0.01 iCT0:0/5 mid1v-2 dA960 pd0.96800.116
11282 t10 ps0.96900.1128:0.10-0.990 LC0.003-0.998 iC1000=TR272:FA728:SR0 C0=TA0:FR0:SA0 pApAd0.5:0.97 LAR0.5:0.01 iCT0:1/5 mid1v-2 dA741 pd0.83800.282
11283 t10 ps0.96900.1139:0.10-0.990 LC0.003-0.998 iC1000=TR240:SR0 C0=TA0:FR0:SA0 pApAd0.5:0.97 LAR0.5:0.01 iCT0:1/5 mid1v-2 dA472 pd0.83900.230
11283 t10 ps0.96000.139:0.010-0.990 LC0.003-0.998 iC1000=TR840:SR0 C0=TA0:FR0:SA0 pApAd0.5:0.97 LAR0.5:0.01 iCT0:3/5 mid1v-2 dA472 pd0.83500.330
11285 t10 ps0.96000.143:0.010-0.990 LC0.003-0.998 iC1000=TR827:FA173:SR0 C0=TA0:FR0:SA0 pApAd0.5:0.97 LAR0.5:0.01 iCT0:3/5 mid1v-2 dA472 pd0.83500.428
11285 t10 ps0.96000.143:0.010-0.990 LC0.003-0.998 iC1000=TR998:FA2:SR0 C0=TA0:FR0:SA0 pApAd0.5:0.97 LAR0.5:0.01 iCT0:3/5 mid1v-2 dA5 pd0.131U0.339
11286 t10 ps0.96000.143:0.010-0.990 LC0.003-0.998 iC1000=TR998:FA2:SR0 C0=TA0:FR0:SA0 pApAd0.5:0.97 LAR0.10 iCT0:3/5 mid1v-2 dA5 pd0.131U0.339
11286 t10 ps0.96000.143:0.010-0.990 LC0.003-0.998 iC1000=TR998:FA2:SR0 C0=TA0:FR0:SA0 pApAd0.5:0.97 LAR0.10 iCT0:3/5 mid1v-2 dA5 pd0.131U0.339 11248 t24 ps0.01300.026:0.010-0.598 LCO.002-0.868 iC1000=TR999:FA1:SRO CO=TAO:FR0:SAO pApado.5:0.97 LARO.5 (1.04 fcrt:0.6 midity-2 dA965 pa0.9600.116 (1.05 fcrt) t24 ps0.01300.026:0.020 LCO.003-0.998 iCO=TR0:FA0:SRO C1000=TA935:FR65:SAO pApado.5:0.97 LARO.5:0.0600.122:0.010-0.990 LCO.003-0.998 iC1000=TR262:FA738:SRO C0=TAO:FR0:SAO pApado.5:0.97 LARO.5:0.010-0.990 LCO.003-0.998 iC1000=TR262:FA738:SRO C0=TAO:FR0:SAO pApado.5:0.97 LARO.5:0.010-0.990 LCO.003-0.998 iC1000=TR262:FA738:SRO C0=TAO:FR0:SAO pApado.5:0.97 LARO.5:0.010-0.990 LCO.003-0.998 iC1000=TR479:FA521:SRO C0=TAO:FR0:SAO pApado.5:0.97 LARO.5:0.010-0.990 LCO.003-0.998 iC1000=TR479:FA521:SRO C0=TAO:FR0:SAO pApado.5:0.97 LARO.5:0.011255 midity-2 dA530 pd0.70300.367 [1255] [1255 C1000=TA944:FR56:SA0 pApAd0.5:0.97 LAR0.5 5:0:00 icr0:3/5 midlv-2 dal78 pd0 41800 422 11277 t5 ps0.96700.124:0.0.10-0.999 LCO.003-0.998 icl000=TR995:PA5:SR0 C0=TA0:PR0:SA0 pApAd0.5:0.97 LAR0.5: 0:0 icr0:4/5 midly-2 dA5 pd0.17700.334 11278 t5 ps0.959U0.135:0.010-0.990 LCO.003-0.998 icl0000=TR1000:FA0:SR0 C0=TA0:FR0:SA0 pApAd0.5:0.97 LAR0.5 11245 t6 ps0.96700.121:0.016-0.990 LC0.003-0.998 iC1000=TR233:FA767:SR0 C0=TA0:FR0:SA0 papad0.5:0.97 5:0:0 iC70:1.16 midiav-2 da781 pd0.85600.270 111246 t6 ps0.96000.144:0.010-0.990 LC0.004-0.998 iC1000=TR458:FA542:SR0 C0=TA0:FR0:SA0 papad0.5:0.97 5:0:0 iC70:2.46 midiav-2 da551 pd0.72490.359 11275 t5 ps0.961UO.141:0.010-0.990 LCO.003-0.998 1C1000-TR567:FA433:SRO CO=TAO:FRO:SAO papado.5:0.97 3 5:0:0 lCTO:X7 midlay-2 da443 pd0.668UO.37 3 998 1C1000-TR829:FA171:SRO CO=TAO:FRO:SAO papado.5:0.97 3 11276 t5 ps0.95500.184:0.010-0.990 LCO.003-0.990 LCI.000-TR829:FA171:SRO CO=TAO:FRO:SAO papado.5:0.97 3 iCT1:0/5 mid1v-2 dA949 pd0.959U0.144

- L15 ps0.966U0.124:0.010-0.990 LC0.003-0.998 iC0=TR0:FA0:SR0 C1000=TA944:FR56:SA0 pApAd0.5:0.97 iC1000=TR1000:FA0:SR0 C0=TA0:FR0:SA0 set term tgif;set output "test2_s+d1000-bayes_No2.obj";r !cp test2_s+d1000-bayes_No2.obj ~/13iconip/speech/draft/ t15 ps0.013U0.028:0.010-0.806 LC0.002-0.998 0:0 iCT1:0/6 midlv-2 dA954 pd0.962U0.140 11244 t6 ps0.968U0.120:0.010-0.990 LC0.003-0. iCT0:0/6 midlv-2 dA965 pd0.972U0.103 iCT0:5/5 midlv-2 dA0 pd0.014U0.047 11278 t5 ps0.95900.135:0.010-0.990 LC0:0:0 iCT0:5/5 midlv-2 dA0 pd0.01400.047

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11342 # set term tojf.set output "test2_s+d1000-gibbs_yth0_NO2.obj";replot
11343 # top test2_s+d1000-gibbs_yth0_NO2.obj";replot
11344 #Exp3;ytm:-1 yth=0 T=48 # top T
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     11339 #set xiics (0,6,12,18,24);set ytics (0,0.2,0.4,0.6,0.8,1.0);
11340 #set xiics (0,12,4,5,6,7,8,7,0);set ytics (0,0.2,0.4,0.6,0.8,1.0);
11341 #plot [-0,5:18.5][-0.2:1.4] "test2.8+1000_c1,2.2,0.4,0.0,2.04#" using 1:2 w 1, "" using 1:2:3 w error xbars t " pt 4 lt 1, "test2.8+1000_c2_v-2.ytho_No2.dat" using ($1):2 w 1, "" using ($1):2:3 w errorbars t " pt 6 lt 1, 0, 0.5 1

11342 #set term tgifiset output "touro - 2.000.
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11333 set txics (0,6,12,18);set ytics (0,0,5,1.0);set grid
11334 plot (-2,120][-0.11.1] "test2_s+d1000_c2_v-2_yth0_No4.dat" using ($1):($2) t "pg" lt 1, "" using ($1
11334 plot (-2,20][-0.11.1] "test2_s+d1000_c2_v-2_yth0_No4.dat" using ($1+0.2):($1,52);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($4,54);($
                                                                                                                                                                                                                                                                                                                                                                                             LARO.5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                .4,0.6,0.8,1.0);
11326 plot [-2:20][-0.1:1.1] "test2_s+d1000_c2_v-2_yth0_No4.dat" using ($1):($27) t "pcd" lt 1, "" using ($1):($27):($27-$29):($27-$30) with yerrorbars t "" pt 6 lt 1, "test2_s+d1000_c3_v-2_yth0_No4.dat" using ($1-0.2):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27
11291 t15 ps0.965U0.126:0.010-0.990 LCO.003-0.998 iC1000=TR563:FA437:SRO CO=TA0:FRO:SAO PAPAGO.5:0.97 LARO 5:0:0 iCTO:2/5 midlv-2 dA445 pd0.655U0.386 LCO.003-0.998 iC1000=TR820:FA180:SRO CO=TAO:FRO:SAO PAPAGO.5:0.97 LARO 5:0:0 iCTO:3/5 midlv-2 dA183 pd0.452U0.428 lCO.003-0.998 iC1000=TR820:FA180:SRO CO=TAO:FRO:SAO PAPAGO.5:0.97 LARO 1.223 t15 ps0.967U0.122:0.010-0.990 LCO.003-0.998 iC1000=TR995:FA5:SRO CO=TAO:FRO:SAO PAPAGO.5:0.97 LARO.5 coid correctly for midly-2 dA5 pd0.194U0.350 lCO.003-0.998 iC1000=TR995:FA5:SRO CO=TAO:FRO:SAO PAPAGO.5:0.97 LARO.5 coid correctly midly-2 dAA pd0.012U0.033
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            tmp/testsd_stat.dat ../12voicedata/allpole/test2_s+d1000_C${C}_v-2_yth0_No${No}.dat
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papad0.5:0.94 LAR0 iCO=TR0:FA0:SR0 C1000=TA983:FR17:SA0 983U0.025Um0.060Up0.006LC0.002-0.999

readmecan2mspeech.txt

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11377 set style data 1
11378 set style (0.6.12.18.24); set ytics (0.0.5,0.965,1.0); set grid
11379 plot (-2:26](-0.11.1] "test2_s+d1000_C2_y-2_ytho,No5.dat" using ($1):($27):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$20):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($27-$29):($2
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11360 t18 ps0.983U0 0.055Um0.060Up0.006LCO.00200.0999 iC1000=TR30:PR0:SRO CO=TA0:FR33:SAO papadO.5:0.954 LAR 0.5:0:0 iCT0:0/6 mid1v-2 dabg67 pd0.986U0.016Um0.039Up0.004
11361 t18 ps0.983U0.055Um0.050Up0.006CCO.0090.016TR0:PR0:SRO CO=TA0:FR0:SAO papadO.5:0.954 LAR R0.5:0:0 iCT0:1/6 mid1v-2 dabg67 pd0.986U0.044Um0.089Up0.016
11362 t18 ps0.983U0.025Um0.050Up0.0044Um0.089Up0.016
11362 t18 ps0.983U0.025Um0.06CLCO.002-0.999 iC1000=TR899:FA101:SRO CO=TA0:FR0:SAO papadO.5:0.954 LAR R0.5:0:0 iCT0:2/6 mid1v-2 dabl0.pd0.88Um0.145Up0.046
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L42 ps0.986U0.013M0.025Up0.004C0.002-0.999 iCO000=TR0:FR0:SR0 C1000=TA979:FR21:SA0 pApAd0.5:0.965 LAR

iCTO:9/6 midlx-2 dA979 pd0.987U0.014Um0.035Up0.003

t24 ps0.984U0.017Um0.037Up0.005LC0.002-0.999 iC10000=TR165:FA835:SR0 C0=TA0:FR0:SA0 papAd0.5:0.965 LA
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11398 t24 ps0.985U0.017UmO.035UpO.005LCO.002-0.999 iC1000=TR987:FA13:SRO CO=TAO:FR0:SAO pApAdO.5:0.96 LARO 1339 iCTO:2/6 mid1v-2 dA13 pd0.902UO.075UmO.122Dp0.039
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                                                                                                                             11354 t18 psg.9390.0250m0.0500pg.006LCG.002-0.999 iCG=TRO:PAG.SRO L1000=TA991.FR19:SAN E p.55.00 iCTO:0/6 midity-2 dA981 pdd.98600.0166m0.0399pb.004

11354 t18 psg.98300.0255m0.060tpg.006LCG.002-0.999 iCG=TRO:PR0:SRO C1000=TA991:FR19:SAN E p.5.00 iCTO:0/6 midity-2 dA981 pdd.98600.0165m0.039tp0.004

11355 t18 psg.98300.0255m0.060tpg.006LCG.002-0.999 iCG=TRO:PR0:SRO C1000=TA978:FR22:SAN E p.5.00 iCTO:0/6 midity-2 dA978 pdd.98600.0160m0.039tp0.004

11356 t18 psg.98300.0255m0.060tpg.006LCG.002-0.999 iCG=TRO:PR0:SRO C1000=TA976:FR24:SAN E p.5.00 iCTO:0/6 midity-2 dA976 pdd.98600.0160m0.039tp0.004

11357 t18 psg.98300.0255m0.060tp0.006LCG.002-0.999 iCG=TRO:PR0:SRO C1000=TA976:FR24:SAN E p.5.00 iCTO:0/6 midity-2 dA976 pdd.98600.0160m0.039tp0.004

11357 t18 psg.98300.0255m0.060tp0.006LCG.002-0.999 iCG=TRO:PR0:SRO C1000=TA976:FR24:SAN E p.5.00 iCTO:0/6 midity-2 dA976 pdd.98600.0160m0.039tp0.004

11359 t18 psg.0.01200.0122m0.004tp0.023LCG.001-0.998 iCIO00=TR00:FR0:SRO C0=TR0:FR0:SAN E p.5.00 iCTO:0/6 midity-2 dA976 pdd.98600.0160m0.039tp0.004
                                         CT0:0/6 midlv-2 da983 pd0.98600.0160m0.0390p0.004
t18 ps0.98300.0250m0.0600p0.006LC0.002-0.999 iCO=TR0:FA0:SR0 C1000=TA981:FR19:SA0
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#for check pG and pG_d and errorbar:
cd ~/sotu/2012/12voicedata/allpole/
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11418 set style data 1
11419 set style data 1
11419 set style data 1
11420 plot [-2:20][-0.11:1.1] "test2_s+d1000_C2_v-2_yyh0_No4.dat" using ($1.0.2):($2.5):($2-$4):($2+$5) with yerrorbars t "" pt 6 lt 1, "test2_s+d1000_C1_v-2_yth0_No4.dat" using ($1+0.2):($2.142.0]:($2.5):($2-$4):($2+$5) with yerrorbars t "" pt 6 lt 1, "test2_s+d1000_C1_v-2_yth0_No4.dat" using ($1+0.2):($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.0]:($2.142.
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14.17.2 polo (1-2:20] | u.est_2-3=401000_2-2-2-yth0.404ar" using ($1]:($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($27):($
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0.0 LCT1:0/6 midity-Z AAA57 pad0.663U0.135
11454 t5 ps0.963UU.133:0.010-0.990 LC0.003-0.998 iC0=TR0:FA0:SR0 C1000=TA926:FR74:SA0 pApAd0.5:0.97 LAR0.5:0.0 iCT0:0/6 midity-Z AA951 pd0.960U0.141
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10.01 iCT1.0/6 mid1u-2 dA872 pd0.9770U.043
1443 t6 ps0.972U0.056:0.257-0.990 LCO.002-0.999 iCO=TRO:FRO:SRO C1000=TR8B5:FR115:SRO papad0.5:0.97 LARO.5:0.01 iCT0:0/6 mid1u-2 dA887 pd0.979U0.057
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              papad0.5:0.965
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(0.5:0:0 iCT0:1/6 midlw-2 dA835 pd0.975U0.027Um0.051Up0.011
11403 E44 ps0.9985U0.017Um0.0386Up0.005E00.002-099 iC1000=TR994:FA6:SR0 C0=TA0:FR0:SA0
5:0:0 1CT0:2/6 midlw-2 dA6 pd0.902U0.075Um0.122Up0.039
                                                                                                                                                                                                                                                                                                                                                                                                  #for check pG and pG_d and errorbars cd \sim\!/\!\operatorname{sotu}/2012/12\!\operatorname{voicedata/allpole}/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                cd ~/sotu/2012/12voicedata/allpole/
       RO.5:0:0 iCT0:1/6
                                                                                                                                                                                                                                                                                                                                      #for No4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                gnuplot
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11470
11471
118 ps0.015U0.014:0.010-0.310 LC0.001-0.998 iC10000=TR1000:FA0:SR0 CO=TA0:FR0:SA0 pApAd0.5:0.963 LAR0
15.0:0 iCTT:0/6 midity-2 dA965 pg0.98600.020
11473 t18 ps0.983U0.021:0.703-0.990 LC0.002-0.999 iC1000=TR105:FA825:SR0 CO=TA0:FR0:SA0 pApAd0.5:0.963 LAR0
11473 t18 ps0.983U0.023:0.687-0.990 LC0.002-0.999 iC1000=TR175:FA825:SR0 CO=TA0:FR0:SA0 pApAd0.5:0.963 LAR0
11473 t18 ps0.983U0.023:0.687-0.990 LC0.002-0.999 iC1000=TR175:FA825:SR0 CO=TA0:FR0:SA0 pApAd0.5:0.963 LAR0
11474 t18 ps0.983U0.0221:0.760-0.990 LC0.002-0.999 iC1000=TR19:SR0 CO=TA0:FR0:SA0 pApAd0.5:0.963 LAR0
11474 t18 ps0.983U0.0221:0.760-0.990 LC0.003-0.999 iC1000=TR19:SR0 CO=TA0:FR0:SA0 pApAd0.5:0.963 LAR0
11477 t18 ps0.983U0.0221:0.563-0.990 LC0.003-0.999 iC1000=TR100:FA0:SR0 CO=TA0:FR0:SA0 pApAd0.5:0.963 LAR0
11477 t18 ps0.983U0.021:0.703-0.990 LC0.003-0.999 iC1000=TR100:FA0:SR0 CO=TA0:FR0:SA0 pApAd0.5:0.97 LAR0.
11477 t18 ps0.015U0.014:0.010-0.310 LC0.003-0.999 iC1000=TR100:FA0:SR0 CO=TA0:FR0:SA0 pApAd0.5:0.97 LAR0.
11477 t18 ps0.015U0.014:0.010-0.310 LC0.002-0.999 iC1000=TR224:FA776:SR0 CO=TA0:FR0:SA0 pApAd0.5:0.97 LAR0.
11480 t18 ps0.983U0.021:0.703-0.990 LC0.002-0.999 iC1000=TR224:FA776:SR0 CO=TA0:FR0:SA0 pApAd0.5:0.97 LAR0.
11480 t18 ps0.983U0.021:0.703-0.990 LC0.002-0.999 iC1000=TR224:FA776:SR0 CO=TA0:FR0:SA0 pApAd0.5:0.97 LAR0.
11480 t18 ps0.983U0.021:0.703-0.990 LC0.002-0.999 iC1000=TR224:FA776:SR0 CO=TA0:FR0:SA0 pApAd0.5:0.97 LAR0.
11481 t18 ps0.983U0.021:0.760-0.990 LC0.002-0.999 iC1000=TR995:SR0 CO=TA0:FR0:SA0 pApAd0.5:0.97 LAR0.
11481 t18 ps0.983U0.021:0.760-0.990 LC0.002-0.999 iC1000=TR90:FR0:SR0 CO=TA0:FR0:SA0 pApAd0.5:0.97 LAR0.
11481 t18 ps0.983U0.021:0.760-0.990 LC0.002-0.999 iC1000=TR995:SR0 CO=TA0:FR0:SA0 pApAd0.5:0.97 LAR0.
11481 t18 ps0.983U0.021:0.760-0.990 LC0.002-0.999 iC1000=TR995:SR0 CO=TA0:FR0:SR0 pApAd0.5:0.97 LAR0.
11481 t18 ps0.983U0.021:0.760-0.990 LC0.002-0.999 iC1000=TR995:SR0 CO=TA0:FR0:SR0 pApAd0.5:0.97 LAR0.
11481 t18 ps0.983U0.021:0.760-0.990 LC0.002-0.999 iC1000=TR995:SR0 CO=TA0:FR0:SR0 pApAd0.5:0.97 11490 set xtics (0,1.2,3,4.5,6,7.8.9,10);set ytics (0,0.2,0.4,0.6,0.8.1.0);

11491 plot [-0.5:10.5][-0.1:1.1] 'test2_s+d1000_C2_v-2_No4_dat" using 1:(\$13*0.001) t "R" lt 1, "" using 1:(\$14*0.001) t "R" lt 1, "" using 1:(\$15*0.001) t "R" lt 1, "" using 1:(\$14*0.001) t "R" lt 2, "test2_s +d1000_C2_v-2_bayes_No4.dat" using 1:(\$13*0.001) t "R" lt 2, "test2_s +d1000_C2_v-2_bayes_No4.dat" using 1:(\$13*0.001) t "R" lt 2, "test2_s+d1000_C2_v-2_yth0_lo4,dat" using 1:(\$14*0.001) t "R" lt 3, "" using 1:(\$15*0.001) t "R" lt 3, "" using 1:(\$25*0.001) t "R" lt 3, "" using 1:(\$25*0.00 11488 plot [-0.5:10.5][-0.1:1.1] "test2_s+d1000_C2_v-2_NO4.dat" using 1:(\$27) t "pdd" lt 2, "" using 1:27: 28 w errorbars, "test2_s+d1000_C3_v-2_NO4.dat" using (\$1+0.1):(\$27) t "pdd" lt 2, "" using (\$1+0.1):27:28 w errorbars, "test2_s+d1000_C4_v-2_NO4.dat" usin g (\$1+0.2):(\$27) t "pdd" lt 2, "" using (\$1+0.2):27:28 w err 11489 pApAd0.5:0.97 L ps0.016U0.016:0.010-0.222 LC0.001-0.998 iC1000=TR1000:FA0:SR0 C0=TA0:FR0:SA0 papad0.5:0.966 LAR0 errorbars | 11503 set xtics (0,5,10,15,20);set ytics (0,0.2,0.4,0.6,0.8,1.0); | 11503 set xtics (0,5,10,15,20);set ytics (0,0.2,0.4,0.6,0.8,1.0); | 11504 #set xtics (0,1.3,14.5,6.7,8.9,1.0); | 11505 plot [-0.5:20.5][-0.2:1.4] "test2.s+dil000_cr_v-2.yth0_No2.dat" using 1:2 w l, "" using 1:2:3 w extorbars "pt 6 II 1, 0, 0.5, I 1 "test2.s+dl000_cr_v-2.yth0_No2.dat" using (\$1):2 w l, "" using (\$1):2:3 w extorbars "pt 6 II 1, 0, 0.5, I " using (\$1):2:3 w extorbars "pt 6 II 1, 0, 0.5, I " using (\$1):2:3 w extorbars "pt 6 Exp 2.s+dl000-gibbs_yth0_No2.obj "/13iconip/spee^h/^2- replot | 11509 #spApado.sio.966 | 11510 t20 ps0.012... C0=TA0:FR0:SA0 pApAd0.5:0.97 C166=TA156:FR10:SA0 5 t5 ps0.95500.158:0.010-0.990 LC0.003-0.998 iC834=TR218:FP4616:SR0 C 0:0 iCT0:1/6 mid1y-2 dA7/98 pd0.87200.255 6 t5 ps0.95800.146:0.010-0.990 LC0.003-0.998 iC1000=TR481:FP4519:SR0 iCT0:2/6 mid1y-2 dA533 pd0.70900.366 set term tgif;set output "ARS-t-2.obj";replot;set term Xl1 lcp ARS-t-2.obj $^{\sim}/13i\mathrm{conip/speech/draft/}$ cd ~/sotu/2012/12voicedata/allpole/gnuplot #for check pGd for 1,5/6, 4/6 11456 با 11456 با 1000 11483 11484 11485 11486 11487 111494 111495 111496 111497 111499 111500 111502 111503 111504 111505 11482 11493

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(5)t5 0.960U0.146:0.040-0.990 LC0.003-0.998 iC1000-TR0:FA2:SR998 C0=TA0:FR0:SA0 pAR0.5:0.5 LAR0.5
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11593
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11598
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5:0:0 iCTI:0/5 mid1v-2 da563 ps0.99700:0.04
11546 t20 ps0.98300.023:0.589-0.99 LC0.
5:0:0 iCTI:0/5 mid1v-2 da569 ps0.290 LC0.
5:0:0 iCTI:0/5 mid1v-2 da569 ps0.98700:0.04
11547 t20 ps0.98300.023:0.5757-0.990 LC0.002-0.999 iCI000=TR319:FA681:SR0 C0=TR0:FR0:SR0 papad0.5:0.97 LARO.
5:0:0 iCTI:0/5 mid1v-2 da5681 ps0.96400.016:0.020-0.999 iCI000=TR319:FA681:SR0 C0=TR0:FR0:SR0 papad0.5:0.97 LARO.
5:0:0 iCTI:0/5 mid1v-2 da5681 ps0.06400.044
11548 t20 ps0.98300.026:0.552-0.990 LC0.002-0.999 iCI000=TR1000:FR0:SR0 C0=TR0:FR0:SR0 papad0.5:0.97 LARO.
5:0:0 iCTI:0/5 mid1v-2 da50 ps0.033:0.398-0.990 LC0.002-0.999 iCI0000=TR1000:FR0:SR0 C0=TR0:FR0:SR0 papad0.5:0.97 LARO.
5:0:0 iCTI:0/5 mid1v-2 da50 ps0.99500.107
11550 t5 ps0.02000.044:0.010-0.458 LC0.002-0.999 iCI0000=TR1000:FR0:SR0 C0=TR0:FR0:SR0 papad0.5:0.97 LARO.
5:0:0 iCTI:0/5 mid1v-2 da855 ps0.99700.07
11551 t5 ps0.96500.079:0.022-0.990 LC0.002-0.999 iCI0000=TR899:FR0:SR0 SR0:SR0 papad0.5:0.97 LARO.
5:0:0 iCTI:0/5 mid1v-2 da885 ps0.99700.07
11552 t5 ps0.96500.079:0.087-0.990 LC0.002-0.999 iCI0000=TR899:FR0:SR0 SR0:SR0 papad0.5:0.97 LARO.
5:0:0 iCTI:0/5 mid1v-2 da880 ps0.99700.07
11551 t5 ps0.96500.079:0.087-0.990 LC0.002-0.999 iCI0000=TR899:FR3:SR0 C0=TR0:FR0:SR0 papad0.5:0.97 LARO.
5:0:0 iCTI:0/5 mid1v-2 da880 ps0.99700.07
11553 t5 ps0.96600.088:0.434-0.990 LC0.002-0.999 iCI0000=TR8995:FR3:SR0 C0=TR0:FR0:SR0 papad0.5:0.97 LARO.
5:0:0 iCTI:0/5 mid1v-2 da880 ps0.99600.0000-0.999 iCI0000=TR8995:FR3:SR0 C0=TR0:FR0:SR0 papad0.5:0.97 LARO.
5:0:0 iCTI:0/5 mid1v-2 da880 ps0.990 LC0.002-0.999 iCI0000=TR8995:FR3:SR0 C0=TR0:FR0:SR0 papad0.5:0.97 LARO.5:0.97 LARO.5:0.97 LARO.5:0.97 LARO.202 l1553 t5 ps0.96600.068:0.494-0.990 LC0.002-0.999 iCI0000=TR8999:FR1:SR0 C0=TR0:FR0:SR0 papad0.5:0.97 LARO.5:0.90 iCTI:0.2/5 mid1v-2 da1 pd0.36800.172
                                                                                                                                11536 t20 ps0.01600.016:0.010-0.222 LC0.001-0.998 iC1000=TR1000:FA0:SR0 C0=TA0:FF0:SA0 papado.5:0.963 LARO
11537 t20 ps0.98300.023:0.589-0.999 LC0.002-0.999 iC1000=TR20:SR0 C1000=TA978:FR22:SA0 papado.5:0.963 LARO
11538 t20 ps0.98400.016:0.757-0.990 LC0.002-0.999 iC1000=TR262:FA738:SR0 C0=TA0:FR0:SR0 papado.5:0.963 LAR
11538 t20 ps0.98400.016:0.757-0.990 LC0.002-0.999 iC1000=TR262:FA738:SR0 C0=TA0:FR0:SR0 papado.5:0.963 LAR
11539 t20 ps0.98400.016:0.757-0.990 LC0.002-0.999 iC1000=TR262:FA738:SR0 C0=TA0:FR0:SA0 papado.5:0.963 LAR
11539 t20 ps0.98300.026:0.552-0.990 LC0.002-0.999 iC1000=TR1000:FA0:SR0 C0=TA0:FR0:SA0 papado.5:0.963 LARO
11540 t20 ps0.98300.026:0.522-0.990 LC0.002-0.999 iC1000=TR1000:FA0:SR0 C0=TA0:FR0:SA0 papado.5:0.963 LARO
11540 t20 ps0.98200.033:0.398-0.990 LC0.002-0.999 iC1000=TR1000:FA0:SR0 C0=TA0:FR0:SA0 papado.5:0.963 LARO
11540 t20 ps0.98200.033:0.398-0.990 LC0.002-0.999 iC1000=TR1000:FA0:SR0 C0=TA0:FR0:SA0 papado.5:0.963 LARO
11550 iCT0:3/5 mid1v-2 dap ps0.990 LC0.002-0.999 iC1000=TR1000:FA0:SR0 C0=TA0:FR0:SA0 papado.5:0.963 LARO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               11522 #20 ps0. 016UO.016:0.010-0.222 LCO.001-0.998 iC1000=TR1000:FA0:SR0 C0=TA0:FRO:SA0 PAPAAGO.5:0.965 LARO
5:0:0 iCTT:0/5 midlu-2 dA968 pd0.98T0.0.14
11524 # L20 ps0. 993UO.023:0.589-0.990 LCO.002-0.999 iCC0=TR0:FA0:SR0 C1000=TA973:FR27:SA0 PAPAAGO.5:0.965 LARO
5:0:0 iCTO:0/5 midlu-2 dA973 pd0.98T00.0.01
15155 #20 ps0. 994UO.016:0.757-0.999 LCO.002-0.999 iC10000=TR273:FR727:SR0 C0=TA0:FR0:SA0 PAPAAGO.5:0.965 LAR
11526 #20 ps0. 998UO.026:0.552-0.999 LCO.002-0.999 iC10000=TR273:FR727:SR0 C0=TA0:FR0:SA0 PAPAAGO.5:0.965 LARO
11526 #20 ps0. 998UO.026:0.552-0.990 LCO.002-0.999 iC10000=TR1000:FA0:SR0 C0=TA0:FR0:SA0 PAPAAGO.5:0.965 LARO
11527 #20 ps0. 998UO.026:0.552-0.990 LCO.002-0.999 iC1000=TR1000:FA0:SR0 C0=TA0:FR0:SA0 PAPAAGO.5:0.965 LARO
11527 #20 ps0. 998UO.036:0.590 LCO.002-0.999 iC1000=TR1000:FA0:SR0 C0=TA0:FR0:SA0 PAPAAGO.5:0.965 LARO
11527 #20 ps0. 998UO.033:0.398-0.990 LCO.002-0.999 iC1000=TR1000:FA0:SR0 C0=TA0:FR0:SA0 PAPAAGO.5:0.965 LARO
11527 #20 ps0. 998UO.033:0.398-0.990 LCO.002-0.999 iC1000=TR1000:FA0:SR0 C0=TA0:FR0:SA0 PAPAAGO.5:0.965 LARO
11528 #20 ps0.998UO.033:0.398-0.399 LCO.002-0.999 iC1000=TR1000:FA0:SR0 C0=TA0:FR0:SA0 PAPAAGO.5:0.965 LARO
11528 #20 ps0.998UO.033:0.398-0.399 LCO.002-0.999 iC1000=TR1000:FA0:SR0 C0=TA0:FR0:SA0 PAPAAGO.5:0.965 LARO
11528 #20 ps0.998UO.033:0.39800.030
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      11530 t20 ps0.016U0.016:0.010-0.222 LCO.001-0.998 iC1000=TR1000:FA0:SR0 C0=TA0:FR0:SA0 pApAdO.5:0.964 LARO 2.5:0.964 LARO 2.5:0.967 LOS 2.5:0.967 LAS 2.5:0.967 LA
                                              LC0.002-0.999 iC0=TR0:FA0:SR0 C1000=TA972:FR28:SA0 pApAd0.5:0.966 LAR0
                                                                                                         midlv-2 dA972 pd0.987U0.011
.987U0.014
                                              11511 t20 ps0.983U0.023:0.589-0.990
5:0:0 iCTO:0/5 midlw-2 dA972 pd0.987U
     pd0.
5:0:0 iCT1:0/5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 #0.965
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 11522
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          11528
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```

if [*\$C" = "1"]; then iCs=1; iCd=0; fi
if [*\$C" = "2"]; then iCs=0; iCd=0; fi
if [*\$C" = "4"]; then iCs=0; iCd=1; fi
if [*\$C" = "4"]; then iCs=0; iCd=2; fi
if [*\$C" = "5"]; then iCs=0; iCd=3; fi
if [*\$C" = "6"]; then iCs=0; iCd=4; fi
if [*\$C" = "6"]; then iCs=0; iCd=4; fi
if [*\$C" = "7"]; then iCs=0; iCd=4; fi
test=test:5:1000:\$(iCs):\$(ICs):\$(ICs):\$(ICd):\$(ICs):\$(ICd):\$(ICs):\$(ICd):\$(ICs):\$(ICd):\$(ICs):\$(ICd):\$(gnuplot set xtics (0,1,2,3,4,5,6,7,8,9,10);set ytics (0,0.2,0.4,0.6,0.8,1.0); plot [-0.5:10.5][-0.2:1.4] "test_s+d1000_C1_v-2_N02.dat" using 1:2 w l, "" using 1:2:3 w errorbars t 11566 make DEBUG=-g speakerdigit_v2 11567 speakerdigit_v2 fd:../12voicedata/allpole/oob4d:-1N40mbas2:300:1.6:1.y nSDL:7:10:10 pmin:0.01 ytm:1: 0.9:1000 void:0 gibbs:1 beca:1 sdP:0:0:12:3:4:5:6:7:8:9 lT:1 sdT:0:0:1:2:3:4:5:6:7:8:9 ver:-2 pApAdT:0.5:0. 11568 speakerdigit v2 fc. ''C' '' 11569 speakerdigit_v2 fs:../12voicedata/allpole/oob4s:-IN40mbas2:300:1.6:1.y fd:../12voicedata/allpole/oob 4-LN40mbas2:300:1.6:1.y nSD::/7:10:10 pmh::0.10 yrm:1:0.9:100 voidis o gibbs: beta:1 sd::0:0:1:2:3:45:6:7:8:9 ver:-2 phpAdT:0:5:0;9:10 LAR:0.5:0:0 test:5:1000:0:0:5 11612 #No=1;7=5;nA=1;for C in 1 2 3 4 5 6 7; do 11613 (1)E5 \$P>0.02100.04450.0100.04450.010-0.345 LC0.002-0.998 iC1000=TR1000:FA0:SR0 CO=TA0:FR0:SA0 pAR0.5:0.5 LARO. 5:0:1 iCT1:0/5 mid1v-2 dA957 11614 (2)E5 \$P>0.96000.153:0 n70-0 non --- ---"test_s+d1000_C2_v-2_No2.dat" using (\$1):2 w 1, "" using (\$1):2:3 w errorbars t "" pt 6 lt 1, 0, #test=test:5:1000:\${ics}:\${icd}:5:paRT=paRT:0.7:0.15:10;LaR=LaR:0.7:0.000:1;ver=ver:-2; \$1T \$sdT \$ver #test=test:5:1000:\${1Cs}:\${1Cd}:5;pART=pART:0.6:0.1:10;LAR=LAR:0.7:0.000:1;ver=ver:-2; ../12voicedata/allpole/test_s+d1000_C\${C}_v-2_No\${No}.dat echo "#\$test;\$pART;\$LAR" cmd="speakerdigit_v \$fs \$fd \$nSDL \$pmin \$ytm \$PNr \$void \$gibbs \$beta \$sdP readmecan2mspeech.txt "test_s+d1000-gibbs_No2.obj";replot #new pART: #new uncertainty k=1.65 --> k=1(means standard_deviation) on 2013/02/27 New North No = "10"]; then LAR=LAR:0.5:0:2; fi "#Done for \$test; \$paRT; \$LaR" tmp/testsd_stat.dat ../12voicedata/allpole/ 2013/05/26 for iconip2013 2013/05/20 for iconip2013 set term tgif;set output echo \$cmd; \$cmd; Page 181

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#best for

ver

\$PART \$LAR \$

0.5

<0.977U0.065:0.369-0.990 LC0.003-0.998 iC1000=TR0:FA22:SR978 C0=TA0:FR0:SA0 pAR0.5:0.5 LAR0</p> /5 midlv-2 dA879

PAR0.5:0.5 LAR0 LC0.003-0.998 iC1000=TR0:FA0:SR1000 C0=TA0:FR0:SA0 pAR0.5:0.5 LC0.003-0.998 iC1000=TR0:FA0:SR1000 C0=TA0:FR0:SA0 11623 (3)t10 cpo.97700.065:0.369-0.990 (20.1) icryl.75 midthy-2 dA2. 11624 (4)t10 cpo.97400.081:0.381-0.990 (5)t11 icr0:2/5 midthy-2 dA0. 11625 (5)t10 cpo.97600.088:0.601-0.990 (5)t10 cpo.97600.088:

11626 (6)t10 cp>0.97200.095:0.308-0.990 LCO.003-0.998 iC1000=TRO:FRO:SR1000 C0=TRO:FRO:SR0 paRO.5:0.5 LARO
5.5:01.1 iCTO:4/5 mid.1y-2 dA0
11627 (7)t10 cp>0.37300.092:0.144-0.990 LCO.003-0.998 iC1000=TRO:FRO:SR1000 C0=TRO:FRO:SR0 paRO.5:0.5 LARO
5:01.1 iCTO:5/5 mid.1y-2 dA0

#No=2;T=5;nA=0;pA=pR=LA=0.5,gibbs 11628

11630 (1)t5 0.02100.044:0.010-0.345 LC0.002-0.998 iC1000=TR1000:FA0:SR0 C0=TA0:FR0:SA0 5:0:0 iCT1:0/5 midly-2 dA838

pAR0.5:0.5

11631 (2)t5 0.960U0.153:0:0 iCT0:0/5 midlv-2 dA839

11632 (1)165 cpm. 1162. Tem. 11632 (1)165 cpm. 11633 (1)165 cpm. 11633 (1)165 cpm. 11634 (1)165 cpm. 1

iCT0:0/5 midly-2 dA760

11638

11639 tl ep>0.01200.042:0.010-0.795 LCO.002-0.997 iC1000=TR999:FAl:SRO CO=TAO:FRO:SAO PARO.5:0.5 LARO.5:0:0 10TT1:0/5 haiditv-2 dA3063
11640 tl ep>0.668U0.491:0.10-0.823 LCO.003-0.998 iCO=TR0:FAO:SR212 C782=TA629:FR119:SA34 PARO.5:0.5 LARO.5:0:0 icTCO:0/5 miditv-2 dA395
11641 tl ep>0.668U0.493:0.010-0.823 LCO.003-0.998 iC218=TR6:FAO:SR212 C782=TA629:FR119:SA34 PARO.5:0.5 LARO.5:0:0 icTCO:1/5 miditv-2 dA3754
11642 tl ep>0.668U0.496:0.010-0.823 LCO.003-0.998 iC392=TR6:FAO:SR32 C608=TA489:FR98:SA31 PARO.5:0.5 LARO.5:0:0 icTCO:1/5 miditv-2 dA394
11643 tl ep>0.683U0.496:0.010-0.823 LCO.003-0.998 iC602=TR6:FAO:SR392 C398=TA329:FR54:SA15 PARO.5:0.5 LARO.5:0:0 icTCO:3/5 miditv-2 dA393
11644 tl ep>0.683U0.496:0.010-0.823 LCO.003-0.998 iC784=TR18:FA6:SR592 C398=TA329:FR54:SA15 PARO.5:0.5 LARO.5:0:0 icTCO:3/5 miditv-2 dA393
11644 tl ep>0.677U0.477:0.010-0.823 LCO.003-0.998 iC784=TR18:FA6:SR760 C216=TA177:FR29:SA10 PARO.5:0.5 LARO.5:0:0 icTCO:4/5 miditv-2 dA330

11645 t1 cp>0.675U0.481:0.010-0.823 LC0.003-0.998 iC1000=TR18:FA5:SR977 C0=TA0:FR0:SA0 pAR0.5:0.5 LAR0.5:0
1.010:5/5 mid1v-2 dA23
1.1646

11651 ##NO1:T=5;nA=1;pA=pR=LA=0.5
11652 #t5 0.9600.153:0.072-0.990 LC0.003-0.998 iCO=TR0:PR0:SR0 C1000=TA951:PR10:SA39 pAR0.5:0.5 LAR0.5:0.1 LC02.0.5.midty-2 dA961
11653 #t5 0.96100.142:0.069-0.990 LC0.003-0.998 iCO=TR0:PR0:SR0 C1000=TA866:PR4:SA130 pAR0.5:0.5 LAR0.5:0.1 L1653 #t5 0.1 LCT0:12.5.midty-2 dA870
11654 #t5 0.1 LCT0:2.5.midty-2 dA27
11655 #t5 0.1 iCT0:2.5.midty-2 dA27
11656 #t6 0.1 iCT0:2.5.midty-2 dA367
11650 #t6 0.1

11657 ##No=2/T=5/nA=0.pA=pR=LA=0.5 11658 #ts 2pt.0.6000.135:0.072-0.990 LCO.003-0.998 iCO=TRO:PAO:SRO C1000=TA831:PR8:SA161 pAR0.5:0.5 LAR0.5 0:0. iCT0:0/5 mid1y-2 dA839 small dA NG?

11664 #t10 0.973U0.105:0.172-0.990 LCO.003-0.998 iCO=TRO:FAO:SRO C1000=TA759:FR1:SA240 pARO.5:0.5 LARO 5:0:0 iCTO:0/5 midlw-2 dA760 smaller-dA NG #t10 0.973U0.105:0.172-0.990 LC0.003-0.998 iC0=TR0:FA0:SR0 C1000=TA965:FR3:SA32 pAR0.5:0.5 11665

11668 #tl0 20.973U0.099:0.171-0.990 LCO.003-0.998 iCO=TRO:FAO:SRO C1000=TA907:FR3:SA90 pARO.5:0.5 LARO.E:0:2 iCT0:1/10 midity-2 dA310 11669 #tl0 20.770:1/10 midity-2 dA310 11669 #tl0 20.790:0.05s:0.593-0.990 LCO.003-0.998 iCO=TRO:FAO:SRO C1000=TA803:FR0:SA197 pARO.5:0.5 LARO. 5:0:2 iCT0:22/10 midity-2 dA803 .0:2 icT0:0/10 midlv-2 da968 11668 #t10 0.973U0.099:0.171-0.990 LC0.003-0.998 iCO=TR0:FA0:SR0 C1000=TA907:FR3:SA90 pAR0.5:0.5

readmecan2mspeech.txt Jun 19 2021 08:15:37 PAR0.5:0.5 LAR0.5 C0=TA0:FR0:SA0 pAR0.5:0.5 LAR0.5 <0.973U0.107:0.251-0.990 LC0.003-0.998 iC1000=TR0:FA44:SR956 C0=TA0:FR0:SA0</p> icT0:3/10 mid1v-2 dA44 1 #t10 02000.030:0.010-0.222 LC0.002-0.859 iC1000=TR1000:FA0:SR0 iCT1:0/10 midlv-2 dA970 #t10

11675 #(1)t5 cp>0.960U0.153:0.072-0.990 LCO.003-0.998 iCO=TRO:FA0:SRO C1000=TA937:FR2:SA61 PARO.7:0.15 LAR 0.7:0.11 iCTO:0/5 midlatv-2 da957.

11676 #(2)t5 cp>0.960U0.142:0.069-0.990 LCO.003-0.998 iCO=TRO:FA0:SRO C1000=TA850:FR0:SA150 PARO.7:0.15 LA RO.7:0:11 iCTO:1/5 midlav-2 da863 LCO.003-0.990 LCO.003-0.998 iCO=TRO:FA0:SRO C1000=TA850:FR0:SA150 PARO.7:0.15 LAR 1.1677 #(3)t5 cp>0.95000.163:0.062-0.990 LCO.003-0.998 iC1000=TR0:FA18:SRO86 CO=TA0:FR0:SA0 PARO.7:0.15 LAR 1.1678 #(4)t5 cp>0.02100.044:0.010-0.345 LCO.002-0.998 iC1000=TR995:FA0:SR5 CO=TA0:FR0:SA0 PARO.7:0.15 LAR0 1.1679 # ##!Error Rate: FP FN ER yth [%] involving void=m7.
6.000 2.000 5.429 -0.993 m0
6.000 4.000 5.142 -0.993 m
6.000 4.000 5.143 -0.900 m1
6.000 5.000 5.143 -0.900 m3
6.333 4.000 5.143 -0.690 m3
6.000 3.000 5.714 -0.641 m4
6.000 4.000 5.714 -0.601 m5
6.000 4. #t10 0.973U0.105:0.172-0.990 LC0.003-0.998 iCO=TR0:FA0:SR0 C1000=TA866:FR0:SA134 pAR0.8:0.15 LAR0 icdTO(AlROSO) icdTO(AlROS1) ? icdT1(A2R0S2) x icdT1(A2R0S3) icdT1(A3R0S1) icdT0(A2R0S1) icdT0(A3R0S0 1114 1114 1114 1144 1112 | 11667 | #XXXXXXXXLC0. 93921 | 100.0 2 0.0114 | 11688 | #XXXXXXXXLC0. 93921 | 100.0 2 0.02036 | 11689 | #XXXXXXXXXLC0. 93921 | 100.0 1 0.92020 | 11689 | #XXXXXXXXXXLC0. 93921 | 100.0 2 0.02036 | 11690 | #XXXXXXXXXXLC0. 100.0072 | 100.0 2.02036 | 11690 | #XXXXXXXXXXLC0. 00772 | 106.1 0.92209 | 11693 | #XXXXXXXXXXXLC0. 00772 | 106.1 0.02130 | 11690 | #XXXXXXXXXXXLC0. 00772 | 106.2 0.0013 | 11690 | #XXXXXXXXXXXXLC0. 00772 | 106.5 0.013 | 11690 | #XXXXXXXXXXXLC0. 00772 | 106.5 0.013 | 11690 | #XXXXXXXXXXXXLC0. 00772 | 106.5 0.013 | 11690 | 0.000 | 0.000 | 0.400 | 0.714 | 0.900 | ml | 11700 | 0.000 | 0.000 | 0.5.14 | 0.900 | ml | 11701 | 0.000 | 0.000 | 0.5.14 | 0.900 | ml | 11701 | 0.000 | 0.000 | 0.714 | 0.611 | ms | 11702 | 0.000 | 0.714 | 0.611 | ms | 11704 | 0.000 | 0.000 | 0.714 | 0.611 | ms | 11706 | #FPP=0.0590476 (+0.003492) | cFNV=0 | 59104 | ms | 11700 | 1.905 | 4.286 | 2.143 | 0.653 | ms | 11712 | 1.905 | 4.286 | 2.143 | 0.623 | ms | 11712 | 1.905 | 4.286 | 2.143 | 0.623 | ms | 11712 | 1.905 | 4.286 | 2.143 | 0.623 | ms | 11713 | 1.905 | 4.286 | 2.143 | 0.623 | ms | 11714 | 1.905 | 4.286 | 0.143 | 0.663 | ms | 11714 | 1.905 | 4.286 | 2.143 | 0.663 | ms | 11714 | 1.905 | 4.286 | 2.143 | 0.663 | ms | 11714 | 1.905 | 4.286 | 2.143 | 0.663 | ms | 11714 | 1.905 | 4.286 | 2.143 | 0.663 | ms | 11714 | 1.905 | 4.286 | 2.143 | 0.663 | ms | 11714 | 1.905 | 4.286 | 0.143 | 0.663 | ms | 11714 | 1.905 | 4.286 | 0.143 | 0.663 | ms | 11714 | 1.905 | 4.286 | 0.143 | 0.663 | ms | 11714 | 4.789 | 0.900 | ms | 11714 | 4.789 | 0.900 | ms | 11714 | 4.789 | 0.900 | ms | 11717 | 4.789 | 0.900 | ms | 11717 | 4.789 | 0.0730 | ms | 11717 | 4.789 ##tmp/testd.dat for (2) iCT0:0/5 midlv-2 dA872 11680 11681 11681 11682 11683 11684 11685

involving void=m10.

<FN>=0.0385714+-0.0221245 TotalUncertainty+-0.0159876(k1.65) <ERR>=0.01

19 #Exp2: gibbs=gibbs:0; ==bayes #bayesでは分散が大きく、バラつく
20 #No=1r=5,na=1i#for c in 1 2 3 4 5 6 7; do
22 #No=3r=2,na=0;for c in 1 2 3 4 5 6 7; do
22 #No=3r=20;na=1;for c in 1 2 3 4 5; do
23 if ["\$C" = "1"]; then iGs=0; idd=0; fi
24 if ["\$C" = "2"]; then iGs=0; idd=0; fi
25 if ["\$C" = "4"]; then iGs=0; idd=1; fi
25 if ["\$C" = "4"]; then iGs=0; idd=2; fi
26 if ["\$C" = "4"]; then iGs=0; idd=3; fi
27 if ["\$C" = "6"]; then iGs=0; idd=4; fi
28 if ["\$C" = "6"]; then iGs=0; idd=4; fi
29 if ["\$C" = "7"]; then iGs=0; idd=4; fi 11720 11721 11722 11723 11724 11725 11726 11727 11728

test=test:5:1000:\${ics}:\${icd}::\${T};paRT=paRT:0.5:0.5:10;LaR=LaR:0.5:0:\${na};ver=ver:-2; #best for v #test=test:5:1000:\${ics}:\$par=par=par=par=0.5:0.5:10;LaR=LaR:0.5:0.000:1;ver=ver:-2; #best for ver ver: #test=test:5:1000:\${ics}:\${icd}:5;pART=pART:0.6:.1:10:LAR=LAR:0.7:0.000:1;ver=ver:-2; #test=test:5:1000:\${ics}:\${icd}:5;pART=pART:0.7:.1:10;LAR=LAR:0.7:0.000:1;ver=ver:-2; er:-2 11731 11733 11732

echo "#\$test;\$paRT;\$LAR" cmd="speakerdigit_v \$fs \$fd \$nSDL \$pmin \$ytm \$PNr \$void gibbs:0 \$beta \$sdP \$1T \$sdT \$ver \$pART \$LAR #test=test:5:1000:\${ics}:s;Icd}:5:paRT=paRT:0.5:.008:10:LaR=LaR:0.7:0.000:1;ver=ver:-2;

```
11816 #0.5
11817 t5 <p
                                                                                                                                                                                                                                                                                                      11803
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             111851
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                                                                                                                                                                                                                                                                                                                                                                                            11805
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    11763 #nouse#t5 cp>0.96300.212:0.010-0.990 LCO.003-0.998 iCO=TRO:FRO:SRO C1000=TR05:FR14:SR130 pARO.5:0.5 LARO.5:0.1 iCTO:1/5 midlv-2 dA870
11764 #nouse#t5 cp>0.96000.234:0.010-0.990 LCO.003-0.998 iC1000=TR4:FR23:SR973 CO=TR0:FRO:SR0 pARO.5:0.5 LARO.5:0.1 iCTO:2/5 midlv-2 dA27
11765 #nouse#t5 cp>0.96000.234:0.010-0.806 LCO.002-0.998 iC1000=TR4:FR23:SR973 CO=TR0:FRO:SR0 pARO.5:0.5 LARO.5:0.1 iCTO:2/5 midlv-2 dA27
11765 #nouse#t5 cp>0.96000.233:0.010-0.806 LCO.002-0.998 iC1000=TR998:FR2:SR0 CO=TR0:FRO:SR0 pARO.5:0.5 LARO.5:0.1 iCTI:0/5 midlv-2 dA967
                                                                                                                                                                                                                                                             11745 set_xtics (0,1,2,3,4,5,6,7,8,9,10);set ytics (0,0.2,0.4,0.6,0.8,1.0);
11746 plot [-0.5:10.5][-0.2:1.4] "test_s+d1000_C1_v-2-bayes_No2.dat" using 1:2 w 1, "" using 1:2:3 w error
11747 "test_s+d1000 C2 v-2-haves No 2-1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 LARO.7:0:1 iCTO:0/5 midit-2 dA957

11768 #nouse#(215 epo.95010.212:0.010-0.990 LCO.003-0.998 iCO=TRO:PRO:SRO C1000=TA848:PFR2:SA150 pARO.6:0

11 LAGO 7:0:1 iCTO:1/5 midit-2 dA863

11769 #nouse#(315 epo.96000.234:0.010-0.990 LCO.003-0.998 iCO999=TRO:PR16:SR983 C1=TA0:PR1:SA0 pARO.6:0.1

11ARO.7:0:1 iCTO:2/5 midit-2 dA19

11770 #nouse#(415 epo.01300.065:0.010-0.806 LCO.002-0.998 iC1000=TR998:PA2:SR0 C0=TA0:PR0:SA0 pARO.6:0.1

1ARO.7:0:1 iCTO:2/5 midit-2 dA19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      11752 (1)t5 cp>0.01300.065:0.010-0.806 LC0.002-0.998 iC1000=TR9999:FA1:SR0 C0=TA0:FR0:SA0 pAR0.5:0.5 LAR0.5
:0.01 iCT1:0/5 mid1V-2 dA838
:10.02 iCT1:0/5 mid1V-2 dA838
:10.03 iCT0:0/5 mid1V-2 dA838
:10.03 iCT0:0/5 mid1V-2 dA839
:10.03 iCT0:03 iCT0:03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        #test=test:5:1000:${ic3}:${id3}:${id4}:5:paRT=paRT:0.5:.5:10;laR=laR:0.5:0.0:1:ver=ver:-2; #best for ver:-2 #test=test:5:1000:${ic4}:5:paRT=paRT:0.6:.15:10;laR=laR:0.7:0.000:1:ver=ver:-2; #best for ver
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SPART SLAR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            11762 #nouse#t5 CP>0.966U0.209:0.010-0.990 LC0.003-0.998 iCO=TR0:PA0:SR0 C1000=TA938:PR23:SA39 pAR0.5:0.5 LAR0.5:0:1 iCT0:0/5 mid1y-2 dA961 11763 #nouse#t5 CP>0.963U0.212:0.010-0.990 LC0.003-0.998 iCO=TR0:PA0:SR0 C1000-TABEE.TEOFT PAO:SR0 C1000-TABEE Description C1000-TABEE Description C1000-0.990 LC0.003-0.998 iCO=TR0:PA0:SR0 C1000-TABEE Description C1000-TABEE 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       #nouse#(1)t5 0.966U0.209:0.010-0.990 LC0.003-0.998 iC0=TR0:FA0:SR0 C1000=TA932:FR9:SA59 pAR0.6:0.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 11758 (7)t5 cp>0.961U0.228:0.010-0.990 LC0.003-0.998 iC1000=TR0:FA0:SR1000 C0=TA0:FR0:SA0 pAR0.5:0.5 LAR0
s:0:0 iCT0:5/5 midly-2 dA0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       test=test:5:1000:${ics}:${1C}:${1T}:paRT=paRT:0.5:0.5:10;LaR=LaR:0.5:0:${nA}:ver=ver:-2: #best for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       #test=test:5:1000:${ics}:$ficd}:5:paRT=paRT:0.5:.008:10;LaR=LaR:0.7:0.000:1;ver=ver:-2; #best for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  echo "#Done for $test;$pART;$LAR"
cmd="cp tmp/testsd_stat.dat ../12voicedata/allpole/test_s+d1000_C${C}_v-2-bayes_No${No}.dat"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                echo "#$test;$paRT;$LaR"
cmd="speakerdigit_v $fs $fd $nSDL $pmin ytm:-1 $PNr $void $gibbs $beta $sdP $lT $sdT $ver
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              set term tgif/set output "test_s+d1000-bayes_No2.obj";replot
!op test_s+d1000-bayes_No2.obj ~/13iconip/speech/draft/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  #No=2;T=5;nA=0;pA=pR=LA=0.5,bayes
                                                                                                                                                                                                                                                        cd ../12voicedata/allpole/
gnuplot
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                5:0:0 iCT0:1/5 midlv-2 dA17
                                                                                                                              echo $cmd; $cmd;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 echo $cmd; $cmd;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  #nouse##0.5
$cmq;
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11824 t 5 + 20-0 5600.10 188:0.188 - 0.990 LCO.002-0.999 iCO=TR0:FA0:SRO C1000=TA914;FR0:SA86 pARO.6:0.15 LARO.7:
0:11 iCTO:075 midity-2 dA918
11824 t 5 + 20-0 96400.144:0.089-0.990 LCO.002-0.999 iCO=TR0:FA0:SRO C1000=TA765;FR1:SA234 pARO.6:0.15 LARO.7:
0:11 iCTO:02 midity-2 dA768
11825 t 5 + 20-0 96400.144:0.089-0.990 LCO.002-0.999 iC1000=TR0:FR0:SRS C0=TA0:FR0:SA3 pARO.6:0.15 LARO.7:
0:11 iCTO:02 midity-2 dA788
11825 t 5 + 20-0 06400.075:0.010-0.888 LCO.002-0.999 iC1000=TR995:FA0:SRS C0=TA0:FR0:SA0 pARO.6:0.15 LARO.7:0.
11826 t 5 + 20-0 0.0100.075:0.010-0.888 LCO.002-0.999 iC1000=TR995:FA0:SRS C0=TA0:FR0:SA0 pARO.6:0.15 LARO.7:0.
11829 2.0003 2.000 2.143 0.000 md
11830 1.000 8.000 2.143 0.000 md
11831 2.333 0.000 2.000 0.000 md
11833 2.667 5.000 3.286 0.000 md
11833 2.667 5.000 3.286 0.000 md
11833 1.000 2.000 0.000 md
11833 1.000 5.714 1.143 0.000 md
11834 1.000 5.714 1.143 0.000 md
11839 1.000 5.714 1.143 0.000 md
11840 1.270 11.429 2.286 0.000 md
11841 1.115 7.14 1.143 0.000 md
11841 1.115 7.14 1.143 0.000 md
11843 1.000 1.000 1.429 0.000 md
11844 1.000 1.000 1.429 0.000 md
11844 1.000 1.429 0.000 md
11845 1.000 1.000 1.429 0.000 md
11847 1.000 1.429 0.000 md
11848 4.7143 2.286 0.000 md
11848 1.000 1.000 1.429 0.000 md
11849 1.000 1.429 0.000 md
11841 1.000 1.429 0.000 md
11841 1.000 1.429 0.000 md
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11843 1.000 1.429 0.000 md
11844 1.000 1.429 0.000 md
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1 LOTO:0:0:7 midlay = AA332
11818 t5 -0.990 LCO:002-0.999 iCO=TRO:FRO:SRO C1000=TARB14:FR3:SA183 pARO.5:0.5 LARO.5:0.5 L
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0:1 icT0:1/5 mid1v-2 dAg17

11819 t5 0.9010.150:0.089-0.990 LC0.002-0.999 iC1000=TR2:FR24:SR974 C0=TA0:FR0:SA0 pAR0.5:0.5 LAR0.5:0

11 CT0:2/5 mid1v-2 dA26

11 CT0:2/5 mid1v-2 dA26

11820 t5 0.01800.075:0.010-0.888 LC0.002-0.999 iC1000=TR999:FA1:SR0 C0=TA0:FR0:SA0 pAR0.5:0.5 LAR0.5:0:1

1 iCT1:0/5 mid1v-2 dA943
                                                                                                                                                    plot [-0.5:10.5][-0.2:1.4] "test_s+dl000_C1_v-2-yth0_No2.dat" using 1:2 w 1, "" using 1:2:3 w errorb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             #EXP3.No=2/T=5;nA=0;pA=pR=LA=0.5, bayes, yth=0 (1)t5 cp=1018t0:FR0:SAO paR0.5:0.5 LAR0.5 (1)t5 cp>0.018u0.075:0.010-0.888 LC0.002-0.999 iC1000=TR999:FA1:SR0 C0=TA0:FR0:SAO paR0.5:0.5 LAR0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              (2)t5 0.962U0.158:0.185-0.990 LC0.002-0.999 iC0=TR0:FA0:SR0 C1000=TA773:FR3:SA224 pAR0.5:0.5 LAR0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             11810 (4)t5 cp>0.961U0.150:0.089-0.990 LCO.002-0.999 iC1000=TR0:FR0:SR1000 CO=TR0:FR0:SR0 paro.5:0.5 Laro.
5:0:0 iCT0:2/5 midly-2 dA0
11811 (5)t5 cp>0.9650U0.148:0.025-0.990 LCO.002-0.999 iC1000=TR0:FA0:SR1000 CO=TR0:FR0:SR0 paro.5:0.5 Laro.
5:0:0:0 iCT0:3/5 midly-2 dA0
11812 (6)t5 cp>0.9550U0.154:0.072-0.990 LCO.002-0.999 iC1000=TR0:FA0:SR1000 CO=TR0:FR0:SR0 paro.5:0.5 Laro.
11812 (6)t5 cp>0.9550U0.154:0.072-0.990 LCO.002-0.999 iC1000=TR0:FA0:SR1000 CO=TR0:FR0:SR0 paro.5:0.5 Laro.
11812 (6)t5 cp>0.9550U0.154:0.072-0.990 LCO.002-0.999 iC1000=TR0:FR0:SR1000 CO=TR0:FR0:SR0 paro.5:0.5 Laro.
                                                                                                                                                                                                                 ars t "" pt 4 lt 1, \
11802 "test_s+d1000_c2_v-2-yth0_No2.dat" using 1:2 w l, "" using 1:2:3 w errorbars t "" pt 6 lt 1, 0, 0.5,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (3)t5 0.964U0.144:0.089-0.990 LC0.002-0.999 iC1000=TR1:FA13:SR986 C0=TA0:FR0:SA0 pAR0.5:0.5 LAR0.
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5:0:0 iCT0:5/5 mid1v-2 dA0
set xtics (0,1,2,3,4,5,6,7,8,9,10);set ytics (0,0.2,0.4,0.6,0.8,1.0);
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                                                                                                                                     Exp4: check bayes and gibbs No=4;T=5;Ne25;C=2;C g in 0 1 2; do lf ["$g" = "1"]; then gibbs=gibbs:0; ytm=ytm:1:0.9:1000; if ["$g" = "1"]; then gibbs=gibbs:1; ytm=ytm:1:0.9:1000; if ["$g" = "1"]; then gibbs=gibbs:1; ytm=ytm:-1; fi if ["$g" = "2"]; then gibbs=gibbs:1; ytm=ytm:-1; fi if ["$g" = "2"]; then iGs=1; id=0; fi if ["$g" = "3"]; then iGs=0; iGd=0; fi if ["$g" = "3"]; then iGs=0; iGd=2; fi if ["$g" = "4"]; then iGs=0; iGd=2; fi if ["$g" = "5"]; then iGs=0; iGd=3; fi
                                                                                                                                                                                                                                                                                                                                                                                                                                          "test_s+d1000-yth0_No2.obj";replot
                                                                                                                                                                                                                                                                                                                                                                                                                                          set term tgif;set output "test_s+d1000-yth0_No2.obj";r
!cp test_s+d1000-yth0_No2.obj ~/13iconip/speech/draft/
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11809 (3)t5 0.96400 144:0
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11807 (1)t5 cpo.01800.075
:0:0 iCT1:0/5 mid1v-2 dA778
11808 (2)t5 cp>0.96200.158
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echo $cmd; $cmd;
echo "#Done for $test;$pART;$LAR"
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echo $cmd; $cmd;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   11877 plot [-0.5:10.5]*test_s+d1000_c2_v-2_No2.dat" using 1:($13*0.1) t "a" pt 6 lt 1, "" using 1:($14*0.1) t "" pt 6 lt 1, "" using 1:($15*0.1) t "a" pt 6 lt 1, "" using 1:($25*0.1) t "a" pt 8 lt 1, " using 1:($25*0.1) t "a" pt 8 lt 1, " using 1:($14*0.1) t "a" pt 8 lt 1, " using 1:($14*0.1) t "a" pt 8 lt 1, " using 1:($15*0.1) t "a" pt 8 lt 1, "" using 1:($15*0.1) t "a" pt 8 lt 1, "" using 1:($15*0.1) t "a" pt 10 lt 1, "" using 1:($15*0.1) t "a" pt 10 lt 1, "" using 1:($15*0.1) t "a" pt 10 lt 1, "" using 1:($15*0.1) t "a" pt 10 lt 1, "" using 1:($26*0.1) t "ab" w 1 lt 2 lt 11878 set term tgif:set output "aRS-t-1.obj",zeplot:set term X11
                                                                                                                                              4e
                                                                                                                                                                                                                                                                                                                                           SLA
                                                                                                                                                                                                                                                                                                                                                                                                         #cmd="speakerdigit_v ffs $fd $nSDL $pmin ytm:-1 $PNr $void $gibbs $beta $sdP $1T $sdT $ver $pART $LA
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                                                                             #best for
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                                                                                                                                          11864 #test=test:5:1000:${ics}:${id}:5:paRT=paRT:0.7:0.15:10;LAR=LAR:0.7:0.000:1;ver=ver:-2; #best for
                                                                                                                                                                                                                                                                                                                                       $1T $sdT $ver $pART
                                                                                                                                                                                                            for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           echo "#Done for $test;$pART;$LAR"
cmd="cp tmp/testsd_stat.dat ../12voicedata/allpole/test_s+d1000_C${C}_v-2_gibbs${g}_No${No}.dat"
echo $cmd; $cmd; $cmd;
if [ "$C" = "6" ]; then iCs=0; icd=4; fi
if [ "$C" = "7" ]; then iCs=0; icd=5; fi
test=test:5:1000:$(iCs):$(iCd):$(T):pART=pART:0.5:0.5:10;LAR=LAR:0.5:0:$(nA):ver=ver:-2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ../12voicedata/allpole/test_s+d1000_${iCs}_${iCd}_5_v-2.dat
                                                                                                                                                                         r:-2
11865 #test=test:5:1000:${icd}:$[icd]:5:paRT=paRT:0.6:0.1:10;LaR=LaR:0.7:0.000:1;ver=ver:-2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   #test=test:5:1000:${iCs}:${iCd}:5:pART=pART=pART=0.6:0.1:10;LAR=LAR:0.7:0.000:1;ver=ver:-2;
                                                                                                                                                                                                                                                                                                                                           cmd="speakerdigit_v $fs $fd $nSDL $pmin ${_ytm} $pnx $void $gibbs $beta $sdP
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                                                                                                                                                                                                                                                                      #if [ "$T" = "10" ]; then LAR=LAR:0.5:0:2; fi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             cd ~/sotu/2012/12voicedata/allpole/
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cmd="op tmp/testsd_stat.dat ../12
echo $cmd; $cmd;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ../12voicedata/allpole/
                                                                                                                                                                                                                                                                                                            "#$test;$pART;$LAR"
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11869 #cn
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11870 ect
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Jun 19 2021 08:15:37 readmecan2mspeech.txt

11938 #######tmp/testsd.dat
11938 ######tmp/testsd.dat
11938 ######tmp/testsd.dat
11938 ######tmp/testsd.dat
11938 ######tmp/testsd.dat
11940 6.000 2.000 5.429 -0.839 m0
11941 6.000 2.000 5.9714 -0.900 m1
11942 6.000 4.000 5.714 -0.900 m3
11943 6.000 4.000 5.714 -0.900 m3
11945 6.000 4.000 5.714 -0.617 m6
11946 6.000 4.000 5.714 -0.617 m6
11946 6.000 4.000 5.714 -0.617 m6
11948 ######tmp/testcd.dat
11949 #####tmp/testcd.dat
11949 ######tmp/testcd.dat
11950 1.905 2.857 2.000 -0.815 m0
11951 1.905 4.286 2.143 -0.821 m2
11952 1.905 4.286 2.143 -0.565 m3
11954 1.905 5.714 2.286 0.027 m4
11955 1.000 4.286 0.857 -0.900 m5
11957 1.905 5.871 2.000 -0.650 m7
11959 1.905 2.857 2.000 -0.650 m7
11959 1.905 4.286 0.427 -0.900 m5
11959 1.905 4.286 0.027 m4
11959 1.905 4.286 0.027 m4
11959 1.905 4.286 0.000 0.0.650 m7
11959 1.905 4.850 2.143 -0.560 m7
11959 1.905 4.850 2.000 -0.650 m7
11959 1.500 1.429 -0.900 m9 .0:1 icTri:0/5 midlv-2 1988 (415. epo.0.1200.024:0.010-0.294 LC0.002-0.858 iC1000=TR997:FA0:SR3 C0=TA0:FR0:SA0 pAR0.6:0.1 LAR0.7 :0:1 iCTri:1/5 midlv-2 :0:1 iCTri:1/5 midlv-2 :11986 (5):15 cpo.0.96000.234:0.010-0.990 LC0.003-0.998 iC999=TR0:FA16:SR983 C1=TA0:FR1:SA0 pAR0.6:0.1 LAR0.7 7:011 iCT0:0/5 projector.135:0.059-0.390 iCO.003-0.390 iCO=TRO:FRO:SRO C1000=IR850:FRO:SR150 prov./:0.11 iLRRO.11933 (2)15 cpo.0.96100.142:0.069-0.990 iCO.003-0.998 iCO=TRO:FRO:SR2 C0=TR0:FRO:SR150 prov./:0.1 iLRRO.170:11 iCT1:0/5 midly-2

11934 (3)15 cpo.0.3210.044:0.010-0.345 iCO.002-0.998 iC1000=IR978:FRO:SR2 C0=IR0:FRO:SR0 paro.7:0.1 iLRRO.170:11 iCT1:0/5 midly-2

11935 (4)15 cpo.0.2210.049:0.010-0.456 iCO.002-0.858 iC1000=IR978:FRO:SR2 C0=IR0:FRO:SR0 paro.7:0.1 iLRRO.7:0.1 iCT1:1/5 midly-2

11936 (5)15 cpo.0.2210.049:0.0163:0.062-0.990 iCO.003-0.998 iC1000=IR0:FRO:SR0 C0=IR0:FRO:SR0 paro.7:0.1 iLRRO.7:0.1 iLRO.11936 (5)15 cpo.0.95600.163:0.062-0.990 iCO.003-0.998 iC1000=IR0:FRO:SR16 C0=IR0:FRO:SR0 paro.7:0.1 iLRO.11936 (5)15 cpo.0.95600.163:0.062-0.990 iCO.003-0.998 iC1000=IR0:FRO:SR16 C0=IR0:FRO:SR0 paro.7:0.1 iLRO.11937 (5)15 cpo.0.2050 paro.7:0.11937 (5)15 cpo.0.2050 paro.7:0.11937 (5)15 cpo.0.2050 paro.7:0.11937 (5)15 cpo.0.2050 paro.7:0.11937 (5)15 cpo.0.2050 paro.7:0.0.2050 paro.7:0.2050 paro.7:0.2050 paro.7:0.2050 paro.7:0.2050 paro.7:0.2050 paro.7:0.2050 paro.7:0.2050 paro.7:0.205 Ş (3)t5 0.013U0.065:0.010-0.806 LC0.002-0.998 iC1000=TR998:FA2:SR0 C0=TA0:FR0:SA0 pAR0.6:0.1 LAR0.7 PAR0.7:0.15 LAR0 LAR (5)t5 0.956U0.163:0.062-0.990 LC0.003-0.998 iC1000=TR0:FA14:SR986 C0=TA0:FR0:SA0 pAR0.7:0.15 LAR0 ver:for ver: (2)t5 0.963U0.212:0.010-0.990 LC0.003-0.998 iC0=TR0:FA0:SR0 C1000=TA848:FR2:SA150 pAR0.6:0.1 LAR0 (3)t5 0.021U0.044:0.010-0.345 LC0.002-0.998 iC1000=TR995:FA0:SR5 C0=TA0:FR0:SA0 pAR0.7:0.15 LAR0. SLAR 6 lt 1, t "" pt (2)t5 0.961U0.142:0.069-0.990 LC0.003-0.998 iC0=TR0:FA0:SR0 C1000=TA850:FR0:SA150 pAR0.7:0.15 for \$part pAR0.6:0.1 (1)t5 0.960U0.153:0.072-0.990 LC0.003-0.998 iC0=TR0:FR0:SR0 C1000=TA937:FR1:SA62 pAR0.7:0.1 tmp/testsd_stat_dat ../12voicedata/allpole/test_s+d1000_\${iCs}_\${iCd}_5_v-2-bayes.dat" #test=test:5:1000:\${ics}:\${icd}:5:pART=pART:0.7:.1:10;LAR=LAR:0.7:0.000:1;ver=ver:-2; #best #Exp2: gibbs=gibbs:0; ==bayes #bayesでは分散が大きく、バラつく for its in 0; do for itd in 0; do #for (1),(2),(3),(4) #for its in 0; do for itd in 2; do # for (5) test=test:5:1000:\${ics}:\${icd}:5;parr=parr:0.6:.1:10;Lare=Lar:0.7:0.000:1;ver=ver:-2; #best Sver #test=test:5:1000:\${ics}:\${icd}:5:paRT=paRT:0.5:.008:10;LaR=LaR:0.7:0.000:1;ver=ver:-2; \$sq1 (1)t5 0.966U0.209:0.010-0.990 LC0.003-0.998 iC0=TR0:FR0:SR0 C1000=TA932:FR9:SA59 <0.960U0.153:0.072-0.990 LC0.003-0.998 iC0=TR0:FA0:SR0 C1000=TA937:FR2:SA61</p> cmd="speakerdigit_v \$fs \$fd \$nSDL \$pmin \$ytm \$PNr \$void gibbs:0 \$beta \$sdP \$lT set term tgif;set output "test_s+d1000-bayes.obj";replot

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echo "#$test;$pART;$LAR
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R0.7:0:1 iCTO:0/5 mid1y-2
12081 (2) t5 cp>0.96100.14;
ARO.7:0:1 iCTO:1/5 mid1y-2
12082 (3) t5 cp>0.02100.04;
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echo "#Done for '
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echo "#Done for
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       11997 (3)155 (200.001300.065:0.010-0.806 LC0.002-0.998 iC1000=TR998:FA2:SR0 C0=TA0:FR0:SA0 PARO.6:0.1 LARO.7 co.1 icr1:0/5 mid1v-2 co.1 icr2:0/5 mid1v-2 co.1 icr2:0/5 mid1v-2 co.1 icr2:0/5 mid1v-2 co.1 icr2:0/5 mid1v-2 co.0 icr2:0 i
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  12030 (1)t5 0.962U0.158:0.185-0.990 LC0.002-0.999 iC0=TR0:FA0:SR0 C1000=TA913:FF0:SA87 PAR0.7:0.15 LAR0 7:0:1 iCTO:0/5 mid1v-2 1.2031 (2)5.95 5v0-0.995 LC0 LC0.002-0.999 iC0=TR0:FA0:SR0 C1000=TA762:FR1:SA237 PAR0.7:0.15 LAR 1.2032 (3)t5 4p>0.018U0.075:0 0.10-0.0032 (3)t5 0.018U0.075:0 0.10-0.0032 (3)t5 0.018U0.075:
                                                                                                                                                                                                                                                                                                                                                                            11991 (4)t5 cp=0.01200.024:0.010-0.294 LCO.002-0.858 iCI000=TR997:FA0:SR3 C0=TA0:FR0:SA0 pAR0.7:0.1 LAR0.7
:0:1 iCT1:1/5 midlv-2
:0:1202 (5)t5 cp=0.990 LC0.003-0.998 iC999=TR0:FA15:SR984 C1=TA0:FR1:SA0 pAR0.7:0.1 LAR0.7
:0:1 iCT0:2/5 midlv-2
:0:1 iCT0:2/
                                                                                                                                                                                                                                                11989 (2)t5 0.963U0.212:0.010-0.990 LC0.003-0.998 iC0=TR0:FA0:SR0 C1000=TA842:FR2:SA156 pAR0.7:0.1 LAR0.7:0:1 iCT0:1/5 midiv-2
                                                                                                                                                                                                                                                                                                                                                                     11990 (3)t5 cp>0.01300.065:0.010-0.806 LC0.002-0.998 iC1000=TR998:FA1:SR1 C0=TA0:FR0:SA0 pAR0.7:0.1 LAR0.7 i cr1:0/5 midlw-2 1.010.010-0.294 LC0.002-0.858 iC1000=TR997:FA0:SR3 C0=TA0:FR0:SA0 pAR0.7:0.1 LAR0.7 1.091 (4)t5 cp>0.01200.01200.024:0.010-0.294 LC0.002-0.858 iC1000=TR997:FA0:SR3 C0=TA0:FR0:SA0 pAR0.7:0.1 LAR0.7
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11996 (2)t5 0.963U0.212:0.010-0.990 LC0.003-0.998 iC0=TR0:FA0:SR0 C1000=TA848:FR2:SA150 pAR0.6:0.1 LAR0
7:0:1 iCT0:1/5 midly-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ۷
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 7:0:1 icr1:0/5 midLv-2
12033 (4)t5 cpointsup.053:0.010-0.473 LC0.001-0.999 iCL0000=TR998:FA0:SR2 CO=TA0:FR0:SA0 pAR0.7:0.15 LAR0.7:0.11 icr1:1/5 midLv-2
7:0:1 icr1:1/5 midLv-2
12034 (5)t5 cp>0.961u0.150:0.089-0.990 LC0.002-0.999 iCL0000=TR0:FR7:SR993 CO=TA0:FR0:SA0 pAR0.7:0.15 LAR0.7:0.11 icr0:2/5 midLv-2
                                                                                                                            11995 (1)t5 2>0.966U0.209:0.010-0.990 LC0.003-0.998 iC0=TR0:FA0:SR0 C1000=TA932:FR9:SA59 pAR0.6:0.1 LAR0.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ../l2voicedata/allpole/test_s+d1000_$\{ics\}_s\{icd\}_5_v-2-yth-no-tune.dat^2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         t5 c> 0.961U0.150:0.089-0.990 LC0.002-0.999 iC1000=TR0:FA7:SR993 C0=TA0:FR0:SA0 pAR0.7:0.15 LAR0.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           "test_s+d1000_1_0_5_v-2-yth-notune.dat" using ($1+0.1):2 w l, "" using ($1+0.1):2:3 w errorbars t : 1, 0.7, 0.15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    #test=test:5:1000:${iCs}:${iCd}:5:paRT=paRT:0.5:.008:10;LaR=LaR:0.7:0.000:1;ver=ver:-2; #best for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       #best for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     plot "test_s+d1000_0_0_6_5_v-2-yth-no-tune.dat" using 1:2 w 1, "" using 1:2:3 w errorbars t ""
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       #Exp3:ytm:-1 no-tuning of yth
#yth=Oでは、pAを小さくしても、Taがえきくできない。なぜか?FNが大きい?pGの分散も大きいはず
#zorics in 0.1 do for icd in 0.1 do #for (1),(2),(3),(4)
#for ics in 0.1 do for icd in 2. do #for (5)
test=test:5:1000:${icd}:5;paRT=paRT:0.6:.15:10;LaR=LaR:0.7:0.000:1;ver=ver:-2; #best
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  cmd="speakerdigit_v $fs $fd $nSDL $pmin ytm:-1 $PNr $void $gibbs $beta $sdP $lT $sdT $ver
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             set term tgif;set output "test_s+d1000-yth-no-tune.obj";replot
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ##!Error Rate: FP FN ER yth [%] involving void=m7.
2.000 3.000 2.143 0.000 ml
1.000 8.000 2.000 0.000 ml
2.833 7.000 3.429 0.000 m2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          echo "Hone for $test;$pART;$LAR"
cmd="op tmp/testsd_stat.dat ../12
echo $cmd; $cmd;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ../12voicedata/allpole/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       echo "#$test;$pART;$LAR"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            7:0:1 iCT0:0/5 midlv-2
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7:0:1 iCTO:2/5 midlv-2
12029
                                                                                                                    11988 (1)t5 0.9660
0:1 iCT0:2/5 midlv-2
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12011 ecd
12012 cmd
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12014 don
12015 cd
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12016 prug
12017 plot
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12007
r:-2
12008
12009
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12003
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9/ main.
1.000 7.143 1.571 0.000 md
1.000 7.143 1.571 0.000 md
1.174 1.143 0.000 md
1.174 1.143 0.000 md
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1.18 5.744 1.143 0.000 md
1.18 5.744 1.1571 0.000 md
2.163 5.744 2.429 0.000 md
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(1) t5 0.960U0.153:0.072-0.990 LC0.003-0.998 iC0=TR0:FA0:SR0 C1000=TA947:FR0:SA53 par0.5:0.008 LA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ΓA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    12083 (4) E5 cpb. 02200 .049:0. 010-0.456 LC0.002-0.858 iC1000=TR128:FR0:SR872 C0=TA0:FR0:SA0 PAR0.5:0.008 LAR0.7:0:1 iCT1:1/5 midiv-2
12084 (5) E5 cpb. 0.55600.163:0.062-0.990 LC0.003-0.998 iC1000=TR0:FR16:SR984 C0=TA0:FR0:SA0 PAR0.5:0.008 LAR0.7:0:1 iCT0:2/5 midiv-2
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12106 t5 0.012U0.024:0.010-0.294 LCO.002-0.958 iC1000=TR128:FA0:SR872 C0=TA0:FR0:SA0 pARO.5:0.008 LARO.
TO in critily5 middle 1/5 middle 1/5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              #for iCs in 0; do for iCd in 2; do # for (5)
test=test:5:1000:${iCd}:5{iCd}:5:paRT=paRT:0.5:.008:10;LAR=LAR:0.7:0.000:1;ver=ver:-2; #best for ver
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"test_s+d1000_1_0_5_v-2-yth-notune.dat" using ($1+0.1):2 w 1, "" using ($1+0.1):2:3 w errorbars t
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           speakerdigit
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               $ver
                                                                                                                                                                                                                                                                  plot "test_s+d1000_0_5_v-2-bayes.dat" using 1:2 w l, "" using 1:2:3 w errorbars t "", \
"test_s+d1000_1_0_5_v-2-bayes.dat" using ($1+0.1):2 w l, "" using ($1+0.1):2:3 w errorbars t
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     cmd="speakerdigit_v $fs $fd $nSDL $pmin ytm=ytm:-1 $PNr $void gibbs:0 $beta $sdP $lT $sdT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                speaker
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#void:1 for use void (see ICONIP2012) not available now
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            iC0=TR0:FA0:SR0 C1000=TA692:FR0:SA308
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    term tgif;set output "test_s+d1000-yth-no-tune.obj";replot
                                                                                                                                                                                                                                                                                                                                                                                                                             #Exp3:yru:-l no-tuning of yth
for ics in 0 1; do for icd in 0 1; do #for (1),(2),(3),(4)
#for ics in 0; do for icd in 2; do # for (5)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              #test:0 for testing given sdP and sdT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     #1 for Gibbs, 0 for Bayes
                                                                                                                                                                                                                                                                                                                           0.008
12113 set term tgifiset output "test_s+d1000-bayes.obj";replot
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LC0.002-0.999
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cmd="cp tmp/testsd_stat.dat ../12
echo $cmd; $cmd;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  12127 t5 cp0.05000.227:0.010-0.990 LCC
12127 t5 cp0.05000.227:0.010-0.990 LCC
7:011 iCTD:0.75 midlav-2
12128 t5 cp0.96000.215:0.010-0.990 LCC
7:011 iCTD:1/5 midlav-2
12129 t5 cp0.01600.112:0.010-0.990 LCC
7:011 iCTI:0.75 midlav-2
7:011 iCTI:1/5 midlav-2
7:011 iCTI:1/5 midlav-2
7:011 iCTI:1/5 midlav-2
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ytm=ytm:1:0.9:1000;PNr="";
                                                                                                                                                                                                     cd ../12voicedata/allpole/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        cd ../12voicedata/allpole/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ate, <riCd>=inCorrect_digits_rate.
12155 #test=test:0; #tes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         echo "#$test;$pART;$LAR"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            echo $cmd; $cmd;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                gibbs=gibbs:1;
beta=beta:1;
0:1 iCT1:0/5 midlv-2
                                                                                                                                    iCT0:2/5 midlv-2
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12157 sdT=sdT
12158 lT=lT:1
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in 0 1; do for

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310.005:1 iCT1:0/5 mid33-2.
12.106 (1) iCT1:0/5 mid33-2.
12.106 (4) iS spec.03300.042:0.010-0.268 iC0.002-0.999 iC1000=TR1000:PA0:SR0 C0=TR0:PR0:SR0 pAR0.6:0.09 iAR0 in iCT1:1/5 mid33-2.
13.10.005:1 iCT1:1/5 mid33-2.
13.10.005:1 iCT0:2/5 mid33-2.
13.10.005:1 iCT0:2/5 mid33-2.
13.10.005:1 iCT0:2/5 mid33-2.
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12006 (5)E5 0.800U0.276:0.059-0.990 LC0.002-0.999 iCO=TR0:FA0:SR0 C1000=TA882:FR1:SA117 pAR0.6:0.09 LAR
12207 12207
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                                                                                                                                                                  cmd="speakerdigit_v $fsd $nSDL $pmin $ytm $PNr $void $gibbs $beta $sdP $1T $sdT $ver $pART $LAR $tes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             12183 (1)t5 0.977U0.092:0.236-0.990 LC0.022-0.999 iCO=TR0:FA0:SR0 C1000=TA942:FR0:SA58 pAR0.6:0.09 LAR0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             .3:0.005:1 iCTO:0/5 mid3v-2
12184 (2)t5 0.943U0.151:0.147-0.990 LCO.003-0.999 iCO=TRO:PA0:SR0 C1000=TA839:PRO:SA161 pARO.6:0.09 LAR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           12189 #n A=0 許容誤り数を 0 にすると受理率が82.0%まで下がる
12190 #test=test:5:1000:${ics}:$(ics}:$/parRT=parRT:0.6:.09:10/LAR=LAR:0.3:0.005:0/ver=ver:-2/#best for ver:
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                                                                                                                                                                                                                                                                                                                                                                                                                 #test=test:5:1000:${ics}:${icd}:5:paRT=paRT:0.6:.09:10:LaR=LaR:0.3:0.005:1:ver=ver:-2:#best for ver:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0.3:0.005:0 iCT0:0/5 mid3v-2
12192 (2)t5 0.94300.151:0.147-0.990 LC0.003-0.999 iC1000=TR32:FA25:SR943 C0=TA0:FR0:SA0 pAR0.6:0.09
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           (3)t5 0.035U0.065:0.010-0.583 LC0.002-0.999 iC1000=TR1000:FA0:SR0 C0=TA0:FR0:SA0 pAR0.6:0.09
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                                                                                 test=test:5:1000:${ics}:${icd}:5:parT=parT:0.6:.09:10;LaR=LaR:0.3:0.005:1;ver=ver:-2:#best for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              #test=test:5:1000:${ics}:${icd}:5:parT=parT:0.5:.008:10;Lar=Lar:0.3:0.001:1;ver=ver:-1;#best
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test=test:5:1000:${icd}:5;paRT=paRT:0.6:.09:10;LaR=LaR:0.3:0.005:5;ver=ver:-2;#best
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3.00.005:5 iCTO:0/5 mid3v-2
12203 (2):6 cp>0.94300.151:0.147-0.990 LCO.003-0.999 iCO=TRO:FAO:SRO C1000=TA993:FRO:SA17 p
13204 (3):6 cp>0.94300.151:0.147-0.990 LCO.002-0.999 iCO=TRO:FAO:SRO C1000=TA963:FRO:SA17 c
13204 (3):6 cp>0.03500.065:0.010-0.583 LCO.002-0.999 iC1000=TR963:FAO:SR37 C0=TA0:FRO:SA0 l
12205 (4):6 cp>0.03300.042:0.010-0.268 LCO.002-0.999 iC1000=TR963:FAO:SR33 C0=TA0:FRO:SA0 l
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             20.1.0 さい値parr と LARの最適化を試みた。
(1) 指定菌者 + H花敷架 可のテスト、
(2) 指定菌者 + H花敷架 可のテスト、
(3) 非指定語者 + H.S指定数字列のテスト、
(4) 非指定語者 + H.S指定数字列のテスト、
(5) 指定語者 + H.S指定数字列のテスト、
(5) 指定語者 + L.S指定数字列のテスト、
(5) 指定語者 + L.S非常数字列のテスト、
(5) 指定語者 + 2.5非指定数字列のテスト、
(5) 指定語者 + 2.5非指定数字列のテスト、
(5) 指定語者 + 2.5非指定数字列のデスト、
(5) 指定語者 + 2.5非指定数字列のデスト、
(5) 指定語者 + 2.5非常に2000 に 10.000 に 10
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                                                                                                                                                                                                                                                                                     tmp/testsd_stat.dat ../12voicedata/allpole/test_sd_1000_${iCs}_s{iCd}_5_v-2
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icd in 0 1; do # for (1)-(4)
cd in 2; do # for (5)

    話者+数字照合:ver=-2でしきい値の最適化
    1.1 実験

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                                               icd in 2; do
                                                                                                                                                                                                                                              echo "#Done for $test; $pART; $LAR"
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12246 (2) t5 cpp0.06101.120.069-0.990 LCO.003-0.998 iCO=TRO:FRO:SRO C1000=TA851:FRO:SA149 pARO.4:0.008 LA
ARO.8:0.001:1 iCTTO:1/5 miditv-2
12247 (3) t5 cpp0.02100.044:0.010-0.345 LCO.002-0.998 iCIO00=TR35:FAO:SR965 C0=TA0:FRO:SRO PARO.4:0.008 LA
RO.8:0.001:1 iCTT:0/5 miditv-2
12248 (4) t5 cpp0.02200.049:0.010-0.456 LCO.002-0.858 iCIO00=TR137:FA1:SR862 C0=TA0:FRO:SRO PARO.4:0.008 LA
ARO.8:0.011:1 iCTT:1/5 miditv-2 NO FA1
12249 (5) t5 cpp0.95600.163:0.062-0.990 LCO.003-0.998 iCIO00=TR0:R137:FA1:SR987 C0=TA0:FRO:SRO PARO.4:0.008 LA
RO.8:0.001:1 iCTO:2/5 miditv-2
                                                                                                                             12235 (3) t5 cp>0.02100.044:0.010-0.345 LC0.002-0.998 iC1000=TR35:FA0:SR965 C0=TA0:FR0:SA0 paR0.6:0.008 LA R0.8:0.0011 iCT1:10.5 midity-2
12236 (4) t5 cp>0.02200.049:0.010-0.456 LC0.002-0.858 iC1000=TR137:FA0:SR863 C0=TA0:FR0:SA0 paR0.6:0.00R T. AR0.8:0.001:1 iCT1:1/5 midity-2
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12243 (5) t5 cp0.95600.163:0.062-0.990 LC0.003-0.998 iC1000=TR0:FA13:SR987 CO=TA0:FR0:SA0 PAR0.5:0.008 LAR0.8:0.001:1 iCT0:2/5 midlw-2
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1259 (2) 15 epo-0.6100.142:0.069-0.990 LC0.003-0.998 iC0=TR0:FR0:SR0 C1000=TA865:FR0:SA135 pAR0.5:0.008 L
AR0.6:0.001:1 iCT0:1/5 mid1v-2
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12240 (2) t5 cp>0.961U0.142:0.069-0.990 LCO.003-0.998 iCO=TRO:FA0:SRO C1000=TA850:FRO:SA150 pARO.5:0.008 LA ARO.8:0.001:1 iCTO:175 midity-2
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12261 (4) t5 cp-0.92000 23020.062-0.990 LC0.001-1.000 icl000=TR0:PR9:SR991 CO=TR0:PR0:SR0 pAR0.5:0.008 LAR
0.6:0.001:1 icr1:1/5 midix-2 NG FA9 for LAR0.6
12262 (5) t5 cp-0.95600.163:0.062-0.990 LC0.003-0.998 icl000=TR0:FR30:SR980 CO=TR0:FR0:SR0 pAR0.5:0.008 LA
12263 (5) t5 cp-0.95600.163:0.062-0.990 LC0.003-0.998 icl000=TR0:FR30:SR980 CO=TR0:FR0:SR0 pAR0.5:0.008 LA
12263 LG CO=TR0:R0 PARO.5:0.008 LG CO=TR0:R0 PARO.5:0.008 LG CO=TR0:R0 PARO.5:0.008 LA
                                                                                                          LC0.003-0.998 iC0=TR0:FA0:SR0 C1000=TA850:FR0:SA150 pAR0.6:0.008 L
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PAR0.6:0.008 LA
                                                                                                                                                                                                                                                                                                                                                                                                                                     (5) t5 0.956U0.163:0.062-0.990 LC0.003-0.998 iC1000=TR0:FA12:SR988 C0=TA0:FR0:SA0 pAR0.6:0.008 LA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              (a) paT≅0.5 (paRT:.5:.008:10)上で課受理は 0 (FAO) だが、paT=0.4の 偽語者1/5比指定数字(iCT1:1/5 midlv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      cmd="speakerdigit_v $fs $f6 $nSDL $pmin $ytm $PNr $void $gibbs $beta $sdP $lT $sdT $ver $pART $LAR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         t5 cp>0.956U0.163:0.062-0.990 LCO.003-0.998 iC1000=TRO:FA16:SR984 C0=TA0:FR0:SA0 pARO.5:0.008
<0.960U0.153:0.072-0.990 LC0.003-0.998 iC0=TR0:FA0:SR0 C1000=TA944:FR0:SA56</p>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         echo "#Done for $test;$pART;$LAR"
cp tmp/testsd_stat.dat ../12voicedata/allpole/test_s+d1000_${iCs}_${iCd}_5_v-1.dat
done;done
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        3. 話者+数字照合: ver=-1でしきい値の最適化
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             #for iCs in 0 1; do for iCd in 0 1; do
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                12241 (3) t5 sp>0.02100.044:0.010-0.345 :
R0 8:0.00111 icr1:0/5 midly-2
                                                        RO.8:0.001:1 iCTO:0/5 midlv-2
12234 (2) t5 0.961UO.142:0.069-0.990
ARO.8:0.001:1 iCTO:1/5 midlv-2
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R0.8:0.001:1 iCTO:2/5 midlv-2
12238
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(1) t5
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(1) t5

12295 (4) t5 cp>0.10880.076:0.035-0.449 LCO.024-0.837 iC1000=TR170:FRA0:SR830 CO=TAO:FR0:SAO PARO.5:0.008 L
ASS.81.0.01.1 iCT1:1/5 mid1v-1
12296 (5) t5 cp>0.84700.169:0.164-0.915 LCO.038-0.964 iC1000=TR0:FR0:FR0:SR993 CO=TAO:FR0:SAO PARO.5:0.008 LAR
0.880.001:1 iCT0:22/5 mid1v-1 12318 (3) 15 200.10500.072.0 038-0.447 LC0.024-0.963 iC10000=TR33:FA0:SR967 C0=TA0:FR0:SA0 pARO.5:0.008 LA ARO.5:0.00111 LCT1:07.0 midity—1 12319 (4) 15 590.10500.076:0.035-0.449 LC0.024-0.837 iC10000=TR121:PA0:SR879 C0=TA0:FR0:SA0 pARO.5:0.008 L ARO.5:0.001:1 iCT1:1/5 midity—1 12320 (4) 15 590.10800.076:0.035-0.449 LC0.034-0.837 iC10000=TR121:PA0:SR879 C0=TA0:FR0:SA0 pARO.5:0.008 L ARO.5:0.001:1 iCT1:1/5 midity—1 12320 (5) 15 55 50.008 BAT70:1.699.0 164-0.915 LC0.038-0.964 iC1000=TR0:FR0:SR978 C0=TA0:FR0:SA0 pARO.5:0.008 LA R0.5:0.001:1 iCT0:27/5 midity—1 12327 #best parT=parT=0.5:.008:10;1Dar=Lar:0.3:0.001:11/ver=ver:-1;
12328 (1) t5 cpc) 65500.160:0.163-0.915 LCO.038-0.964 iCO=TRO:FRO:SRO C1000=TA954:FRO:SA46 parO.5:0.008 LA RO.3:0.001:1 icT0:07/5 midity-1
12329 (2) t5 cpc) 68500.165:0.163-0.915 LCO.038-0.964 iCO=TRO:FRO:SRO C1000=TA876:FRO:SA124 parO.5:0.008 L ARO.3:0.001:1 icT0:1/5 midity-1
12329 (2) t5 cpc) 68500.165:0.163-0.915 LCO.038-0.964 iCO=TRO:FRO:SR970 C0=TA876:FRO:SA124 parO.5:0.008 L A L3330 (3) t5 cpc) 10500.072:0.038-0.447 LCO.024-0.963 iC1000=TR30:FRO:SR970 C0=TA0:FRO:SR0 DARO:5:0.008 LA R0.8:0.001:1 icT1:10/5 midit-1 12289 (4) t5 cpp.0.10880.0766.0.035-0.449 LCO.024-0.837 icIO00=TR170:PA0:SR830 C0=TAO:FFR0:SA0 pAR0.6:0.008 L AR0.8:0.001:1 icT1:1/5 miditv-1 12290 (5) t5 cpp.0.84700.1699.0.164-0.915 LCO.038-0.964 icIO00=TR0:PA7:SR993 C0=TA0:PR0:SA0 pAR0.6:0.008 LAR LA R0.8:0.001:1 iCTG 07/5 midity-1 12293 (2) t5 cp>0.8500.154:0.163-0.915 LCO.038-0.964 iCO=TRO:FRO:SRO C1000=TA817:FRO:SR183 pAR0.5:0.008 L AR0.8:0.001:1 iCTG:1/5 midity-1 12294 (3) t5 cp>0.10500.072:0.038-0.447 LCO.024-0.963 iC1000=TR47:FA0:SR953 CO=TA0:FRO:SR0 DAR0.5:0.008 LA RO.7:0.001:1 iCT0:0/5 midlv-1 12305 (2) t5 cp>0.85300.154:0.163-0.915 LC0.038-0.964 iC0=TR0:FA0:SR0 C1000=TA859:FR0:SA141 pAR0.5:0.008 L AR0.7:0.001:1 iCT0:1/5 midlv-1 12306 (3) t5 cp>0.10500.072:0.072:0.038-0.447 LC0.024-0.963 iC1000=TR33:FA0:SR967 C0=TA0:FR0:SA0 pAR0.5:0.008 LA R0.7:0.001:1 icT1:10/5 midit-1 12307 (4) t5 cpp.0.1080.0.076:0.035-0.449 LCO.024-0.837 ic1000=TR128:FA0:SR972 CO=TA0:FFR0:SA0 pAR0.5:0.008 L AR0.7:0.001:1 icT1:175 miditv-1 12308 (5) t5 cpp.0.84700.169:0.164-0.915 LCO.038-0.964 ic1000=TR0:FA15:SR985 CO=TA0:FR0:SA0 pAR0.5:0.008 LA 12310 (1) t5 cpr0.85500.160:0.163-0.915 LCO.038-0.964 iCO=TRO:FRO C1000=TA950:FRO:SA50 paRO.5:0.008 LA
R.60:0.001.1 iCTO:0.75 midity-1
12311 (2) t5 cpr0.85500.154:0.163-0.915 LCO.038-0.964 iCO=TRO:FRO:SRO C1000=TA865:FRO:SA135 paRO.5:0.008 L
ARO.6:0.001:1 iCTO:1/5 midity-1 12313 (4) t5 cp>0.108U0.076:0.035-0.449 LC0.024-0.837 iC1000=TR122:FA0:SR878 C0=TA0:FR0:SA0 pAR0.5:0.008 LAR0.6:0.001:1 iCT1:1/5 midlv-1 ΓĄ 12317 (2) L5 cp>0.813300.154:0.163-0.915 LCO.038-0.964 iCO=TRO:FAO:SRO C1000=TA866:FRO:SA134 PARO.5:0.008 LA AROS 6.0.011 icTCO:LTS midlar. 1 2 midlar. 1 icTCO:LTS midlar. 1 icTCO:LTS midlar. 1 2 midlar. 1 icTCO:LTS midlar. 1 RO.4:0.001:1 iCT0:0/5 midlv-1 12323 (2) t5 cpo.35970.15410.163-0.915 LC0.038-0.964 iC0=TR0:FA0:SR0 C1000=TA876:FR0:SA124 PAR0.5:0.008 L AR0.4:0.001:1 iCT0:1/5 midlv-1 12324 (3) t5 cpo.10500.072:0.038-0.447 LC0.024-0.963 iC1000=TR30:FA0:SR970 C0=TA0:FR0:SA0 PAR0.5:0.008 LA iC0=TR0:FA0:SR0 C1000=TA806:FR0:SA194 pAR0.6:0.008 L (3) t5 0.105U0.072:0.038-0.447 LC0.024-0.963 iC1000=TR47:FA0:SR953 C0=TA0:FR0:SA0 pARO.6:0.008 LA LA (3) t5 0.105U0.072:0.038-0.447 LC0.024-0.963 iC1000=TR33:FA0:SR967 C0=TA0:FR0:SA0 pAR0.5:0.008 LA 12314 (5) t5 0.84700.169:0.164-0.915 LC0.038-0.964 iC1000=TR0:FA19:SR981 C0=TA0:FR0:SA0 pAR0.5:0.008 LA R0.6:0.001:1 iCT0:2/5 midly-1 <0.855U0.160:0.163-0.915 LC0.038-0.964 iC0=TR0:FA0:SR0 C1000=TA954:FR0:SA46 pAR0.5:0.008 LA</p> (1) t5 0.855U0.160:0.163-0.915 LC0.038-0.964 iC0=TR0:PA0:SR0 C1000=TA9333:PR0:SA67 pAR0.5:0.008 (1) t5 0.85500.160:0.163-0.915 LC0.038-0.964 iC0=TR0:FA0:SR0 C1000=TA934:FR0:SA66 pAR0.4:0.008 (1) t5 0.855U0.160:0.163-0.915 LC0.038-0.964 LC0=TR0:FA0:SR0 C1000=TA950:FR0:SA50 pAR0.5:0.008 RO.8:0.001:1 icT0:0/5 midly-1 12287 (2) 15 5-90-08:300.154:0.163-0.915 LCO.038-0.964 midly-1 icT0:1/5 midly-1 RO.7:0.001:1 iCTO:2/5 midlv-1 0.8:0.001:1 iCT0:2/5 midlv-1 R0.8:0.001:1 iCTI:0/5 midlv-0.8:0.001:1 iCT0:2/5 midly-1 midlv-1 R0.8:0.001:1 iCT0:0/5 midlv-R0.5:0.001:1 iCTO:0/5 midlv-RO.6:0.001:1 iCT1:0/5 RO.4:0.001:1 iCTO:2/5 (1) t5 12304 12297 12303 12309 12312 12321

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12336 (3) E5 cp>0.10590.072:0.038-0.447 LCO.024-0.963 iC1000=TR13:FA0:SR987 C0=TA0:FR0:SA0 pARO.5:0.008 LA ACC.3:0.001:1 iCT1:1.1.5 midity—1 LCO.035-0.449 LCO.024-0.837 iC1000=TR28:FA0:SR972 C0=TA0:FR0:SA0 pARO.5:0.008 LA RO.2:0.001:1 iCT1:1.1.5 midity—1 LCO.038-0.964 iC1000=TR0:FR0:RR0:SR140 C0=TA0:FR0:SA0 pARO.5:0.008 LA ARO.2:0.001:1 iCT1:1.1.5 midity—1 BIG FA860
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pARO.6:0.09 LAR (2):0.005:1 iCTO:1/5 mid3v-2 SA212 by LA (2):0.002-0.999 iCIO00=TR1000:PRO:SRO C0=TA0:FRO:SA0 pARO.6:0.09 LAR (2):0.005:1 iCTO:1/5 mid3v-2 SA212 by LA (2):0.002-0.999 iCIO00=TR1000:PRO:SRO C0=TA0:FRO:SA0 pARO.6:0.09 LAR (2):0.005:1 iCTO:1/5 mid3v-2 SA210 pARO.6:0.09 LAR (2):0.005:1 iCTO:1/5 pARO.6:0.09 LAR (2):0.005:1 iCTO:1/5 pARO.6:0.09 PARO.6:0.09 LAR (2):0.005:1 iCTO:1/5 pARO.6:0.09 PARO.6:0.09 LAR (2):0.005:1 iCTO:0.005:1 iCTO:0.005:1
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0.6:0.005:1 iCT1:1/5 mid3v-2
12381 (5) t5 cpo.03300.276:0.059-0.990 LC0.002-0.999 iC1000=TR3:FA17:SR980 C0=TA0:FR0:SA0 pARO.6:0.09 LAR
12381 (5) t5 cpo.03300.276:0.059-0.990 LC0.002-0.999 iC1000=TR3:FA17:SR980 C0=TA0:FR0:SA0 pARO.6:0.09 LAR
12382
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12353 (a) ver:-2と同様に、paT≥0.5 (paRT:.5:.008:10)上で誤受理はO (FAO) だが、paT=0.4の偽話者1/5比指定数字
(iCTI:1/5 midlv-2)
                                                                                    PAR0.5:0.008 L
                                                                                                                                                                                                                                                   LA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 (3) t5 0.035U0.065:0.010-0.583 LC0.002-0.999 iC1000=TR1000:FA0:SR0 C0=TA0:FR0:SA0 pARO.6:0.09 LAR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0.2,0.008
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12341 (2) t5 cp>0.85300.154:0.163-0.915 LCO.038-0.964 iCO=TRO:FRO:SRO C1000=TA990:FRO:SA10 pARO.5:0.008 I RO.1:0.0011:1;CTO:1/5 midlay-1
12342 (3) t5 cp>0.8500.03500.072:0.038-0.447 LCO.024-0.963 iC10000=TRO:FRO:SR1000 C0=TA0:FRO:SA0 pARO.5:0.008 I RO.1:0.0011:1;CTI:0/5 midlay-1
12343 (4) t5 cp>0.10800.076:0.035-0.449 LCO.024-0.963 iC10000=TRO:FRO:SR1000 C0=TA0:FRO:SA0 pARO.5:0.008 I RO.1:0.0011:1;CTI:1/5 midlay-1
12343 (4) t5 cp>0.10800.076:0.035-0.449 LCO.024-0.837 iC10000=TRO:FRO:SR1000 C0=TA0:FRO:SA0 pARO.5:0.008 I RO.1:0.0011:1;CTI:1/5 midlay-1
12344 (5) t5 cp>0.850.84700.169:0.164-0.915 LCO.038-0.964 iC1000=TRO:FRO:FRO:SR229 C0=TA0:FRO:SA0 pARO.5:0.008 I RO.1:0.001:1 iCTO:2/5 midlay-1 Big FA971
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        12334 (1) t5 cp>0.855U0.160:0.163-0.915 LC0.038-0.964 iC0=TR0:FA0:SR0 C1000=TA973:FR0:SA27 pAR0.5:0.008 : 12335 (2) t5 cp>0.85XU0.160:0.163-0.915 LC0.038-0.964 iC0=TR0:FA0:SR0 C1000=TA973:FR0:SA27 pAR0.5:0.008 : 12335 (2) t5 cp>0.85XU0 15A.0 15A.
                                                                                                                                                                                                                                                   t5 0.847U0.169:0.164-0.915 LC0.038-0.964 iC1000=TR0:FA23:SR977 C0=TA0:FR0:SA0 pAR0.5:0.008
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       cmd="speakerdigit_v $fsd $nSDL $pmin $ytm $PNr $void $gibbs $beta $sdP $1T $sdT $ver $pART
                                                                 5 5. 0.108U0.076:0.035-0.449 LC0.024-0.837 iC1000=TR114:FA0:SR886 C0=TA0:FR0:SA0 iCT1:1/5 midlv-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             12335 (2) t5 cp>0.085300.154:0.163-0.915 LC0.038-0.964 iC0=TR0:FA0:SR0 C1000=TA969:FR0:SA31 | 12336 (3) t5 cp>0.1051:1 iCT0:1/5 midity-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         plot "test_s+d1000_0_0_5_v-1.dat" using 1:2 w 1, "" using 1:2:3 w errorbars t "", \
"test_s+d1000_1_0_5_v-1.dat" using ($1+0.1):2 w 1, "" using ($1+0.1):2:3 w errorbars
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           cp tmp/testsd_stat.dat ../12voicedata/allpole/test_sd_1000_${iCs}_${iCd}_5_v-2.dat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          4. 話者数字照合: ver=-2でしきい値の最適化
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               でFA1がでた。pAT≥0.5 とすべき!?
3.3 視覚化
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         cd ../12voicedata/allpole/
R0.3:0.001:1 iCT1:0/5 midlv-1
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LAR 12390 (2) t5 cp>0.94300.151:0.147-0.990 LC0.003-0.999 iCO=TRO:FA0:SRO C1000=TA839:FR0:SA161 pARO.6:0.09 LA 120.005:1 iCTD:11/5 mid3y-2 12391 (3) t5 cp>0.03500.065:0.010-0.583 LC0.002-0.999 iC1000=TRO:FR0:FR0:FR0:SA161 pARO.6:0.09 LA pAR0.6:0.09 LAR LAR LAR iCO=TR0:FA0:SR0 C1000=TA839:FR0:SA161 pAR0.6:0.09 0.5:0.005:1 iCT1:1/5 mid3v-2 12387 (5) t5 cpx0.80000.276:0.059-0.990 LC0.002-0.999 iC1000=TR3:FA39:SR958 C0=TA0:FR0:SA0 pAR0.6:0.09 (3) t5 0.035U0.065:0.010-0.583 LC0.002-0.999 iC1000=TR1000:FA0:SR0 C0=TA0:FR0:SA0 pAR0.6:0.09 pAR0.6:0.09 (1) t5 0.97700.092:0.236-0.990 LC0.022-0.999 iC0=TR0:FA0:SR0 C1000=TA942:FR0:SA58 pAR0.6:0.09 <0.977U0.092:0.236-0.990 LC0.022-0.999 iC0=TR0:FA0:SR0 C1000=TA942:FR0:SA58</p> (4) t5 cp>0.03300.042:0.010-0.268 LC0.002-0.999 iC1000=TR1000:FA0:SR0 C0=TA0:FR0:SA0 iCT0:0/5 mid3v-2 t5 0.943U0.151:0.147-0.990 LC0.003-0.999 0.5:0.005:1 iCT1:0/5 mid3v-2 iCT0:0/5 mid3v-2 R0.5:0.005:1 iCTO:1/5 mid3v-0.4:0.005:1 iCTI:0/5 mid3v-2 0.4:0.005:1

R0.3:0.005:1 iCT0:1/5 mid39-2 3.0.005:1 iCT0:1/5 mid39-2 0.3:0.005:1 iCT1:0/5 mid39-2 1.3:0.005:1 iCT1:0/5 mid39-2 1.3:0.906:1 iCT1:0/5 mid39-2 1.3:0.906:1 iCT1:0/5 mid39-2 1.3:0.906:1 iCT1:0/5 mid39-2 12404 (3) t5 cpol.03500.065:0.010-0.583 LC0.002-0.999 iC1000=TR1000:PA0:SR0 C0=TA0:PR0:SA0 pAR0.6:0.09 LAR 0.2:0.005:1 iCT1:0/5 mid3v-2 1.2405 (4) t5 cpol.03300.042:0.010-0.268 LC0.002-0.999 iC1000=TR1000:PA0:SR0 C0=TA0:PR0:SA0 pAR0.6:0.09 LAR 1.2405 (4) t5 cpol.03300.042:0.010-0.268 LC0.002-0.999 iC1000=TR3:PA69:SR928 C0=TA0:PR0:SA0 pAR0.6:0.09 LAR 1.2406 (5) t5 cpol.80000.276:0.059-0.990 LC0.002-0.999 iC1000=TR3:PA69:SR928 C0=TA0:PR0:SA0 pAR0.6:0.09 LAR t5 0.943U0.151:0.147-0.990 LC0.003-0.999 iC0=TR0:FA0:SR0 C1000=TA839:FR0:SA161 pAR0.6:0.09 t5 0.943U0.151:0.147-0.990 LC0.003-0.999 iC0=TR0:FA0:SR0 C1000=TA849:FR0:SA151 pAR0.6:0.09 12395 #selected? FA39=3.9%≦5% for 2/5比指定数字列 ver:-2 12396 (1) t5 cp>0.97700.092:0.236-0.990 LC0.022-0.999 iCO=TR0:FA0:SR0 C1000=TA942:FR0:SA58 PAR0.6:0.09 0.3:0.005:1 iCT0:0/5 mid3v-2 12400 (5) t5 cp>0.80000.276:0.059-0.990 LC0.002-0.999 iC1000=TR3:FR395:SR958 C0=TA0:FR0:SA0 pAR0.6:0.09 0.3:0.005:1 iCT0:2/5 mid3v-2 FR39=3.9%-5% OK 12406 (5) t5 cp>0.80000.276:0.059-0.990 LCO.002-0.999 iC1000=TR3:FA69:SR928 C0=TA0:FR0:SA0 pAR0.6:0.09 0.2:0.005:1 iCT0:2/5 mid3v-2 FA69=6.9%>5% NG t5 vp>0.977U0.092:0.236-0.990 LC0.022-0.999 iC0=TR0:FA0:SR0 C1000=TA944:FR0:SA56 paR0.6:0.09 0.3:0.005:1 iCT1:1/5 mid3v-2 iCT0:0/5 mid3v-2 R0.2:0.005:1 iCT0:1/5 mid3v-0.2:0.005:1 12403 12401 12397

LAR

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0.3:0,005:1 icTD:0/5 mid3v-2 12409 (2) t5 2>0.94300.151:0.147-0.990 LC0.003-0.999 iCO=TR0:FA0:SR0 C1000=TA839:FR0:SA161 pAR0.5:0.09 LA R0.3:0.005:1 iCTD:1/5 mid3v-2 12408 (1) t5 0.977U0.092:0.236-0.990 LC0.022-0.999 iC0=TR0:FA0:SR0 C1000=TA942:FR0:SA58 pAR0.5:0.09 LAR LAR LAR 12411 (4) t5 cp>0.03300.042:0.010-0.268 LC0.002-0.999 iC1000=TR1000:PA0:SR0 C0=TA0:PR0:SA0 pAR0.5:0.09 0.3:0.005:1 iCT1:1/5 mid3v-2 12412 (5) t5 cp>0.80000.276:0.059-0.990 LC0.002-0.999 iC1000=TR3:PA39:SR958 C0=TA0:PR0:SA0 pAR0.5:0.09 12412 (5) t5 cp>0.800000.276:0.059-0.990 LC0.002-0.999 iC1000=TR3:PA39:SR958 C0=TA0:PR0:SA0 pAR0.5:0.09 12412 (5) t5 cp>0.800000.276:0.090 TC0.002-0.999 TC0.002-0.999 TC0.000=TR3:PA39:SR958 TC0.002-0.999 TC0.002-0.999 TC0.000-0.999 TC0.002-0.999 TC0.000 TC0.002-0.999 t5 0.035U0.065:0.010-0.583 LC0.002-0.999 iC1000=TR1000:FA0:SR0 C0=TA0:FR0:SA0 pAR0.5:0.09 0.3:0.005:1 iCT1:0/5 mid3v-2 0.3:0.005:1 12409 (2) 12407

mid3v-2

0.3:0.005:1 iCT0:2/5

LA LAR (3) t5 c)035U0.065:0.010-0.583 LC0.002-0.999 iC10000=TR1000:FA0:SR0 C0=TA0:FR0:SA0 pAR0.1:0.09 LAR LAR LAR 0.3:0.005:1 iCT0:0/5 mid37-2 check pAT 12416 (2) t5 cp:0.94300.151:0.147-0.990 LC0.003-0.999 iCO=TRO:FA0:SR0 C1000=TA841:FR0:SA159 pAR0.1:0.09 R0.3:0.005:1 iCT0:1/5 mid37-2 (4) t5 cp>0.033U0.042:0.010-0.268 LC0.002-0.999 iC1000=TR1000:FA0:SR0 C0=TA0:FR0:SA0 pAR0.1:0.09 (5) t5 0.80000.276:0.059-0.990 LC0.002-0.999 iC1000=TR3:FA41:SR956 C0=TA0:FR0:SA0 pAR0.1:0.09 12416 (3) t5 0.03500.06 0.3:0.005:1 iCT1:0/5 mid3v-2 0.3:0.005:1 iCT1:1/5 mid3v-2 0.3:0.005:1 iCT0:2/5 mid3v-2 12418

12420 t5 cp>0.97700.092:0.236-0.990 LCO.022-0.999 iCO=TR0:FA0:SR0 C1000=TA943:FR0:SA57 pAR0.01:0.09 LAR0.3
10.005:1 iCTO:0/5 mid3v-2 check pAT same as above
12421 t5 cp>0.9300.151:0.147-0.990 LCO.003-0.999 iCO=TR0:FA0:SR0 C1000=TA841:FR0:SA159 pAR0.01:0.09 LAR0.3:0.005:1 iCTO:1/5 mid3v-2

for ics in 0 1; do for icd in 0 1; do # for (1)-(4) #for ics in 0; do for icd in 2; do # for (5) 5. 話者数字照合: ver=-1でしきい値の最適化

Stes ver: SPART SLAR test=test:5:1000:\${ics}:\${id3}:5;parT=parT:0.6:.09:10;Lar=Lar:0.3:0.005:1;ver=ver:-2:#best for .09:10;LAR=LAR:0.8:0.005:1;ver=ver:-1; #best for Sver \$void \$gibbs \$beta \$sdP \$1T \$sdT test=test:5:1000:\${ics}:\${icd}:5;parT=parT:0.6:. Sytm SPNr cmd="speakerdigit_v \$fsd \$nSDL \$pmin 12431

../12voicedata/allpole/test_sd_1000_\${iCs}_\${iCd}_5_v-1.dat \$test; \$pART; \$LAR" cp tmp/testsd_stat.dat for echo "#Done

t";\$cmd 12433 12434

PAR0.6:0.09 LA par0.6:0.09 LAR PAR0.6:0.09 12436 #selected? PA24=2.5%=5% for 2/5比梢拉数学列 ver:-1
12437 (1) t.5 xp0.78060.088:0.401-0.822 LCO.441-0.920 iCO=TRO:FA0:SRO C1000=TA909:FRO:SA91 p. 0.88.0.005:1 iCTO:0/5 mid3v-1
12438 (2) t.5 xpo.6.7900.127:0.283-0.813 LCO.080-0.920 iCO=TRO:FA0:SRO C1000=TA769:FRO:SA231 ; RO.88:0.005:1 iCTO:1/5 mid3v-1
12439 (3) t.5 xpo.1.9500.125:0.054-0.526 LCO.067-0.920 iC1000=TR1000:FA0:SRO C0=TA0:FRO:SA0 p. 12439 (3) t.5 xpo.1.9600.152:0.054-0.526 LCO.067-0.920 iC10000=TR1000:FA0:SRO C0=TA0:FRO:SA0 p.

C0=TA0:FR0:SA0 <0.195U0.149:0.056-0.493 LC0.067-0.920 iC1000=TR1000:FA0:SR0</p> 12440 (4) t5 0.195U0.149 0.8:0.005:1 iCT1:1/5 mid3v-1 0.8:0.005:1 iCT1:0/5 mid3v-1 12440 (4) t5 0.195U0.14

12441 (5) t5 cp>0.53900.160:0.264-0.776 LCO.067-0.920 iC1000=TRO:PA24:SR976 CO=TAO:FRO:SAO PARO.6:0.09 IO.8:0.005:1 iCTO:2/5 mid3v-1 FA24=2.4%-C5% OK 12442 (5)t5 cp>0.53900.160:0.264-0.776 LCO.067-0.920 iC1000=TRO:FA83:SR917 CO=TAO:FRO:SAO PARO.6:0.09 LA

.7:0.005:1 iCTO:2/5 mid3v-1 FA83=8.3%>5% NG
12444 (5)t5 cP.0.160:0.160:0.264-0.776 LCO.067-0.920 iC1000=TR0:FA136:SR864 CO=TA0:FR0:SA0 PARO.6:0.09 I
0.6:0.005:1 iCTO:2/5 mid3v-1 FA136=13.6%>5% NG
12445 (5)t5 cp.0.53900.160:0.264-0.776 LCO.067-0.920 iC1000=TR0:FA332:SR668 CO=TA0:FR0:SA0 PARO.6:0.09 I
0.4:0.005:1 iCTO:2/5 mid3v-1

12449 E5 CPO 1196TO 1122 0.054-0.526 LCO.067-0.920 iC1000=TR1000:FA0:SR0 CO=TA0:FRO:SA0 pARO.5:0.09 LARO.8: 0.0651:127:10.5 mid3v-1 1.0249 LCO.067-0.920 iC1000=TR1000:FA0:SR0 CO=TA0:FRO:SA0 pARO.5:0.09 LARO.8: 0.065:1 LCT:11.5 mid3v-1 1.026-0.493 LCO.067-0.920 iC1000=TR1000:FA0:SR0 CO=TA0:FRO:SA0 pARO.5:0.09 LARO.8: 0.065:1 LCT:11.5 mid3v-1 1.026-0.776 LCO.067-0.920 iC1000=TR0:FA33:SR967 CO=TA0:FRO:SA0 pARO.5:0.09 LARO.8: 0.065:1 iCTO:2/5 mid3v-1 1.0005:1 iCO=TR0:FA0:SR0 C1000=TA779:FR0:SA221 pAR0.5:0.09 pAR0.5:0.09 t5 0.786U0.088:0.401-0.822 LC0.441-0.920 iC0=TR0:FA0:SR0 C1000=TA909:FR0:SA91 12446 12447 t5 cp.0.78600.088:0.401-0.822 LC0.441-0.920
0.005:1 icr0:0/5 mid3v-1
12448 t5 cp.0.79900.127:0.283-0.813 LC0.080-0.920
:0.005:1 icr0:1/5 mid3v-1

12453 t5 cp>0.786U0.088:0.401-0.822 LC0.441-0.920 iCO=TR0:FA0:SR0 C1000=TA909:FR0:SA91 pAR0.4:0.09 LAR0.8:
0.005:1 iCT0:0/5 mid3V-1 same as above
0.105:1 iCT0:0/5 mid3V-1 same as above
1.0454 t5 cp>0.799U0.127:0.283-0.813 LC0.080-0.920 iCO=TR0:FA0:SR0 C1000=TA779:FR0:SA221 pAR0.4:0.09 LAR0.8:
0.005:1 iCT0:1/5 mid3V-1 t5 0.539U0.160:0.264-0.776 LC0.067-0.920 iC1000-TR0:FA33:SR967 C0-TA0:FR0:SA0 pAR0.4:0.09 LAR0.8: 12455 te spoil9600.152:0.054-0.526 LC0.067-0.920 iC10000=TR1000:PA0:SR0 C0=TA0:FR0:SA0 paR0.4:0.09 10.0651 iCT1:0/5 mid3v-1 12455 te spoil9600.152:0.054-0.493 LC0.067-0.920 iC1000=TR1000:FA0:SR0 C0=TA0:FR0:SA0 paR0.4:0.09 10.005:1 iCT1:1/5 mid3v-1 12456 ts spoil960:0.264-0.776 LC0.067-0.920 iC1000=TR0:FR33:SR967 C0=TA0:FR0:SA0 paR0.4:0.09 10.005:1 iCT0:2/5 mid3v-1 12457 ts spoil960:0.264-0.776 LC0.067-0.920 iC1000=TR0:FR33:SR967 C0=TA0:FR0:SA0 paR0.4:0.09 10.005:1 iCT0:2/5 mid3v-1 12458

#################

話者数字認識: (s,d)に対する北度しか使わない北度を用いる数字列判定 2.1 pART:: 6:0.9101.1AR.12.0.85:0.065:12 して話者数字 for iCs in 0 1; do for iCd in 0 1; do # for (1)-(4) #for iCs in 0; do for iCd in 2; do # for (5)
 test=test:5:1000:\$(iCs):\$; pART=pART: 6:0.9:110.IAR=LAR:0.8:0.005:1;vex=ver:-1; end="speakerdigit_v" \$ficad}:5 part spant span \$void \$gibbs \$beta \$sdp \$1T \$sdT \$ver

stes

SPART SLAR

op tmp/testsd_stat.dat $\bar{}$.//12voicedata/allpole/test_sd_1000_\$ $\{ics\}$ _ $\{icd\}$ _5v-1.dat echo "#Done for \$test; \$pART; \$LAR" done; done

LC0.080-0.920 iC0=TR0:FA0:SR0 C1000=TA513:FR0:SA487 12479 (1) t5 0.786U0.088:0.401-0.822 LCO.441-0.920 iCO=TRO:FRO:FRO:SRO C1000=TA909:FRO:SR91 0.810.005:1 iCT0:0/5 mid.d3
1.2480 (2) t5 0.67900.127:0.283-0.813 LCO.080-0.920 iCO=TRO:FRO:SRO C1000=TA513:FRO:SA487 RO.8:0.005:1 iCT0:1/5 mid.3

LA

12482 (4) t5 cpo0.19500.149:0.056-0.493 LCO.067-0.920 iC1000=TR1000:PA0:SR0 CO=TA0:FR0:SA0 pAR0.7:0.09 LAR
0.8:0.005:1 iCT1:1/5 mid3
1.2483 (5) t7 cpo0.19500.170:0.265-0.809 LCO.081-0.920 iC1000=TR0:FA13:SR987 CO=TA0:FR0:SA0 pAR0.7:0.09 LAR
1.2484 LC0.067-0.920 iC1000=TR1000:FA0:SR0

readmecan2mspeech.txt Jun 19 2021 08:15:37

LAR LAR LA LAR LAR pAR0.6:0.09 12487 (3) t5 cpo0.19600.152:0.054-0.526 LCO.067-0.920 iC1000=TR1000:FA0:SRO CO=TA0:FRO:SAO PARO.6:0.09 0.8:0.005:1 iCT1:0/5 mid3 12488 (4) t5 cpo0.19500.149:0.056-0.493 LCO.067-0.920 iC1000=TR1000:FA0:SRO CO=TAO:FRO:SAO PARO.6:0.09 0.8:0.005:1 iCT1:1/5 mid3 12489 (5) t5 cpo0.19500.140:0.056-0.776 LCO.067-0.920 iC1000=TR0:FA0:FRO:SRO CO=TAO:FRO:SAO PARO.6:0.09 12489 (5) t5 cpo0.53900.160:0.264-0.776 LCO.067-0.920 iC1000=TR0:FA24:SR976 CO=TAO:FRO:SAO PARO.6:0.09 pAR0.6:0.09 C1000=TA769:FR0:SA231 .088:0.401-0.822 LC0.441-0.920 iC0=TR0:FA0:SR0 C1000=TA909:FR0:SA91 iC0=TR0:FA0:SR0 iCTO:0/5 mid3 t5 0.679U0.127:0.283-0.813 LCO.080-0.920 R0.8:0.005:1 iCTO:1/5 mid3 <0.786U0</p> 0.8:0.005:1 iCTO:2/5 mid3 t2 0.8:0.005:1

LAR LA LAR LAR iCT0:0/5 mid3 t5 0.679U0.127:0.283-0.813 LC0.080-0.920 iC0=TR0:PA0:SR0 C1000=TA779:PR0:SA221 pAR0.5:0.09 12494 (4) t5 cpo.19500.149:0.056-0.493 LC0.067-0.920 iC1000=TR1000:PA0:SR0 C0=TA0:FR0:SA0 pARO.5:0.09
0.8:0.005:1 iCT1:1/5 mid3
12495 (5) t5 cpo.295900.160:0.264-0.776 LC0.067-0.920 iC1000=TR0:FA33:SR967 C0=TA0:FR0:SA0 pARO.5:0.09
12496 <0.786U0.088:0.401-0.822 LC0.441-0.920 iC0=TR0:FA0:SR0 C1000=TA909:FR0:SA91 pAR0.5:0.09</p> 12493 (3) t5 0.196U0.152:0.054-0.526 LC0.067-0.920 iC1000=TR1000:FA0:SR0 C0=TA0:FR0:SA0 0.850,005:1 iCT1:0/5 mid3 12491 (1) t5 cp>0.78600.086 0.8:0.005:1 icTO:0/5 mid3 12492 (2) t5 cp>0.67900.127 RO.8:0.005:1 iCTO:1/5 mid3 12493 (3) t5 cp>0.19600.152 12498 12499 12500

(b)誤漿却は、(1)-(4)すべてで無かった(PRO)。 (c)paRO.6:0.09で、指定話者が全て指定数字を発した(1)の場合、受理が90.9%(TA907)、 才名。 12501 12502

数字は受理

受理保留が9.1%(SA91)

。12503 (d)paRo.6:0.09で、指定語者が1/5非指定数字を発した(2)の場合、受理が76.9%(TA769)、受理保留が23.1%(SA233.1%(SA2331.2%)、1/54指定数字なので容認。 12504 (e)非指定監者(3)と(4)では正乗却が100%(TR=1000)。 12505 (f)セキュリティの面からは(1)誤棄却はあっても良いが誤受理は無くしたい。一方、実用面からは(ii)正解入力の場合(1)の受理率は高くした、いった、実用面からは(ii)正解入力12506 (f)セキュリティの面からは(ii)誤棄却はあっても良いが誤受理は無くしたい。一方、実用面からは(ii)正解入力12506 た)セル・2007、指定語者+2/5非指定数字列の(5)の場合、誤受理が2.4%(FA24)あったが、「指定語者は数字12507 体認できる。(i)と(ii)の両面で容認できると考える。 12507 学認できる。(i)と(ii)の両面で容認できると考える。 12508 (g)ツロエコでは paRT・cpA・cpR・でPA・でPA・でPA・の表で 12503

\$PART \$LAR \$ #for iCs in 0; do for iCd in 2; do tessees:5:1006;4[iCs];5;paRT=paRT:.6:.008:10;LaR=LaR:0.8:0.001:1;ver=ver:-1; echo "#\$test:5paRT:5paRT:5taR" cmd="speakerdigit_v %fs %fd %nSDL %pmin %ytm %void %gibbs %beta %sdp %lT %sdT %ver cmd="speakerdigit_v %fs %fd %nSDL %pmin %ytm %void %gibbs %beta %sdp %lT %sdT %ver 3 話者+数字認識:(e,q)に対する光度しか使わない太度を用いる数字列判定 3.1 LwSt.0.6:0.0081.1, psAT=psAT=s:.0810として話者+数字 for ics in 0 1.1 do for icd in 0 1.1 do 12507 12508 (g), 12509 3 fff 12510 3 fff 12511 3.1 12512 foru 12514 tetal 12515 echh 12515 cmd 12515 cmd 12516 cmd 12517 cmd 12517 cmd

tmp/testsd_stat.dat _./12voicedata/allpole/test_s+d1000_\${iCs}_\${iCd}_5_v-1.dat echo "#Done for \$test; \$paRT; \$LaR" cp tmp/test done;done 12519

12520 (1) t5 cp>0.85500.160:0.163-0.915 LCO.038-0.964 iCO=TRO:FAO:SRO C1000=TA9000:FRO:SA100 paRO.77:0.008 L ARO.8:0.001:1 icTro:J/5 midl ARO.8:0.001:1 icTro:J/5 iC1000=TR170:FA0:SR830 C0=TA0:FR0:SA0 pAR0. RO.8:0.001:1 icri:0/5 mid1 12523 (4) t5 eypol.0800.076:0.035-0.449 LCO.024-0.837 : ARO.8:0.001:1 icri:1/5 mid1 ARO.8:0.001:1 icri:1/5 mid1 ARO.8:0.001:1 icri:1/5 mid1

12524 (5) t5 0.84700.169:0.164-0.915 LC0.038-0.964 iC1000=TR0:FA7:SR993 C0=TA0:FR0:SA0 PAR0.7:0.008 LAR 0.8:0.001:1 iCT0:2/5 midl ΓA 12527 (2) t5 cp>0.85300.154:0.163-0.915 LC0.038-0.964 iC0=TR0:FA0:SR0 C1000=TA806:FR0:SA194 pAR0.6:0.008 LAR0.8:0.001:1 iCT0:1/5 midl 12528 (3) t5 cp>0.10500.072:0.038-0.447 LC0.024-0.963 iC1000=TR47:FA0:SR953 C0=TA0:FR0:SA0 pAR0.6:0.008 LA C1000=TA926:FR0:SA74 pAR0.6:0.008 <0.855U0.160:0.163-0.915 LC0.038-0.964 iC0=TR0:FA0:SR0</p> R0.8:0.001:1 iCTO:0/5 mid1 (1) t5

mid1 0.8:0.001:1 iCT0:2/5

ΓA (2) t5 e>0.853U0.154:0.163-0.915 LCO.038-0.964 iCO=TRO:FA0:SR0 C1000=TA817:FR0:SA183 pAR0.5:0.008 L ΓA ARO.8:0.001:1 iCT0:1/5 mid1 12534 (3) t5 0.105U0.072:0.038-0.447 LC0.024-0.963 iC1000=TR47:FA0:SR953 C0=TA0:FR0:SA0 pARO.5:0.008 RO.8:0.001:1 iCTO:0/5 mid1 (1) t5

RO.8:0.001:1 icTi:0/5 mid1 12555 (4) L5 cp>0.108U0.076:0.035-0.449 LCO.024-0.837 iC1000=TR170:FA0:SR830 C0=TA0:FR0:SA0 PAR0.5:0.008 L ARO.8:0.001:1 icTi:1/5 mid1

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。

12542 (d)pak0.6:0.008で、指定話者が1/5非指定数字を発した(2)の場合、受理が80.6%(Ta806)、受理保留が19.4%(SA1

12543 (e)pakの 50 つ容線

12544 (f)セキュリティの面からは(1)誤集却はあっても良いが誤受理は無くしたい。一方、実用面からは(ii)正解入力

2036年(1)の登理率は高くしたい。

2036年(1)の発理率は高くしたい。

12545 pako.6:0.008で、指定話者+2/5非指定数字列の(5)の場合、誤受理が0.7%(FA7)あったが、「指定話者は数字

12545 pako.6:0.008で、いう観点からは

12546 会線できる。(i)と(ii)の両面で容器できると考える。

12547 (g)vert-1では pakricropa、capa、capa、capa、capa、capa、capa、capa、試行錯誤で行っ

12547 (g)vert-1では pakricropa、capa、capa、capa、capa、capa、capa、capa、試行錯誤で行っ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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12602 (2) t5 cp>0.943U0.151:0.147-0.990 LC0.003-0.999 iCO=TRO:FA0:SRO C1000=TA765:FR0:SA235 pARO.85:0.09 L ARO.91:0.001:1 iCTO:1/5 mid3
12603 (3) t5 cp>0.043U0.05:0.010-0.583 LC0.002-0.999 iCO=TRO:FR0:SA0:SRO C0=TA0:FR0:SA235 pARO.85:0.09 LARO.91:0.001:1 iCTO:1/5 mid3
12603 (3) t5 cp>0.035U0.065:0.010-0.583 LC0.002-0.999 iC1000=TR1000:FA0:SRO C0=TA0:FR0:SA0 pARO.85:0.09 LA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              12538 5.2.4 検討
12539 (a)誤受理は、(1)-(4)すべてで無かった(FAO). なお(2)で1/5非数字であるが指定話者なので1/5以下の非数字は
                                                                                                                                                                                                                                                                                                                                                                                                                                                        12539 (a)誤受理は、(1)-(4)すべてで無かった(FAO). なお(2)で1/5非数字であるが指定語者なので1/5以下の非数字は2を理する。
25.20 (b)誤集却は、(1)-(4)すべてで無かった(FEO)。
12541 (c)paRo.6:0.008で、指定話者が全て指定数字を発した(1)の場合、受理が92.6%(TA926)、受理保留が7.4%(SA74)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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$ver $pART $LAR $tes
PAR0.5:0.008 LAR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       #test=test:4:1000:0:0;#test:4:<n>:<riCS>:<riCd>, for <n>=num_of_samples, <riCS>=inCorrect_speakers_r
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               speaker and digits
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parT=parT:.85:.20:10:#parT:cpa>:cpR>:cT> for cpA>=accept_prob, cpR>=reject_prob, cT>=terminal_time.
LaR=LaR:0.9:0.001:1; #LaR:<LA>:cLR>:cLA>:CAA>=accept_Likelihood, cLR>=reject_Likelihood,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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Of the Bayes #Infordible.
#Info
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TT=TT:1;

Ver-ver:2;

#TT:1> for testing data of (1>-th date with the control of calculating probability the calculating probability the calculating probability the calculating probability the calculating ca
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#\triCs>:\informedt_peakers_ref( 0 or 1)
#\triCs>:\informedt_peakers_ref( 0 or 1)
#\triCs>:\triCp> for number \triCs> (10d of incorrect digits in <tD> digits
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         speaker
#test=test:0;
#dest=test:0;
#dest=test:0;
#dest=st:0:0:1:2:3:4:5:6:7:8:9; #sdP:<speaker>:<digitl>:<digitl>:... for prompted
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3.1 様 行
(1)精定語者+指定数字列のテスト
(2)精定語者+1.5指指定数字列のテスト
(3)非精定語者+1.5指花数字列のテスト
(4)非精定語者+1.5指定数字列のテスト
(5)精定語者+2.5非指定数字列のテスト
(5)指定語者+2.5非指定数字列のテスト
(5)指で語者・2.5非指定数字列のテスト
(5)指に語者・2.5非指に数字列のテスト
(5)指に語者・2.5非指に数字列のテスト
(6)非指に話者・2.5非指に数字列のテスト
(7)非指に記者・1.00(4)には、1.00(4)には、1.00(4)には、1.00(4)には、1.00(4)には、1.00(4)には、1.00(4)には、1.00(4)には、1.00(4)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00(5)には、1.00
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lT=lT:1;
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### 以上をコピペして実行する
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                                                                           pmin=pmin:0.01;
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beta=beta:1;
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R0.91:0.001:1 iCT1:0/5 mid3

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12611 (4) 指文配音か1/5非指定数字を発して(2)の場合、変理が76.5%(TA/65)、変理保留か23.5%(SA235)。1/5非指定数 12612 (6) 非推定数者(3)(4)では正葉期が1/09%(TW=1000)。
12613 (6) 非常流海者(3)と(4)では正葉期が1/00%(TW=1000)。
12613 (6) 生 コリティの面からは(1)誤棄却はあっても良いが誤受理は無くしたい。一方、実用面からは(ii)正解入力 0.86台(1)の受理率は高くしたい。
12614 指流着十20分割の(5)の場合、誤受理が0.6%(PA6)あったが、「指定語者は数字間違いが少なければ変更する」という観点からは 12615 (3)と関連がらは 12616 (3)と復による数字列判定は未解析だが、解析を須。 12617 (1)指定語者上指定数字列のテスト 12618 (4)非指定語者上指定数字列のテスト 12611 (3)指定語者上指定数字列のテスト 12611 (3)指定語者上15非指定数字列のテスト 12621 (2)指定語者上15非指定数字列のテスト 12621 (2)指定語者上15非指定数字列のテスト 12621 (2)指定語者上25非指定数字列のテスト 12621 (2)指定語者上25非指定数字列のテスト 12621 (2)指定語者上25非指定数字列のテスト 12621 (2)指定語者上25非指定数字列のテスト 12621 (2)指定語者上25非指定数字列のテスト 12621 (2)指定語者上25非指定数字列のテスト 12622 (4)非指定数字列のテスト 12621 (5)指定語者上25非指定数字列のテスト 12622 (5)指定語者上251000:$(ica): $(ica): $(ica):
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12642 (a.) 誤受理は、(1)-(4)すべてで無かった(PRO), なお(2)で1/5非指定数字であるが指定話者なので1/5以下の非数字は受理する。
12643 (a.) 誤受理は、(1)-(4)すべてで無かった(PRO)。
12645 (b.) 誤棄却は、(1)-(4)すべてで無かった(PRO)。
12645 (c.) 指定語者が全て指定数字を発した(1)の場合、受理が66.5%(TR664)、受理保留が13.6%(SA136)。
12646 (d.) 指定話者が1/5非指定数字を発した(1)の場合、受理が66.5%(TR665)、受理保留が13.5%(SA335)。1/5非指定数字なので答認。
12647 (d.) 指定話者が12人4)では正葉却が97.1%(TR971)と98.0%(TR980)である。
12647 (d.) 指定話者と25年指定数字の描からは(1)誤棄却はあっても良いが誤受理は無くしたい。一方、実用面からは(11)正解入力の場合(1)の受理率は高くしたい。
12649 (f.) セネュリティの面からは(1)の場合、誤受理が6.2%(PRO2)あったが、「指定話者は数字間違いが少なければ変理する」という観点からは
12650 容認できる。(1)と(11)の両面で答認できると考える。
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LA
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cmd="speakerdigit_v $fsd $nSDL $pmin $ytm $PNr $void $gibbs $beta $sdP $1T $sdT $ver $paRT $LaR $tes
                                                                                       LAR
                                                                                                                                                                                                       12607 3.3 検討
12608 (a)誤受理は、(1)-(4)すべてで無かった(FAO). (2)で1/5非指定数字であるが指定話者なので1/5以下の非数字は
受理する
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            (5) t5 0.956U0.163:0.062-0.990 LCO.003-0.998 iC1000-TRO:FA2:SR998 C0=TA0:FR0:SA0 pARO.8:0.05 LARO
                                                                                                                                                                                                                                                                                                                                                                                                                   1/5非指定数
(4) t5 cp>0.033U0.042:0.010-0.268 LC0.002-0.999 iC1000=TR1000:FA0:SR0 C0=TA0:FR0:SA0 pAR0.85:0.09
0.91:0.001:1 icri:0/5 mid1
12639 (4) t5 exp-0.2200.49:0.010-0.456 LC0.002-0.858 iC1000=TR980:FA0:SR20 C0=TA0:FR0:SA0 PARO.8:0.05
0.91:0.001:1 icri:1/5 mid1
12640 (5) t5 exp-0.95600.163:0.062-0.990 LC0.003-0.998 iC1000=TR0:FR0:FR0:SA0 PARO.8:0.05 L
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                                                                                                                                                                                                                                                                                                                            12609 (b)誤策却は、(1)-(4)すべてで無かった(FRO)。
12610 (c)指定話者が全て指定数字を発した(1)の場合、受理が90.2%(TA902)、受理保留が9.8%(SA98)。
12611 (d)指定話者が1/5非指定数字を発した(2)の場合、受理が76.5%(TA765)、受理保留が23.5%(SA235)。
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for iCs in 0 1; do for iCd in 0 1; do
#for iCs in 0; do for iCd in 2; do
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            容認できる。(1)と(11)の同面で容認できる(3)尤度による数字列判定は未解析だが、解析必
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### 以上をコピペして実行する。
4.2 結果
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Jun 19 2021 08:15:37

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12781 #(3)#排指定話者+指定数字列のテスト結果 #Done for test:5:1000:1:0:5;pART:.85:.09:10:1AR:0.91:0.001;
12782 t5 20.035 U0.065 pm0.010 pM0.583 LCm0.002 LCM0.999 R1000=TR1000:FA0:SR0 A0=TAO:FR0:SA0 pAR0.85:0.0 iC1:0/5 mid3
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#LAR:A.CLA.DAP:CARCEPL_LINGO, CARS=LEGECL_LINGO, ATS=LEGECL_LINGO, ATS=LAR:0.09:0.00100; #LAR:A.CLA.DAP:CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.DAP.CARD.D
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12776 t5 0.977 U0.092 pm0.236 pM0.990 LCm0.022 LCM0.999 R0=TR0:FA0:SR0 A1000=TA742:FR0:SA258 pAR0.85:0.
1.2777
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 pAR0.85:0.09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               <T>=terminal_time.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               speakerdigit
                                                                                                                                                                                                                                                                                                                                                                                                                                                    2. ブログラム: speakerdigit_v.c

2. ブログラム: ppeakerdigit_v.c

2. ブログラム: (以下の3.4,...の実行の前に次の最定をすること)

pART-pART: 85: 20:10: #LAR: <LAB: <
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     #threshold of probability p for pmincpc1-pmin
#ytmi1:ca>:cn> for method to get cn> samples for -a < yth < +a
#ytm:0 for method to determine yth using Pwr:0,9 (see ICONIP2012)
#ytm:0 for use void (see ICONIP2012) not available now
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ### 以上をコピペして実行する
#cmd="speakerdigit_v $fsd $nSDL $pmin $ytm $PNr $void $gibbs $beta $sdP $1T $sdT $ver $paRT $LaR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    cmd="speakerdigit_v $fsd $nSDL $pmin $ytm $PNr $void $gibbs $beta $sdP $lT $sdT $ver $pART $LAR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     sc_lagd=sdr:0:0:1:2:3:4:5:6:7:8:9; #sdT:<speaker>:<digitl>:<digitl>:<digitl>:</digitl>:</digitl>:</digitl>:</digitl>:</digitl>:</digitl>:</digitl>:</digitl>:</digitl>:</digitl>:</digitl>:</digitl>:</digitl>:</digitl>:</digitl>:</digitl>:</digitl>:</digitl>:</digitl>:</digitl>:</digitl>:</digitl>:</digitl>:</digitl>:</digitl>:</digitl>:</digitl>:</digitl>:</digitl>:</digitl>:</digitl>:</digitl>:</digitl>:</digitl>:</digitl>:</digitl>:</digitl>:</digitl>:</digitl>:</digitl>:</digitl>:</digitl>:</digitl>:</digitl>:</digitl>:</digitl>:</digitl>:</digitl>:</digitl>:</digitl>:</digitl>:</digitl>:</digitl>:</digitl>:</digitl>:</digitl>:</digitl>:</digitl>:</digitl>:</digitl>:</digitl>:</dd>:</dr>

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                                                                             10
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3.1 実行
### Dy Tをコピベレて実行する
Lors ino 1; do for icd in 0 1; do
test=test:5:1000:${Ics}:${icd}:5:paRT=paRT:.85:.09:10;LaR=LAR:0.91:0.001:0;
いかなかった、why?)
指定数字の方度Lc5/b しきい値 th->La以上の場合、そのステップに
指定数字の方度Lc5/b しきい値 th->La以下ならば、そのステップに
(2)すべてのステップに受用マークがあれば指定数字列は受罪(a)、
いずれかのステップに発車マークがあれば指定数字列は発揮(a)、
やがれかのステップに乗車マークがあれば数字列金体を獲算(R)、
それが外体接程(S)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             新へ、一をある。
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         echo "#Done for $test; $pART; $LAR"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 12779 t5 0.943 U0.151 pm0.147 iC0:1/5 mid3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          #ytm=ytm:0;PNr=PNr:0.9;
```

Jun 19

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#Done for test:5:1000:11:1:5;parT:.8:.09:10;Lar:0.91:0.001
2 LCM0.858 R1000=TR1000:FA0:SR0 A0=TA0:FR0:SA0 paR0.8:0.09
   0.85,
  .
   ₽
rs t "", \
errorbars t
using 1:2 w 1, "" using 1:2:3 w errorbar ($1+0.1):2 w 1, "" using ($1+0.1):2:3 w
   using
.dat"
0_0_5.
plot "test_sd_test1000_0_0_!
"test_sd_test1000_1_1_5.dat"
```

md pmin rA rR き出すようにした -UC- +UC+ readmecan2mspeech.txt Jun 19 2021 08:15:37

12914 time cookspeakerdigite sprins: fins: mkk: mkc: mmt: mmh: mym tx: zero: ichi: ni:san:;yon:go:roku: nana: hachi:kyu nati: 1 (12014 time: nkk: mkc: mmt: mmh: mym tx: zero: ichi: ni:san:;yon:go:roku: nana: hachi:kyu nati: 1 (12014 time: 1.12016 time: 1 ことは ١J : 数字列が ر را を示す。 √ 0 却する test:4:<test->n>:0で設定 での正規分布の累積) 9 IF الد ランダムな数字列は乗却または保留にし(受理しない)、誤った制定をしないことができること結果として、数学を10個(または数学5個を2回人力)人力して判定すれば実現できる。が、解釈:t=10で、偽陽性と偽陰性が0を適成できる。ただし、若干数の保留があり、非指定計甲ンメム数字列の患亡のある。 とこう 指定通りに発声していると判断できるときのみ受理判定 (楽) を上げ ر ر をする」 ない。 とそのみ返出 話者CAN2,数字CAN2,話者数字CAN2の分類性 →「本人が1008指に通りに発声していると判断できるときのみ受理数字列の中で半分以上同じだと多段では受理率が高くなり、乗却でき?「本人が4個の数字中3個以上、指定通りに発声していると判断できる。 と判断でき 正しく発声した 「テキスト指定形ではテキストを 「本人が5個の数字中4個以上、 評価実験を行う前に、まず、 と矛盾する?しない? (20130211) 2. 評価実験を (20130211) 2.1 話者CAN2 1 1 していること 12898 12894 12895 可能? 12896 とは可能? 12897 12899 12900 12901 12902

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'../12voicedata/allpole/oob4d:
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J. ERR. n., txm2
J. ERR. n., txm3
J. ERR. n., txm4
J. ERR. n., txm6
J. ERR. n., txm7
              ERR, D. D. 
and
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'../12voicedata/allpole/oob4d: and

:ni:san:yon:go:roku:nana:hachi:kyu

readmecan2mspeech.txt Jun 19 2021 08:15:37

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                   (20130211) 3.4-1 話者数字列照合:指定話者+指定数字列をテスト
pakr=pakr:.85:.42:4 #Fの 3.5-1 でrico_0の95%の下限と、rico_0.9の95%の上限として求めた
#pakr=pakr:.89:.38:5 #この図でt=5におけるrico_0のエラーバーの下限(95%)と、rico_0.9のエラーバーの上限
して求めた
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 rA rR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         13073 # T=10でriCo_0でrR=0(問題ってRejectしない), riCo_0.9でrA=0 (問題ってAcceptしない)になる?
113074 speakerdigit、v1 fsd:.,112voicedata/allpole/oob4sd:-lM40mbag2:300:1.6:1.y nSDL:7:10:10 pm.n:0.01 :
ytm:1:0.9:1000 pw.s.0.9 void:0 gibbs:1 beta:1 sdP:0:0:1:2:3:4:5:6:7:8:9 lT:1 sdT:0:0:1:2:3:4:5:6:7:8:9 rese:4:1000:0:0.0.9 ; grep selected tmp/tested.adr
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        _{\rm rR}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     rR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            rA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               rA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    rA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          rA rR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           (20130211) 3.4-5 話者数字列照合:指定話者+90%非指定数字列をテスト 新手法 ytm:1:0,9:1000
pART=pART: 85:42:4 #Fの 3.5-1 で±100,0095%の下限と、±1C0_0:9095%の上限として求めた
pART=pART: 89:38:5 #この図でE=5におけるx1C0_0のエラーバーの下限(95%)と、x1C0_0:9のエラーバー
でよめた
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             rA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       rR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              rA rR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        rA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         +DC+<d>>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   +DC+
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            rA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 推定値はpao_95)
1 (rico_0) に対し間違ってRejectしない (0Reject)ことが分かい
2000.68は保留される。
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        -DD-<d>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       <q><</p>
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          <D>- \(\Omega\)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                <D>-QC-<</p>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            <d><d><</p>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          <q><</p>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       -DC-<d>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 13041 10.817840 0.428164 -0.285270.0979942 0.8853 0.088 0.010.920496 #t prof. 131884 0.428216 -0.285270.0979942 0.8853 0.088 0.010.920496 #t cpp. 13042 2 0.940191 0.230776 0.395996 1.01958 0.857 0.014 0.0186579 0.99 #t cpp. 13042 2 0.940191 0.230776 0.395996 1.01958 0.857 0.014 0.0186579 0.99 #t cpp. 13042 3 0.940191 0.230776 0.395996 1.01958 0.857 0.014 0.0186579 0.99 #t cpp. 13043 3 0.963334 0.166104 0.57719 1.00593 0.947 0.011 0.0413364 0.99 #t cpp. UC cpp. 13043 3 0.963334 0.166104 0.57719 1.00593 0.947 0.011 0.0413364 0.99 #t cpp. UC cpp. 13044 4 0.974917 0.108818 0.687994 0.998528 0.96 0.004 0.164598 0.99 #t cpp. UC cpp. 13045 5 0.979099 0.0764535 0.779294 0.998528 0.99 0.001 0.307785 0.99 #t cpp. UC cpp. 13046 5 0.979099 0.0764535 0.779294 0.998534 0.99 0.001 0.307785 0.99 #t cpp. UC cpp. 13046 6 0.981443 0.0644399 0.81982 0.99 0.001 0.226104 0.99 #t cpp. UC 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   n pmax<-0.994,000 to 100 to 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0.99
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0.99
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0.993614 0.988 0 0.384955
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0.993103 0.991 0 0.480712
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0.992648 0.993 0 0.542637
1N30mbas2:300:1.6:1.ystat'.
13022 0.99714 0.98571 0.01429 0.04286 8.16327e-05 700
13023 0.99714 0.98571 0.01429 0.04286 8.16327e-05 700
13024 0.991429 0.99524 0.01746 0.02857 6.5756e-05 700
13025 0.991429 0.99524 0.00476 0.08571 1.2025e-04 700
13026 0.94286 0.97302 0.02698 0.05714 1.20181e-04 700
13027 0.91429 0.99683 0.0317 0.08571 1.20846-04 700
13028 0.89714 0.97619 0.02381 0.14286 2.38095e-04 700
13030 0.991429 0.99524 0.00476 0.08571 1.20252e-04 700
13031 1.00000 0.99365 0.00537 0.10000 1.60998e-04 700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                pmax<-0.98Accept 0.001Reject(pA0.89,pR0.38)
13.047 7 0.983051 0.024786 0.983169 0.9940.
ax<-0.985Accept 0Reject(pA0.89,pR0.38)
13.048 8 0.983888 0.0504856 0.856449 0.9936.
ax<-0.988Accept 0Reject(pA0.89,pR0.38)
13049 9 0.984671 0.045382 0.875499 0.9931
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ax<-0.991Accept OReject(pA0.89,pR0.38)
13050 10 0.985513 0.037018 0.894984 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               13072 P
95%)として
13073 #
```

in pmax<-0.003Accept 0.948Reject(pA0.89,pR0.38)
13084 8 0.107311 0.207223 0-00040410420 0.437111 0.001 0.952 0.01 0.91361 #t cp> UC cp>-UC- cp>+UC+ rA rR pm in pmax<-0.001Accept 0.952Reject(pA0.89,pR0.38)
13085 9 0.105211 0.199914 -0.00136688 0.433515 0.001 0.954 0.01 0.892408 #t cp> UC cp>-UC- cp>+UC+ rA rR pp min pmax<-0.001Accept 0.954Reject(pA0.89,pR0.38)
13086 10 0.101247 0.181466 0.0023216 0.388288 0 0.965 0.01 0.839314 #t cp> UC cp>-UC- cp>+UC+ rA rR pp min pp max<-0.001Accept 0.954Reject(pA0.89,pR0.38) шd rR pmi gnuplot #10 iii0_0の95%の下限と、rico_0.9の95%の上限を求める plot "test_ad_ricO_0yrml_0.9N40.dat" using 1:2 w 1, "" using 1:2:3 w errorbars, \ "test_ad_ricO_0.9yrml_0.9N40.dat" using (\$1+0.1):2 w 1, "" using (\$1+0.1):2:3 w errorbars #paxr=paxr:.85:.42:4 #この図でt=4におけるrico_0のエラーバーの下限(95%)と、rico_0.9のエラーバーの上限 して求めた #paktr=paktr: 89:.38:5 #この図でt=5におけるrico_0のエラーバーの下限(95%)と、rico_0.9のエラーバーの上限 して求めた <UC- <p><UC+ rA rR pmin pmax<-0Accept lRejec</p> pmi pmax<-OAccept 1Rejec rR pmi 0.102411 0.446264 -0.0499006 1.38786 0.098 0.902 0.01 0.920496 #t UC -UC - -UC - -D rR plot "test_sd_rico_oytml_0.9N40.dat" using 1:2 v 1, "" using 1:2:8:9 w errorbars, \
""test_sd_rico_0.9ytml_0.9N40.dat" using (\$1-0.1):2 w 1, "" using (\$1-0.1):2:8:9 w errorbars
""test_sd_rico_0.9ytml_0.9N40.dat" using (\$1-0.1):2 w 1, "" using (\$1-0.1):2:8:9 w errorbars
0.85:t=10でのピンタ (trico_0.9N40.dat")のエラーバーの下限
1-10で、pk=-0.54 (trico_0.00 pmin(8)の下)ならば間強ってRejectしない
1-10で、pk=-0.95(trico_0.90 pmax(9)の上)のとき間違ってRejectしない
1-10で、pk=-0.95(trico_0.90 pmax(9)の上)のとき間違ってRejectしない にするしきい値 ## t=10でric0_0でrR=0(間違ってRejectしない), ric0_0.9でrA=0 (間違ってAcceptしない) #(2) ric0_0でrR=0(間違ってRejectしない), ric0_0.9でrA=0 (間違ってAcceptしない) ../12voicedata/allpole/test_sd_ric0_0.9ytml_0.9N40.dat 0.01 0 1 0.01 0.01 #t UC UC UC TA RR DM ってAcceptしない(OAccept) 留になる。 (20130211) 3.2 数字のM2による数字列照合 (20130211) 3.2-1 数字列照合:指定話者+指定数字列をテス 。 parr=parr:.85:.33:4 max<-0Accept 0.974Reject(pA0.85,pR0.42) 13102 #t=4で0.94SReject(を強成 (推定値はpR0.95) 13103 #t=10で始が応語者908非指定数字列(riCo.0.9)を開選 13103 #このとき、98.5%は幾値されるが、のこり0.5%は保 (20130211) 3.5 結果の視覚化と考察 (20130211) 3.5-1 視覚化 cd ../l2voicedata/allpole/ dat . 0.01 (t(pA0.89,pR0.38) 13077 1 0.10241 13104 13105 13106 13106 13109 13101 13111 13111 13114 (95%) & (95%) & (13114 13115 13115

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13132 speakerdigit_v fd:../12voicedata/allpole/oob4d:-1N40mbas2:300:1.6:1.y nSDL:7:10:10 pmin:0.01 \$pART y tm:1:0.9:1000 pN::0.9 void:0 gibbs:1 beta:1 sdP:0:0:1:2:3:4:5:6:7:8:9 lT:1 sdT:0:0:1:2:3:4:5:6:7:8:9 ver:-2 test:4:1000:0:0 ; grep selected tmp/testsd.dat

13133 op tmp/testsd_stat.dat ../12voicedata/allpole/test_d_riCO_0ytml_0.9N40.dat 13134 0 0.01 2.06085e-16 0.01 0.01 0.01 0.01 #t UC -UC -VC - xp xR

pmin pmax<-0Accept 1Rejec pmi

pmin pmax<-0 rA rR шd rA rR rA t(ph0.85,pR0.33)

13.135 1 0.827696 0.466146 - 0.440086 0.999574 0.881 0.119 0.01 0.960305 #t cp-uCn pmax.c.0.831Accept 0.119perject(pA0.85,pR0.33)

13.136 2 0.93825 0.261866 0.40357 1.02358 0.92 0.032 0.01 0.99 #t cp-uC- cp-uC-

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шd шd <+UC+ rA rR pmin</p> rR rA ax<0.078Accept DReject(pAO.88,pR0.33)
ax<0.098Accept DReject(pAO.88,pR0.33)
13141 7 0.981292 0.0550142 0.895103 0.995103 0.995 0.0599457 0.99 #t cp> UC cp>-UC- cp>+UC+ r3
ax<0.098Accept DReject(pAO.88,pR0.33)
13142 8 0.982735 0.0480098 0.85657 0.994101 0.992 0 0.436769 0.99 #t cp> UC cp>-UC- cp>+UC+ r3
ax<0.098Accept DReject(pAO.88,pR0.33)
13143 9 0.983845 0.0360897 0.895888 0.995 0 0.638087 0.99 #t cp> UC cp>-UC- cp>+UC+ r3
ax<0.995Accept DReject(pAO.85,pR0.33)
13144 10 0.984919 0.0282113 0.918069 0.99269 0.996 0 0.772793 0.99 #t cp> UC cp>-UC- cp>+UC+ r3
max<0.996Accept DReject(pAO.85,pR0.33)
13145 (2013011) 3.2-5 数字列照合:指定話者+908非指定数字列をテスト

pmi t(pA0.85,pR0.33) 13151 1 0.09961

d uimd rR rA rA +DC+<</p>

шd rA rR p +DC+

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pmax<-0Accept 0.977Reject(pA0.85,pR0.33) 13159 9 0.0482388 0.134341 -0.00221911 0.309447 0.001 0.984 0.01 0.883136 #t UC UC UC TA UC -UC--0.000294479 0.260095 0 0.985 0.01 0.791344 #t pmin pmax<-0.001Accept 0.984Reject(ph0.85,pR0.33)
13160 10 0.0439475 0.114665 -0.000294479 0.26009
in pmax<-0Accept 0.985Reject(pA0.85,pR0.33)

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(20130211) 3.2-5 数字列照合:指定話者+20%非指定数字列をテスト (1/4) n pmax<-0Accept 0.985Reject(pA0.85,pR0.33) 13161

cd ../12voicedata/allpole/ gnuplot #/,

#(1) rico_0の 95%の下限と、rico_0.9の 95%の上限を求める plot "test_d_rico_0yrml_0.9N40.dat" using 1:2 w 1, "" using 1:2:3 w errorbars, \ "test_d_rico_0.9yrml_0.9N40.dat" using 1:2 w 1, "" using 1:2:3 w errorbars #pakr=pakr; 85:.33:4 #この図でt=4におけるrico_0のエラーバーの下限(95%)と、rico_0.9のエラーバーの上限 して発めた #(2) ricC_OでrR=0(間違ってRejectしない), riCO_O.9でrA=0(間違ってAcceptしない)にするしきい値 13173 #p (95%) & L T T 13174 #(& 13175 pl 13176 "t

plot "test_d_ric0_0ytml_0.9N40.dat" using 1:2 w 1, "" using 1:2:8:9 w errorbars, \
"test_d_ric0_0.9ytml_0.9N40.dat" using (\$1+0.1):2 w 1, "" using (\$1+0.1):2:8:9 w errorbars
0.85:t=10でのピンク (ric0_0.9)のエラーバーの上限の上、0.54:t=10で繰(ric0_0)のエラーバーの下限の下。
#t=10で、pase.0.76(ric0_0.0)のpmin(8)の下)ならば開進ってRejectしない
#t=10で、pase.0.8(ric0_0.9)のpmax(9)の上のとき開递ってReceptしない
#parr=parr:.85:.33:4 なので条件を猶たす

Jun 19

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plot "test_d_ziCO_0ytml_0.9M40.dat" using 1:2 M , "" using 1:2:3 w errorbars,
"test_d_ziCO_0.25ytml_0.9M40.dat" using 1:2 M 1, "" using 1:2:3 w errorbars
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tm:1:0.9:1000 pNr:0.9 void:0 gibbs:1 beta:1 sdp:0:0:12:3:4:5:6:7:8:9 lT:1

test:4:1000:0:0.75 ; grep selected tmp/testsd.dat

13188 pt tmp/testsd.gata..dat ...(Ztwp/cedata/allpole/test.d_riC0_0.75ytml_

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13191 2 0.568792 0.581686 -0.109752 1.11248 0.067 0.733 0.01 0.99 #
x<-0.067Accept 0.7787eject(pA0.89,pR0.38)
13192 2 0.558792 0.581686 -0.109752 1.11248 0.067 0.733 0.01 0.99 #
x<-0.06Accept 0.7387eject(pA0.89,pR0.38)
13193 4 0.251208 0.503033 -0.114739 0.890765 0.06 0.803 0.01 0.99 #
x<-0.06Accept 0.808Reject(pA0.89,pR0.38)
13193 4 0.25210.0487417 -0.0555574 1.04488 0.046 0.746 0.01 0.9879
pmax<-0.06Accept 0.746Reject(pA0.89,pR0.38)
13194 5 0.2220970 0.45032 -0.056042 0.814112 0.025 0.828 0.01 0.99 #
x<-0.05Accept 0.74Reject(pA0.89,pR0.38)
13195 6 0.208079 0.41533 -0.056042 0.814112 0.025 0.828 0.01 0.99 #
x<-0.053Accept 0.88Reject(pA0.89,pR0.38)
13196 7 0.198164 0.38178-ject(pA0.89,pR0.38)
13197 8 0.319314 0.38178-ject(pA0.89,pR0.38)
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13198 9 0.183133 0.352663 -0.0256613 0.733427
13199 10 0.177904 0.332454 -0.02656131 0.670692 0.006 0.856 0
in pmax<-0.0006Accept 0.865Reject(pA0.89,pR0.38)
13199 10 0.177904 0.332454 -0.0264331 0.670692 0.009 0.841 0.11200 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.841 0.8
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13225 1 0.6748
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13190 1 0.21921
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                                                                                                                                                                                                                                                                                                                                                                                                                                                 積りのバラツキが大きくな
使っている。今回は汎化能
                                                                                                                                                                                                                                                                                                                                                                                                                       2. 評価実験を行う前に、まず、話者CAN2,数字CAN2,話者数字CAN2の分類性能を上げる。
パギング学習で、alpha=1.60と等、与えられたデータの内、約80%=1-exp(-1.6)=0.798
数りを予想することとなり、予測性能が良くなる可能性がある。
(なお、alphaを大きくすると未知データに対する現化能力の見限りのバッツキが大きく
道常は、alphaを大きくすると未知データに対する現化能力の見限りのバッツキが大きく
通常は、alpha=0.7として50%等習し、数り50%を予測するものを使っている。今回は汎化
あまり重視しないのでこれでやってみる。)
                                                                                                                                があるテキストを指定するか問題である。文献[2](松井、古井:テキスト指征形名者認識、1996)では、20.40文字数のテキストからな谷学習ピテストデータセットまかなり類似度が低いテキストから構成されている。「テキスト照合では、指定された・デ・ストとは現なるテキストを発声した場合」と書かれているがどのように関心を示えたしていて、文脈からすると用意したテストデーをのうちのプルラに関なるからったと考えられるが、それのの類似に対してデストデーをのうちのではか異なるものをしたと考えられるが、それの類似度はかなり低いと考えられる。
・報に、テキストを正しく発声したかどうかの判断は、指定テキストとテストト・キストを正しく発声したかどうかの判断は、指定テキストをデストト・キストをデルの対似度が影響する。下の実験では、多段照合を行っても、全文字数らとの区別はできない。
                                                                                                                                                                                                                                                                                                       田舎い、
                                                                                                                                                                                                                                                                                                                                         字 CAN2、
な数字数は
                                                                                                                                 VC < d>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       txm0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ERR, n,
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                                                          0.794 0.017
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   13231 7 0.884564 0.304433 0.331841 1.02809 0.735 0. pmax<-0.735Accept 0.045Reject(pA0.89)pR0.38) 1232 8 0.896988 0.269128 0.422134 1.02302 0.75 0.0 pmax<-0.75Accept 0.0268eject(pA0.89,pR0.38) 1323 9 0.905592 0.249603 0.42557 1.01819 0.775 0.0 pmax<-0.775Accept 0.024Reject(pA0.89,pR0.38) 13234 10 0.914911 0.226281 0.492345 1.01428 0.794 0. pmax<-0.794Accept 0.017Reject(pA0.89,pR0.38) 13234 10 0.914911 0.226281 0.492345 1.01428 0.794 0.
                                                                                                                              ###################
                                                                                                           13239
```

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tx:zero:ichi:ni:san:yon:go:roku:nana:hachi:kyu ntx
'../12voicedata/allpole/oob4d:-1N50mbas2:300:1.6:1.y' and '../12voicedata/allpole/oob4d:
                                                                                                                                                                                                                   ? ->0.7below
                                                                                                                                                                                                                                                                                                                                            ? ->0.7below
                                                                                                                                                                                                                                                                                           7below
                                                                                                                                                                                                                                                                                           ->0.
                                                                                                                                                                                                                                                                                           ٥.
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                                                                                                                                                                                                                                                                                                                   txm0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            txm9
txm0
txm1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  txm1
txm2
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txm9
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txm5
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txm8
                                                                                                                                                                                                                                                                               txm7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             txm7
                                                         ,ERR,n,sm6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ERR,n,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     13378 #result in '../12voicedata/allpole/oob4sd:-INSOmbas2:300:1.6:1.ystat'.
                                                            1... (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (1270) (127
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1.53209e-04 700 3
2.85714e-04 700 3
4.14079e-06 700 3
2.85714e-04 700 3
4.3052e-04 700 3
5.71429e-04 700 3
1.42857e-04 700 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0.10000
0.20000
0.00000
0.20000
0.30000
0.40000
                                            | 100000 | 0.9955 | 0.00425 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.00735 | 0.0073
                                      :fhs:
                                      #oob4speakerdigit+
13305 #result in '../12v
.N50mbas2:300:1.6:1.ystat'
```

u ntxi:10 } 13381 #参

readmecan2mspeech.txt Jun 19 2021 08:15:37

/oob4sd:1:2N30mbas2:300:1.6:1.ystat'

13403 3.1 虧者CANDIC, 人名西者服百少 評価災験 13404 3.1-1 虧者CANDIC, 人名西者服百 13464 3.1-1 虧者服合:指定虧者十指定数字列をテスト 新手法 ytm:1:0.9:1000 13465 speakeredigit_u fs:...1Zvoicedata/allpole/oob4s:-lN50mbas2:300:1.6:1.y nSDL:7:10:10 pmin:0.01 pART:.5 5:0.25:4 ytm:1:0.9:1000 pRiv:0 y void:0 gibbs:1 beta:1 sdp:0:0:1:2:3:4:5:6:7:8:9 lT:1 sdT:0:0:1:2:3:4:5:6:7:8 5:0.25:4 ytm:10.9:1000 pRiv:0 y void:0 gibbs:1 beta:1 sdp:0:0:1:2:3:4:5:6:7:8:9 lT:1 sdT:0:0:1:2:3:4:5:6:7:8 13406 pp tmp/testsd_stat_dat_../lZvoicedata.Alpole/test_s_ricO_Oytml_0.9.dat 13407 #10 0.978426 0.0934571 #t cp> uncertainty_p(k2) <-- Accept! 13408 #selected n337 <FP>0.03+0.03+0.064+0.0282135 TotalUncertainty0.0142409(k2) 13410 3.1-2 話者照合:非指定監者+指定数字列をテスト 新手法 ytm:1:0.9:1000 3411 speakerdigity ケ fs:../Tyvoicedstalalipol-cob94s:-1850mbas2:3011.6:1.y nSDL:7:10:10 pmin:0.01 pART:.5 5:0.25:4 ytm:1:0.9:1000 PM::0.9 void:0 gibbs:1 beta:1 adp::0:1:2:3:4:5:6:7:8:9 lT:1 sdT::0:0:1:2:3:4:5:6:7:8 9. ver:-2 test:41:000:1:0.; grep selected tmp/tested.dat 13412 op tmp/tested_stat.dat ../12voicedata/Allpole/test_sriCl_Oytml_0.9.dat 13413 th0 0.0165620 0.056146 #t cp> vncertainty_p(N.2) <-- Reject! 13415 3.1-3 話者照合:指定話者+非指定数字列をテスト 新手法 ytm:1:0.9:1000 3416 speakerdigity-v fs:../Tavoicedstalalpoi-cob4s:-1850masa2:301.16:1.y nSDL:7:10:10 pmin:0.01 pART:.5 5:0.25:4 ytm:1:0.9:1000 PM::0.9 void:0 gibbs:1 beta:1 adP::0:1:2:3:4:5:6:7:8:9 lT:1 sdT::0:0:1:2:3:4:5:6:7:8 9 ver:-2 test:4:1000:0:1 ; grep selected tmp/tested.dat 13477 cp tmp/tested_stat.dat ../12voicedata/allpoie/test_s_x1CO_lytml_0.9.dat 13418 #10 0.97867 0.112299 #t cpp uncertainty_p(k2) ~- Accept! 13438 speakerdigit_v fd:..12voicedata_allpole_oob4d:-INSOmbaa2:300:1.6:1.v nSDL:7:10:10 pmin:0.01 pART:.5 5:0.55:4 yrm:11.0.9:1000 pm:.0.9 void:0 gibbs:l beta:l sdP:0:0:1.2:3:4:5:6:7:8:9 lT:1 sdT:0:0:11:2:3:4:5:6:7:8:9 lT:1 sdT:0:0:11:2:3:4:5:6:7:8:9 lT:1 sdT:0:0:11:2:3:4:5:6:7:8:9 lT:1 sdT:0:0:11:2:3:4:5:6:7:8:9 lT:1 sdT:0:0:11:2:3:4:5:6:7:8:0:7 13420 3.1.4 話者照合:非指定話者+非指定数字列をテスト 新手法 ytm:1:0.9:1000 13421 speakerdigit. v fs:../12voicedata/allpole/oob4s:-1N50mbas2:300:1.6:1.y nSDL:7:10:10 pmin:0.01 pART::5:0.25:4 ytm:1:0.9:1000 pNr:0.9 void:0 gibbs:1 beta:1 adP:0:0:1:2:3:4:5:6:7:8:9 lT:1 sdT:0:0:1:2:3:4:5:6:7:8:9 vor:-2 test:4:10000:1:1 ; grep selected tmp/testsd.at 13422 cp tmp/testsd_stat.dat ../12voicedata/allpole/test_s_ricl_lytml_0.9.dat 13425 3.1-5 話者照合:指定話者+90%非指定数字列をテスト 新手法 ytm:1:0.9:1000 13426 speakerdigit, v fs:../l2voicedata/allpole/oob4s:-lN50mbas2:300:1.6:1.y nSDL:7:10:10 pmin:0.01 pART:..5 5:0.25:4 ytm:1:0.9:1000 pNr:0.9 void:0 gibbs:1 beta:1 sdP:0:0:1:2:3:4:5:6:7:8:9 lT:1 sdT:0:0:1:2:3:4:5:6:7:8 :9 ver:-2 test:4:1000:0:0:9 ; grep selected tmp/testsed.dat 13427 cp tmp/testsed_stat.dat ../l2voicedata/allpole/test_s_ric0_0.9ytml_0.9.dat nSDL:7:10:10 pmin:0.01 pART:.5:9 lT:1 sdT:0:0:11:2:3:4:5:6:7:8 m2 txm2 .../12voicedata/allpole part:.5 :hachi:ky roku:nana:hachi:ky cp tmp/testsd_stat.dat_./Izvoicedata/allpoole/test_d_ricO_0ytml_0.9.dat #10 0.985457 0.0353956 #t cp uncertainty_p(k2) <-- Accept:</pre>
#selected n266 cFp>0.0142857+-6.93889e-18 cFp>0.065042+-0.0367064
TotalUncertainty0.0197034(k2) pmin:0.01 u ntxi:10 k:36 mbas:2:300:1.6:1 dir:../l2voicedata/allpole sd:2:2 N:30
13386 #参考#0.70000 0.98696 0.01304 0.30000 4.47205e-04 700 2 2 #TP_TN,FP.FN.ERR,n,sm2 tx
|3386 #参考#meutu in '.l2voicedata/allpole/oob4sd:2:2N30mbas2:300:1.6:1.y' and '../l2
|3387 #参考#cont.in in '.l2voicedata/allpole/oob4sd:2:2N30mbas2:300:1.6:1.y' and '../l2
|3387 #参考#cont.in in '.l2voicedata/allpole/oob4sd:2:2N30mbas2:300:1.6:1.y' and '../l2 speakerdigit_v fd:../12voicedata/allpole/oob4d:-1N50mbas2:300:1.6:1.y nSDL:7:10:10 13430 3.2 数字CAN2K よる数字列照合 13431 3.2-1 数字列照合 接着 指位置者 + 指位数字列をテスト 新手法 ytm:1:0.9:1000 13432 speakerdigit_v fd:.,/l2voidedata/allpole/oobdd:-IN50mbas2:300:1.6:1,y nSDL:7:1 5:0.25:4 ytm:1:0.9:1000 PMr:0.9 void:0 glbbs:1 beta:1 sdP:0:0:1:2:3:4:5:6:7:8:9 lT:1 s :9 ver="2 test:4:1000:0:0;0 / grep selected tmy/testad.dat 13433 op tmp/tested_stat.dat .,/l2voidedata/allpole/test_dxiCO_0ytml_0.9.dat R,n,s FN, ERR u ntxi:10 k:36 mbas:2:300:1,6:1 dir:../lZvoicedats/allpole sd:1:8 N:30 u ntxi:10 k:36 mbas:2:300:1,0000 0.0000 0.3000 4.28571e-04 700 1 8 #rp:Tuj.Fp,FN,EF 13389 #参考#result in '../LZvoicedata/allpole/oob4sd:1:8N30mbas2:300:1,6:1.y'. cp tmp/testsd_stat.dat ../12voicedata/allpole/test_s_ricl_lytml_0.9.dat #10 0.0178423 0.0450369 #t uncertainty_p(k2) <-- Reject!</pre> ytm:1:0.9:1000 ytm:1:0.9:1000 0.0446509 #t uncertainty_p(k2) <-- Accept! Accept 3.2-2 数字列照合:非指定話者+指定数字列をテスト 新手法 新手法 | |-| 3.2-3 数字列照合:指定話者+非指定数字列をテスト #10 0.9783 0.0872684 #t uncertainty_p(k2) #10 0.984677 13398 13400 13401 13401 13402 13403 13404 13424 13425 13426 13428 13429 13430 13431 13394 13395 13396 13397

```
13452 3.2-5 数字列照合:指定語者+90%非指定数字列をテスト 新手法 ytm:1:0,9:1000
1343 speakerdsdigtr.y fd:../Tyokicedariallpol/cob4d:-1876bbas2:301.16:1,y mSDL:7:10:10 pmin:0.01 pART:.5
5:0.25:4 ytm:1:0,9:1000 PMr:.0; void:0 gibbs:1 befail add:0:0:11:3:3:45:6778:9 If:1 sdf:0:0:1:2:3:45:6778
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   13448 speakerdigit_v fd:./12voloedata/allpole/oob4d:-IN50mbas2:300:1.6:1.y nSDL:7:10:10 pmin:0.01 pART:.5 5:0.25:4 ytm:1:0.9:1000 FNr:0.9 void:0 gibbs:1 beta:1 sdP:0:0:1:2:3:4:5:6:7:8 9 1T:1 sdT:0:0:1:2:3:4:5:6:7:8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               13489 3.4-2 話者数字列照合:非指定話者+指定数字列をテスト 新手法 ytm:1:0.9:1000
13400 geakerdidity / fsd: ...12volcdeta/allpole/oob/edc:17800mbasis 3001.6:17, 78DL:7.10:10 pmin:0.01 pART:
55:0.25:4 ytm:1:0.9:1.000 pwr:0.9 voidid:0 gibsori beest 1 sdP:0:0:1123:345:6:7789 IT:1 sdT:0:0:123:345:6:77
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 13494 3.4-3 話者数字列照合:指定話者+非指定数字列をテスト 新手法 ytm:1:0.9:1000
1345 speakerdágit-v fed:../Lyoolcededata/allpole/cob4ed:-H700maag373011.6:1, NSDL:7:10:10 pmin:0.01 pART:
55:0.25:4 ytm:1:0.9:1000 phr:0.9 void:0 glbbsl: Deta:1 aGP:0:0:0:112:3:44:5:6778:9 JT:1 adT:0:0:1123:34:5:677
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  13499 3.4-4 話者数字列照合:非指定話者+非指定数字列をテスト 新手法 ytm:110.9:1000
13500 speakerdigtt_V fsd:../12voicedata/allpole/oob4sd:-IN50mbas2:300:1.6:1.y nSDL:7:10:10 pmin:0.01 pART:
55:0.25:4 ytm:1:0.9:1000 pNr:0.9 void:0 gibbs:1 beta:1 sdp:0:0:1:2:3:4:5:6:7:8:9 lT:1 sdT:0:0:1:2:3:4:5:6:7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   13504 3.4-5 話者数字列照合:指定話者+90%非指定数字列をテスト 新手法 ytm:1:0.9:1000
13505 speakerdigit_v fedi.../Lyovicedectalalipole/coob4ed:-1N50mbas2:3001..6:1.y nSDL:7:10:10 pmin:0.01 pART:
155:0.25:4 ytm:1:0.9:1000 pmr:0.9 void:0 gibbs:1 beta:1 adP:0:11:2:3:44:5:6:77:8:9 lT:1 sdT:0:0:1:1:2:3:44:5:6:7
8:9 ver:2 test:4:1000:0:0.9 ; grep selected tmp/tested.dat
13506 cp tmp/tested_atat_dat ../lYovicedata/allpole/test_ad_xicO_0.9ytml_0.9.dat
sdT:0:0:1:2:3:4:5:6:7:8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         #10 0.985792 0.0307949 #t  uncertainty_p(k2) <-- Accept!
#selected n0 <PP>0.00135046+-0.00401117 <PN>0.254545+-0.260958 TotalUncertainty0.065355(k2)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      3.3-2 考察

1.3-2 考察

重ならない。受理のしきい値はpa=0.4、乗却のしきい値pR=0.2程度とすれば良い。

2.数字隔合では第3ステップから、受理すべき事後確率と乗却すべき事後確率の95%誤差範囲が重ならない。受理のしきい値tpa=0.63、乗却のしきい値pR=0.46程度とすれば良い。

ならない。受理のしきい値tpa=0.63、乗却のしきい値pR=0.46程度とすれば良い。

なっない。受理のしきい値tpa=0.63、乗却のしきい値pR=0.46程度とすれば良い。

なると期待できるので最後の対に0.0.99の例はその場合を示す。 配者照合では受理となるが、数字

配合で乗却になるので、結果として乗却とする。 判定数字数は3以上であれば良い。実用的でもある。
void:0 gibbs:1 beta:1 sdP:0:0:1:2:3:4:5:6:7:8:9 lT:1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 plot "test_d_riC0_0ytm1_0.9.dat" using 1:2 w l, "" using 1:2:3 w errorbars,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   errorbars,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              cp tmp/testsd_stat.dat ...712voicedata/allpole/test_d_riCO_0.9ytml_0.9.dat
#10 0.0426942 0.132212 #t  uncertainty_p(k2) <-- Reject!</pre>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               plot "test_s_riCO_Oytml_0.9.dat" using 1:2 w l, "" using 1:2:3 w errorbar.
"test_s_riCl_Oytml_0.9.dat" using 1:2 w l, "" using 1:2:3 w errorbars, \
"test_s_riCl_Oytml_0.9.dat" using 1:2 w l, "" using 1:2:3 w errorbars, \
"test_s_riCl_Jyml_0.9.dat" using 1:2 w l, "" using 1:2:3 w errorbars, \
"test_s_riCl_Jyml_0.9.dat" using 1:2 w l, "" using 1:2:3 w errorbars, \
"test_s_riCO_0.9ytml_0.9.dat" using 1:2 w l, "" using 1:2:3 w errorbars
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                :8:9 ver:-2 test:4:1000:0:1; grep selected tmp/testsd.dat
13496 op tump/tested stat.dat ../l2voicedata/allple/test_sd_ricO_lytml_0.9.dat
13497 #10 0.0475519 0.066702 #t cp> uncertainty_p(k2) --- Reject!
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   18:19 ver:-2 test:4:1000:1:0; grep selected tmp/testad.dst repytested.dst repytested.dst repytested.dst v.72voicedata/allbole/test_sd_ricl_0ytml_0.9.dst 13492 #10 0.0481863 0.076526 #t p. uncertainty_p(R2) <-- Reject!</pre>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ../12voicedata/allpole/test_sd_riC1_1ytm1_0.9.dat
                                                                                                                                                                                     3.2-4 数字列照合:非指定話者+非指定数字列をテスト 新手法 vtm:1:0,9:1000
                                                                                                                                                                                                                                                                                                                                                 ./12voicedata/allpole/test_d_riC1_lytm1_0.9.dat
                                                                               ./12voicedata/allpole/test_d_riC0_1ytm1_0.9.dat
                                       ver:-2 test:4:1000:0:1; grep selected tmp/testsd.dat.
444 cp tmp/testsd.gtat.dat../12voicedata/allpole/test_d_riCO_lyt
445 #10 0.0112802 0.00916423 #t cp> uncertainty_p(k2) <-- Rejectly
                                                                                                                                                                                                                                                                                                         99 ver:-2 test:4:1000:1:1; grep selected tmp/testsd.dat
13449 op tmp/tested stat.dat. //12voicedata/allpole/test_d_riCl_Jyt
13450 #10 0.014412 0.0095936 #t cp> uncertainty_D(k2) <-- Reject
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             13501 cp tmp/testsd_stat.dat .._\I2voicedata/allpole/test_sd_riCl_l:
13502 #10 0.0457095 0.0539679 #t  uncertainty_p(k2) <-- Reject!
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          :-2 test:4:1000:0:0.9 ; grep selected tmp/testsd.dat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; grep selected tmp/testsd.dat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        3.3 結果の視覚化と考察
3.3-1 視覚化
cd ../12voicedata/allpole/
5:0.25:4 ytm:1:0.9:1000 PNr:0.9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  3.5 結果の視覚化と考察
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              8:9 ver:-2 test:4:1000:1:1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    gnuplot
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         13487
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                13488
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```

readmecan2mspeech.txt Jun 19 2021 08:15:37

3.5-1 視覚

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13546 3.6 Bayes法之の比較
13547 3.6-1 監者勞爭與一部 合指定語者十指定数字列をテスト 新手法 ytm:1:0.9:1000
13548 speakerdigit_v fad:../12voicedata/allpole/oob4ad:-INSGmbas2:300:1.6:1.y nSDL:7:10:10 pmin:0.01 pART:
55:0.25:4 ytm:1:0.9:1000 PMr:0.9 void:0 glbbs:0 beta:1 sdP:0:0:1:2:3:4:5:6:7:8:9 lT:1 sdT:0:0:1:2:3:4:5:6:7
:8:9 ver:-2 test:4:1000:0:0:0 yep selected tmp/testad.at
13549 or tmp/tested_stat.dat ../12voicedata/allpole/test_ad_xit_ric0_0ytm1_0.9_bayes.dat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          13552 3.6-2 話者数字列照合:指定話者+908非指定数字列をテスト 新手法 ytm:1:0.9:1000
13553 speakerdigit_v fsd:../12voicedata/allpole/oob4sd:-1N50mbas2:300:1.6:1.y nSDL:7:10:10 pmin:0.01 pART:
2550.254 ytm:1:0.9:1000 pur:0.9 yiong oglabs:0 beta:1 sdP:0:011:2:3:4:5:6:7:8:9 lT:1 sdT:0:0:1:2:3:4:5:6:7:8:9 trm:1.2:3:4:10:0:0:0:9; yrep selected tmp/testsd.dat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ところほこ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   (1) Speakerdigit_v.cのしきい値_ythの選択法を新しくした。
オブジョン ytm: «method>:cytha>:cnyth>
<method>=0 後来のようにアの正例の下均ymeanp[m]と負例の平均ymeanN[m]の PNr で内分する点をyth
<method>=1, cytha>>0: -ythaからythaまでをcnyth>等分してythの値とし、p_[FN}とp_{FP}の射
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   (1.1) (1.1) は指定語者と指定数字列の場合 (rico_0) のみ受理され、受理と葉却は第2数字目からしきい値で分付ることができることを示す。
(2.2) (3.1)と(4)はそれですってを示す。
第1数字からしきい値による受理と葉却が可能であるが、デキスト独立は第2数字から可能となる。
(3.1) (4.4) (4.4) とのでは、 4.2) を理と葉却が可能であるが、デキスト独立は第2数字から可能となる。
(3.1) 音数学でANN2を使う場合、と語名CNN2と数字でANN2を使う場合との比較は、
・前者は学習に降雨がかかるが、後名CNN2と数字でANN2を使う場合との比較は、
・前者は学習に降雨がかかるが、後名CNN2と数字でANN2を使う場合との比較は、
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           結果を示している。しかし、上のNEWの方法の結果の方が良かったので以下では検討しない。
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              本バージョンでは、p_{FP}とp_{FW}の分散は、FPとFWの各データに対する分散として求めた
NEW: v_{FP}=(\sum_m ( p^{m}_{m})_{FP} - <p^{m}_{m}_{m} > (p^{m}_{m}_{m})_{FP} ) / sum_m n^{m}_{m}_{m} = (m)_{FP} / sum_{m}_{m} = 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         6
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下の #OLD#2013/02/07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         100
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test_sd_rico() 0.9vrm.d.0.9 bayes.dat" using 1:2 w 1, "" using 1:2:3 w errorbars
(1)Bayes法では棄却域がかなり大きく、受理機と棄却級と数学数の増加とともに愛動す。
(2)Gibbsの愛想域と乗却域は数字数の増加とともに減少し、愛難、乗却はより圧縮になる。
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    tmp/testsd_stat.dat ..12voicedata/allpole/test_sd_riC0_0.9ytml_0.9_bayes.dat
0.133885 0.567313 #t cp> uncertainty_p(k2) <-- Reject!</pre>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             plot "test_sd_riCO_0ytml_0.9.dat" using 1:2 w l, "" using 1:2:3 w errorbars,
"rest_sd_ridl_0ytml_0.9.dat" using 1:2 w l, "" using 1:2:3 w errorbars, \
"rest_sd_ricO_1ytml_0.9.dat" using 1:2 w l, "" using 1:2:3 w errorbars, \
"test_sd_riCO_1ytml_0.9.dat" using 1:2 w l, "" using 1:2:3 w errorbars, \
"est_sd_ridl_1ytml_0.9.dat" using 1:2 w l, "" using 1:2:3 w errorbars
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         plot "test_s_ricO_0ytml_0.9.dat" using 1:2 w l, "" using 1:2:3 w errorbars, "test_s_ricl_0ytml_0.9.dat" using 1:2 w l, "" using 1:2:3 w errorbars \ "test_s_ricO_1ytml_0.9.dat" using 1:2 w l, "" using 1:2:3 w errorbars \ "test_s_ricO_1ytml_0.9.dat" using 1:2 w l, "" using 1:2:3 w errorbars \ "test_s_ricL_1ytml_0.9.dat" using 1:2 w l, "" using 1:2:3 w errorbars
                                                                                                                                                                                                                                                                                                                                                                                              "" using 1:2:3 w errorbars,
                                                                                                                          plot "test_sd_ric0_0ytml_0.9.dat" using 1:2 w l, "" using 1:2:3 w errorba "rest_sd_ric0_10ytml_0.9.dat" using 1:2 w l, "" using 1:2:3 w errorbars, "test_sd_ric0_1ytml_0.9.dat" using 1:2 w l, "" using 1:2:3 w errorbars, '"test_sd_ric0_1ytml_0.9.dat" using 1:2 w l, "" using 1:2:3 w errorbars, 'test_sd_ric0_1ytml_0.9.dat" using 1:2 w l, "" using 1:2:3 w errorbars, 'test_sd_ric0_0.9ytml_0.9.dat" using 1:2 w l, "" using 1:2:3 w errorbars
                                                                                                                                                                                                                                                                                                                                                                                    plot "test_s_ricO_0ytml_0.9.dat" using 1:2 w 1, "" using 1:2:3 w errorbs
"test_s_ricI_0ytml_0.9 dat" using 1:2 w 1, "" using 1:2:3 w errorbars, \
"test_s_ricO_1ytml_0.9 dat" using 1:2 w 1, "" using 1:2:3 w errorbars, \
"test_s_ricI_1ytml_0.9 dat" using 1:2 w 1, "" using 1:2:3 w errorbars, \
"test_s_ricO_0.9ytml_0.9 dat" using 1:2 w 1, "" using 1:2:3 w errorbars, \
"test_s_ricO_0.9ytml_0.9.dat" using 1:2 w 1, "" using 1:2:3 w errorbars, \
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (1)実際にしきい値を設定したときの受理と棄却の確率を求めること(3)未登録話者が入力するとどうなるか
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 cp tmp/testsd_stat.dat ../12voicedata/allpole/test_sd_riC0
10 0.986879 0.0491611 #t uncertainty_p(k2) <-- Accept!</pre>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 cd ../l2voicedata/allpole/
../12voicedata/allpole/
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本バージョンでは
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18635 plot "testsd_stat_s_ricO_Oytml_0.9.dat" using 1:2 w 1, "" using 1:2:3 w errorbars, "tested_stat_s_ri_Coytml_0.9.dat" using 1:2:3 w errorbars, "tested_stat_s_ricO_1ytml_0.9.dat" using 1:2 w 1." using 1:2:3 w errorbars, "tested_stat_s_ricO_1ytml_0.9.dat" using 1:2 w 1. "" using 1:2:3 w errorbars 11636 plot "tested_stat_s_ricO_1ytml_0.9.dat" using 1:2:3 w errorbars 11636 plot "tested_stat_s_ricO_1ytml_0.dat" using 1:2:3 w errorbars, "tested_stat_s_ricO_1ytml_dat" using 1:2:3 w errorbars, "tested_stat_s_ricO_1ytml_dat" using 1:2:3 w errorbars, "tested_stat_s_ricO_1ytml_dat" using 1:2:3 w errorbars 1:3:3 w errorbars, "tested_stat_s_ricO_1ytml_dat" using 1:2:3 w errorbars 1:3:3 w errorb
                             13588 (2)収出例 (20世間) (2)1000 の方が良いように見える? 13580 (2-1) 話者願合 (2)1000 の方が良いように見える? 13590 (2-1) 話者願合 (2-1) 話者願合 (2-1) 話者願合 (2-1) 話者願合 (2-1) 話者願合 (2-1) 記者 [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2-1) [2]2 (2
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13603 speakerdigit_v fs:.,/l2vvicedata/allpole/oob/sN50mbas2:100:0,7:1,y nSDE:77:10:10 pmin:0.01 pART::55:0
25:4 ytm:1:0.9:1000 pw:0.9 void:0 gibbs:1 beta.1 sqb:0:0:12:3:4:5:6:7:8:9 Ir:1 sdr:0:0:1:2:3:4:5:6:7:8:9
ver:-2 test:4:1000:0:1; yrep selected tmp/testsd.dat #Incorrect speaker and digit
13604 op tmp/testsd_stat.dat ../l2voicedata/allpole/testsd_stat_s_ricO_lytml_0.9.dat
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.25:4 ytm:1:0.9:1000 PNr:0.9 void:0 gibbs:1 beta:1 adp:0:0:12:3:4:5:6:7:8:9 lT:1 adT:0:0:1:2:3:4:5:6:7:8:9
ver:-2 test:4:1000:1:1 ; grep selected tmp/testsd.dat #incorrect speaker and digit
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.25:4 ytm:0 PNr:0.9 void:0 gibbs:1 beta:1 sdP:0:0:1:2:3:4:5:6:7:8:9 lT:1 sdT:0:0:1:2:3:4:5:6:7:8:9 ver:-2 te
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13618 speakerdigit_y fs:.,/12voicedstafallpol-(oobs8N360mbas2:100:0.7:1.y nsDL:7:10:10 pmin:0.01 pART:.55:0
.25:4 ytm:0 PNr:0.9 void:0 gibbs:1 beta:1 sdP:0:011:2:3:45:65:7:8:9 lT:1 sdT:0:0:1:2:3:45:6:7:8:9 ver:-2 te
st:4:1000:1:0; j grep selected tmp/festsd.dat #Incorrect speaker and digit
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.25:4 ytun:0 PMr:0.9 void:0 gibbs:1 beta:1 sqP:0:0:1:2:3:4:5:6:7:8:9 lT:1 sqT:0:0:1:1:2:3:4:5:6:7:8:9 ver:-2 sg:4:1000:0:1 ; grep selected tmp/testGd.dt #incorrect speaker and digit
13634 cp tmp/tested stat.dat .../12voicedata/allpole/testSd_stat_sric0_lytm0.dat
13625 #10 0.902209 0.269468 #t cp> uncertainty_p(k2) <-- Accept
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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sdT:0:0:1:2:3:4:5:6:7:8:9 ver:-2 st:4:1000:1:1 ; grep selected tmp/testsd.dat #incorrect speaker and digit
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               #selected n0 <FP>0.00909144+-0.00554657 <FN>0.358986+-0.0966179 TotalUncertainty0.0320328(k2)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        cp tmp/testsd_stat.dat ../12voioedata/allpole/testsd_stat_s_riCl_0ytml_0.9.dat
#10 0.0897657 0.153849 #t cp> uncertainty_p(k2) <-- Reject! test:4:1000:1:0</pre>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ../12voicedata/allpole/testsd_stat_s_riC1_1ytm1_0.9.dat
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13614 op tmp/testsd.gtat.dat ../12voicedstarlallpole/testsd_stat_sriCo_0ytm0.dat
13615 #10 0.915434 0.24228 ft xp uncertainty_D(k2) <-- Accept! test:4:10000:0:0
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a little better than (2-1-2)
13621</pre>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      cp tmp/testsd_stat.dat ../12voicedata/allpole/testsd_stat_s_riC1_lytm0.dat
10 0.0692312 0.125634 #t  uncertainty_p(k2) <-- Reject!</pre>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              (2-1-4**) 話者照合:非指定監者+非指定数字列をテスト 従来法 ytm:0 PNx:0.9
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10 0.887656 0.275646 #t  vncertainty_p(k2) <-- Accept!</pre>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              cp tmp/testsd_stat.dat ../12voicedata/allpole/testsd_stat_
10 0.0885816 0.14136 #t  uncertainty_p(k2) <-- Reject!</pre>
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(2)使用例
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13595 #sel
1:0.9:1000
13596
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uncertainty

part:.55:0

uncertainty

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13692 (2-3) 数字列照合 13693 (2-3-1) 数字列照合:指定語者+指定数字列をテスト 新手法 ytm:1:0.9:1000 13694 speakerdigit_v fd:../l2voicedata/allpole/oob4dN50mbas2:100:0.7:1.y nSDL:7:10:10 pmin:0.01 pART:.55:0 22.54 ytm:1:0.9.1000 Phr:0.9 void:0 glbbs:1 beta:1 adp:10:011.23:34:5:6778:9 IT:1 sdT:0:0:11:2:33:4:5:6778:9 ver:2 test:4:1000:0:0; grep selected tmp/testsd dat #correct speaker and digit ver:2 test:4:1000:0:0; Jroylocedata/allnala-reseaker and digit versea state verseaker and versea 13648 speakerdigit_v fsd:../12voicedata/allpole/oob4sdN50mbas2:100:0.7:1.y nSDL:7:10:10 pmin:0.01 pART:.55 .0.554 yfuri.10:9:1000 pmr:0.9 void:0 gibbs:1 beta:1 sdP:00:11:23:45:67:89 pr:-2 test:4:1000:1:0? grep selected tmp/tested.at #incorrect speaker and correct digit 13649 cp tmp/tested_stat_dat ../12voicedata/allpole/tested_stat_ad_xicloytml_0.9.dat 13653 speakerdigit_v fsd:../12voicedata/allpole/oob4sdN50mbas2:100:0.7:1.y nSDL:7:10:10 pmin:0.01 pART:.55 c.25:4 ymin:10.9:1000 pmr:0.9 void:0 gibbs:1 beta:1 sdP:00:11:23:34:5:67:89:9 lT:1 sdT:00:11:23:34:5:67:78:9 ver:-2 test:4:1000:0:1.7 grep selected tmp/tested.ath. #incorrect speaker and incorrect digit 13654 op tmp/testsd_stat.dat ../12voicedata/allpole/testsd_stat_sd_ricO_lytml_0.9.dat 13658 speakerdigit_v fsd:../12voicedata/allpole/oob4sdNSOmbas2:100:0.711.y nSDL:7:10:10 pmin:0.01 paRT:.55 .0.554 yfunt:0.9:1000 pmr:0.9 void:0 glbbs:1 becai sdP:00:112:3:45:67:78:9 ltl: sdT:00:1100 pmr:0.9 void:0 glbbs:1 becai sdP:00:112:3:45:67:78:9 vor:-2 test:4:1000:11:1 grep selected tmg/fested.dat #lincorrect speaker and incorrect digit 13:659 or tmp/tested_stat.dat ../12voicedata/allpole/tested_stat_ad_stat_adat ../12voicedata/allpole/tested_stat_ad_ric1_lytml_0.9.dat 13667 (2-2-4)話者数字列照合:非指定話者+指定数字列をラスト 従来法 ytm:0 PNr:0.9 1366 speakerdigit_v. fedi.../17voicacletal_all_pole/obd/sdN50insas2:1000.77i1, pr2DL:7:10:10 pmin:0.01 pART:.55 10.25:4 ytm:0 PNr:0.9 void:0 gibbs:1 beta:1 sdP:0:0:12:3:44:5:67:8:9 lT:1 sdT:0:0:1:2:3:44:5:67:8:9 lT:1 sdT:0:0:1:2:3:44:5:67:8:9 lT:1 sdT:0:0:1:0: grep selected tmp/testsd.dat #incorrect speaker and correct digit 1.1569 per lemp/testsd.dat #incorrect speaker and correct digit 1.1569 per lemp/testsd.dat 1.7120:0:data_stat_dat 13642 speakerdigit_v fsd:../12voicedata/allpole/oob4sdN50mbas2:100:0.7:1.y nSDL:7:10:10 pmin:0.01 pART:.55 :0.25:4 yrm:1:0.9:1000 PMr:0.9 void:0 gibbs:1 beta:1 sdP:0:0:1:2:3:4:5:6:7:8:9 lT:1 sdT:0:0:1:2:3:4:5:6:7:8: 13663 speakerdigit_v fsd:./12voicedata/allpole/oob4sdN50mbas2:100:0.7:1.y nSDL:7:10:10 pmin:0.01 pART:.55 .0.254 ytm.0 pwin:0 pwin:0.0 yold:0 gabbs:l beta1 sdp:0:0:1:2:3:45:6:7:89 pri: sdr:0:0:1:2:3:45:6:7:89 ver:-2 test.4:1000:0:0; grep selected tmp/testsd.dat #correct speaker and correct digit 13672 (2-2-4')話者数字列照合:指定話者+非指定数字列をテスト 従来法 ytm:0 PNr:0.9 13673 speakerd414.7 f2d: "A.7Avotcedetala.1alipote.hoobsfaths2a2:100.771.y m5DL7:110:10 pmin:0.01 pART: 55:0.25:4 ytm:0 PNr:0.9 void(10 glbbs:1 beta:1 sdP:0;0:13:3445:6778:9 tri:2 13678 speakerdigit_v fsd:../12voicedata/allpole/oob4sdN50mbas2:100:0.71.y nSDL:7:10:10 pmin:0.01 pART:.55 :0.25:4 ytm:0 PNr:0.9 void:0 glbbs:1 beta:1 sdP:0:0:1:2:3:4:5:6:7:8:9 lT:1 sdT:0:0:1:2:3:4:5:6:7:8:9 ver:-2 13665 plot "testsd_stat_sd_ri00_0ytml_0.9.dat" using 1:2 w l, "" using 1:2:3 w errorbars, "testsd_stat_sd_ riCl_0ytml_0.9.dat" using 1:2 w l, "" using 1:2:3 w errorbars, "testsd_stat_sd_riC0_lytml_0.9.dat" using 1:2 "" using 1:2:3 w errorb 13686 plot "tested_stat_sd_xiCO_0ytm0.dat" using 1:2 w l, "" using 1:2:3 w errorbars, "tested_stat_sd_xiCl_ycytm.dat" using 1:2 w l, "" using 1:3 w errorbars, "tested_etat_sd_xiCl_ytm0.dat" using 1:2 w l, "" using 1:2 s w errorbars 新手法では第2数字目から、正解と不正解の95%誤差範囲が重 ver:-2 test:4:1000:0:0; grep selected tmp/testsd.dat #correct speaker and correct digit
13643 or tmp/testsd.stat.dat...12vo.locdstaf.altpole/testsd.stat.gat.rf0_0ytml_0.9.dat
13644 #10 0.949231 0.136441 #t <-> uncertainty v(k2) <-- Accept.</pre> (3-2-2-7:')話者数字列照合:非指定話者+非指定数字列をテスト 新手法 ytm:1:0.9:1000 (3-2-4・・)話者数字列照合:非指定監者+非指定数字列をテスト 従来法 ytm:0 bNz:0.9 nl_0.9.dat" using 1:2 w 1, "" using 1:2:3 w errorbars, "testsd_stat_sd_riC0_1 using 1:2:3 w errorbars, "testsd_stat_sd_riC1_lytml_0.9.dat" using 1:2 w 1, (2-2-2·) 話者数字列照合: 非指定話者+指定数字列をテスト 新手法 ytm:1:0.9:1000 test:4:1000:0:1; grep selected tmp/testsd.dat #incorrect speaker and correct digit (2-2-2)話者数字列照合:非指定話者+指定数字列をテスト 新手法 ytm:1:0.9:1000 test:4:1000:1:1; grep selected tmp/testsd.dat #incorrect speaker and correct digit ../12voicedata/allpole/testsd_stat_sd_riCO_lytm0.dat cp tmp/testsd_stat.dat ../12voicedata/allpole/testsd_stat_sd_riCl_lytm0.dat
10 0.17378 0.0856736 #t uncertainty_p(k2) <-- Reject!</pre> ytm:1:0.9:1000 (2-2-3)話者数字列照合:指定話者+指定数字列をテスト 従来法 ytm:0 PNr:0.9 (2-2-1)話者数字列照合:指定話者+指定数字列をテスト 新手法 #10 0.155071 0.128962 #t uncertainty_p(k2) <-- Reject! #10 0.150754 0.105353 #t uncertainty_p(k2) <-- Reject! #10 0.924686 0.190069 #t uncertainty_p(k2) <-- Accept! cp tmp/testsd_stat.dat ../12voicedata/allpole/testsd_stat_
10 0.151963 0.116225 #t uncertainty_p(k2) <-- Reject!</pre> #10 0.185655 0.15029 #t uncertainty_p(k2) <-- Reject! #見た目にはそれほど差は無いようにも見えるが、 (2-2-5) 結果を視覚的にチェック ../12voicedata/allpole/ cp tmp/testsd_stat.dat orse than (2-2-1) orse than (2-2-2) gnuplot 13665 13660 13666 13652 13655 13662 13677 13682 13683 13687 13688 13657 13661 13671 13680 13681 13651

13710 speakerdigit_v fd:../12voicedata/allpole/oob4dN50mbas2:100:0.7:1.y nsDL:7:10:10 pmin:0.01 pART:.55:0
.25:4 yrm:10.9.1000 PMr:0.9 void:0 gibbs:1 beta:1 sdP:0:0:11:2:3:4:5:6:7:8:9 lTr:1 sdT:0:0:11:2:3:4:5:6:7:8:9
.25:4 yrm:10.9.1000 PMr:0.9 void:0 gibbs:1 beta:1 sdP:0:0:11:2:3:4:5:6:7:8:9
.25:4 yrm:10.9.100 PMr:0.9 void:0 gibbs:1 beta:1 sdP:0:0:11:2:3:4:5:6:7:8:9
.25:4 yrm:10.0:11:2 igrep selected trup/testsdidt #incorrect speaker and digit
.27:11 cp tmp/testsd_stat.dat .../2voicedata/allpole/testsd_stat_d_ricl_lytml_0.9.dat
.27:11 cp tmp/testsd_stat.dat .../2voicedata/allpole/testsd_stat_d_ricl_lytml_0.9.dat pART:.55:0 13714 (2-3-4) 数字列照合:指定話者+指定数字列をテスト 従来法 ytm:0 PNr:0.9 13715 speakerdigit_v fd:../12voicedata/allpole/oob4dN50mbas2:100:0.7:1.y nSDL:7:10:10 pmin:0.01 pART:.55 25:4 ytm:0 PNr:0.9 void:0 gibbs:1 beta:1 sglv:0:0:12:3:45:6:7:89:9 IT:1 sdT:0:0:1:2:3:45:5:6:7:8:9 ver:-2 ts:4:1000:0:0; grep selected tmp/testsd.dat #correct speaker and digit 13716 op tmp/testsd_stat.dat ../12voicedata/allpole/testsd_stat_dricO_0ytm0.dat #10 0.944957 0.194881 #t toncertainty_p(k2) <-- Accept!#selected_n349 <p>reps0.0349206+-1.38778e-17 <FN>0.119218+-0.0651669 TotalUncertainty0.0377743(k2) (2-3-3) 数字列照合:非指定話者+非指定数字列をテスト 新手法 ytm:1:0.9:1000 (2-3-2) 数字列照合:指定話者+非指定数字列をテスト 新手法 ytm:1:0.9:1000

00:0:1; grep selected tmp/testsd.dat #correct speaker and digit
opt mp/testsd.stat.dat../l2voicedata/allpole/testsd_stat_dit_0_lytm0.dat
#10 0.0574392 0.074655 #t cp. uncertainty_p(k2) <--- Reject! uncertainty worse than (2-3-2)</pre>

cp tmp/testsd_stat.dat ../12voioedata/allpole/testsd_stat_
#10 0.937052 0.203156 #t mcertainty_p(k2) <-- Accept!

op tmp/testsd_stat.dat _./12voicedata/allpole/testsd_stat_ 10 0.934863 0.204551 #t moertainty p(k2) <-- Accept!

pART:.55:0 13729 (2-3-5) 数字列照合:非指位配者+非指定数字列をテスト 従来法 ytm:0 PNr:0.9 paper): 55:13739 pseakerdigit_v fdi./12votaceta(all)pole/obb46NSO(0.77:1,y nSDL:7:10:10 pmin:0.01 paRT:.55:13:43 ytm:0 PNr:0.9 void:0 gibbs:1 beta:1 sdp:0:0:13:3:44:5:67:8:9 IT:1 adT:0:0:1:23:44:5:67:8:9 ver:-2 tst:41:100:1:1;) grep selected tmp/testsd,dat #correct speaker and digit 100:1:1;) grep selected tmp/testsd,dat #correct speaker and digit 13731 cp ps/testsd_stat.dat ./12voleedata/Allpole/restsd_stat.dat in./12voleedata/Allpole/restsd_stat.dat in.0 0.0545729 0.0706459 #t cp uncertainty worse than (2-3-3)

../12voicedata/allpole/ gnuplot 13733 13735 13736

13737 plot "testsd_stat_d_riCO_Oytml_0.9.dat" using 1:2 w 1, "" using 1:2:3 w errorbars, "testsd_stat_d_ri_Cri_Oytml_0.9.dat" using 1:2:3 w errorbars, "testsd_stat_d_riCl_Oytml_0.9.dat" using 1:2 w 1. " using 1:2:3 w errorbars, "testsd_stat_d_riCl_Oytml_0.9.dat" using 1:2:3 w errorbars, "testsd_stat_d_riCl_Jytml_0.9.dat" using 1:2:3 w errorbars 13.3 w errorbars, "testsd_stat_d_riCl_Oytml_0.9.dat" using 1:2:3 w errorbars, "testsd_stat_d_riCl_Oytml_dat" using 1:2:3 w errorbars 1:3:3 w errorbars, "testsd_stat_d_riCl_Oytml_dat" using 1:2:3 w errorbars 1:3:3 w e

(2-4) 数字列照合:指定話者+x8非指定数字列をテスト 新手法 λτm:1:0.9:1000(2-4-0) 学習を行う 13743

13745 oob4speakerdigit+ sp:fhs:fms:mkk:mko:mmt:mnh:mym tx:zero:ichi:ni:san:yon:go:roku:nana:hachi:kyu ntxi 10 k:36 mbas:2:300:1.0:1 dir:../12voicedata/allpole d:-1 N:50 13749 13750 13751 13752 13753 13754 13755 13756 13756

13817 #Trial# void:0 gibbs:1 beta:1 sdp:0:0:1:2:3:4:5:6:7:8:9 | Tr:1 sdT:0:0:1:2:3:4:5:6:7:8:9 ver:-2 test:4 :1000:0:0.4; grep selected tmp/testsd.dat #incorrect speaker and digit

#Trial# void:0 gibbs:1 beta:1 sdP:0:0:11:2:3:4:5:6:7:8:9 lT:1 sdT:0:0:1:2:3:4:5:6:7:8:9 0.3: grep selected tmp/testsd.dat #incorrect speaker and digit

#Trial# #Trial# #Trial# #Trial#

1000:0:0.

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13765 (2-4-2)数字列照合:指定話者+90%非指定数字列をテスト 新手法 ytm:1:0.9:1000 ランダムに発すると9/mD=0 -9=90%間違う 13760 speakerdigit_v fd:./12voicedata/allpole/oob4d:-1N50mbas2:300:0.7:1.y nSDL:7:10:10 pmin:0.01 pART:.55:0.25:4 ytm:1:0.9:1000 PNr:0.9 void:0 gibbs:1 beta:1 sdp:0:0:1:2:3:4:5:6:7:8 plot "testsd_stat_d_ric0_0ytml_0.9_new.dat" using 1:2 w 1, "" using 1:2:3 w errorbars, "testsd_stat_. .9ytml_0.9_new.dat" using 1:2 w 1, "" using 1:2:3 w errorbars, "testsd_stat_d_ric0_1ytml_0.9_new.dat 13782 #Trial#(2-4-3) 数字列照合:指定話者+20%非指定数字列をテスト 新手法 ytm:1:0.9:1000
13783 #Trial#speakerdigit_v fd:../12voicedata/allpole/cob4di-1N50mbas2:300:0.7:1,y nSDL:7:11:10 pmin:0.01
p1877:.555:0.254 ytmi:1.0.9.1000 PNx::0,9 void:0 glibbs:1 bets1 adp:0:0:17:2:3:4:5:6:7:8:9 Pxx::-2 test:4:1000:0:0.2; grep selected tmp/testsd # #Incorrect speaker and digit
13784 #Trial#op tmp/testsd_stat.dat ../12voicedata/allpole/testsd_stat_dir_0.2.new.dat 13787 #Trial#(2-4-4) 数字列照合:指定話者+50%排指定数字列をテスト 新手法 ytm:1:0.9:1000
13788 #Trial#speakerdight. # 46:../1700cleddtaAallpole/cobded-1N80bmasa21300.0.7.11, PDED1:7:10:10 pmin:0.0.1
pART: 55:0.25:4 ytm:1:0.9.1000 PNr:0.9 void:0 gibbs:1 beta:1 sdp:0:0:1:2:3:4:5:6:78:9 IT:1 sdf:0:0:1:2:3:4:5:6:78:9 Ver:-2 test:4:1000.0:0.5; grep selected tmp/testsd.dat #incorrect speaker and digit
13789 #Trial#op tmp/testsd_stat.dat../l2voicadta/allpole/testsd_stat_dxiCo_0.5ytml_0.9_new.dat
13790 #Trial#10 0.565011 0.4961 #t cpp uncertainty_L6(K2) <-- Accept! 13792 #Trial#(2-4-5) 数字列照合:指定話者+50%非指定数字列をテスト 新手法 ytm:1:0.9:1000
13793 #Trial#speakerdight_V di.../12voicedtataAllpole/cob646-1NS0basa2:300.0.7:1.y PDED:7:10:10 pmin:0.01
pART: 55:0.25:4 ytm:1:0.9.1000 PNr:0.9 void:0 gibbs:1 beta:1 sdp:0:0:1:2:3:4:5:6:78:9 IT:1 sdf:0:0:15:3:4:5:6:78:9 ver:-2 test:4:1000:0.5; grep selected tmp/testsd.dat #Incorrect speaker and digit
13794 #Trial#cp tmp/testsd_stat.dat.//12voicedtata/allpole/testsd_stat_d_ricO_0:55ytm1_0:9_new.dat
13795 #Trial##10 0.501704 0.49024 #t cp uncertainty p(k2) #Trial# void:0 gibbs:1 beta:1 sdP:0:0:1:2:3:4:5:6:7:8:9 | T:1 sdT:0:0:1:2:3:4:5:6:7:8:9 ver:-2 test:4 0.2; grep selected tmp/testsd.dat #incorrect speaker and digit d_rico_0.9ytml_0.9_new.dat" using 1:2 w 1, "" using 1:2:3 w errorbars, "testsd_stat_d_rico_1ytml_0.9_new.dai " using 1:2 w 1, " using 1:2:3 w errorbars 13779 指定話者があらかじめ終音した数字列を用いる場合、指定数字列との違いの割合の期待値は90%であり、これを13780 実験したのが上の結果である。これはこのケースを除外できることを示す。 ver:-2 :9 ver:-2 test:4:1000:0:0; grep selected tmp/testsd.dat #incorrect speaker and digit 13761 cpt tmp/testsd_stat_dat...12.voicedata/all.pole/testsd_stat_d_ricO_0ytml_0.9 new.dat 13762 #10 0.953373 0.162134 #t cpt vincetainty_p(k) <-- Accept! 13762 #10 0.953373 0.162134 #t cpt vincetainty_p(k) 2.4-4.0.106666 TotalUncertainty_0.0358999(k2) 13763 #selected n0 <pre>rep.0.0049709+0.00680731 cpt 13801 #Trial# 13802 #Trial# 13803 #Trial# void:0 gibbs:1 beta:1 sdp:0:0:1:2:3:4:5:6:7:8:9 | Tr1 sdT:0:0:1:2:3:4:5:6:7:8:9 | Trial# void:0 gibbs:1 beta:1 sdp:0:0:0:1; grep selected tmp/testsd.dat #incorrect speaker and digit (3-4-1) 数字列照合:指定話者+0%非指定数字列をテスト 新手法 xtm:1:0.9:1000 #Trial#cp tmp/testsd_stat.dat ../12voicedata/allpole/testsd_stat_< #Trial##10 0.865368 0.296352 #t uncertainty_p(k2) <-- Accept! cp tmp/testsd_stat.dat ../l2voicedata/allpole/testsd_stat_
#10 0.108436 0.186707 #t uncertainty_p(k2) <-- Reject! (2-4-4) 結果を視覚的にチェック cd ../12voicedata/allpole/ gnuplot #Trial# #Trial# #Trial# #Trial# #Trial# #Trial# #Trial# 13808 #T1 13778 13790 13785 13786 13806 13768 13769 13781 13809

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0.014005(R2)
3902 #0.012010 1.34337e-14 #t cp> uncertainty_p(R2) <--test:4:1000:0:0
13903 #0.012#10 0.387102 1.34337e-14 #t cp> uncertainty_p(R2) <--test:4:1000:0:0
13904 #0.012#10 0.387102 1.34337e-14 #t cp> uncertainty_p(R2) <-- Reject! <--test:4:1000:1:0
13904 #0.012#10 0.387102 1.34337e-14 #t cp> uncertainty_p(R2) <-- Reject! <--test:4:1000:1:0
13905 #0.012#10 0.387102 1.34337e-14 #t cp> uncertainty_p(R2) <-- Reject! <-- test:4:1000:0:1:0
13905 #0.012#10 0.7:1:1 #t cp> uncertainty_p(R2) 13885 #OLD#ytm:1:0:5000 #selected n4062 <FP>0.135922+-0.019678 <FN>0.11+-0.0690915 TotalUncertainty0.05079
79(k2) <--ytm:1:0:1000と 数からない → 1000で財 類
13886 #DLD#10 0.95417 0.291632 #t <p> wncertainty_p(k2) <-- Accept! <--test:4:1000:0:0
13887 #DLD#10 0.0935893 0.125923 #t <p> wncertainty_p(k2) <-- Accept! <--test:4:1000:0:0
13887 #DLD#10 0.0935893 0.125923 #t <p> wncertainty_p(k2) <-- Reject! <--test:4:1000:1:0</p> #OLD##ytm:1:0.5 #selected n87 <FP>0.0825+-0.0352711 <FN>0.145+-0.0811162 TotalUncertainty0.0625455(k #OLD##ytm:1:0.95:1000 #selected n611 <FP>0.0805812+-0.00424036 <FN>0.118841+-0.239002 TotalUncertain #OLD##ytm:1:0.9:1000 #selected n555 <FF>0.0297609+-0.012156 <FN>0.143478+-0.281847 TotalUncertainty0 13941 #OLD##Dlot "testsd_stat_sd_ricO_Oytml_0.9.dat" using 1:2 w l, "" using 1:2:3 w errorbars, "testsd_stat_sd_ricO_Oytml_0.9-dat" using 1:2: w "" using 1:2:3 w errorbars
1.342 #OLD##Dlot "testsd_stat_sd_ricO_Oytml_0.dat" using 1:2 w l, "" using 1:2:3 w errorbars, "testsd_stat_sd_ricO_Oytml_0.dat" using 1:2 w l, "" using 1:2:3 w errorbars, "testsd_stat_sd_ricO_Oytml_0.dat" using 1:2:3 w errorbars <--ytm:1:0:100 13893 #OLD##ytm:1:0.95 #selected n89 <FP>0.182817+-0.0261076 <FN>0.0916674+-0.0552135 TotalUncertainty0.04 TotalUncertainty #selected n79 <FP>0.104188+-0.0194817 <FN>0.118841+-0.239002 TotalUncertainty0 <FN>0.143478+-0.281847 TotalUncertainty0.19949 #OLD##ytm:1:0 #selected n71 <FP>0.174928+-0.0372717 <FN>0.0956522+-0.19706 TotalUncertainty0.141813(#OLD##ytm:1:0.9 #selected n77 <FP>0.13205+-0.0243105 <FN>0.115+-0.0709317 TotalUncertainty0.0530203(#01D#10 0.91332 0.166299 #t uncertainty_p(k2) <-- Accept: <-- test:4:1000:0:0 ytm:1:0.95:5000 #0.DB#10 0.912645 0.166307 #t <p>vm:1:0.95:5000 <-- Accept! <-- test:4:1000:0:0 ytm:1:0.95:1000
<-- Accept! <-- test:4:1000:0:0 ytm:1:0.95:100</pre> #OLD#10 0.911992 0.166701 #t cp> uncertainty_p(k2) <-- Accept! <-- test:4:1000:0:0 ytm:1:0.95:500 #t blub. 0.90148 0.169299 #t cp> uncertainty_p(k2) <-- Accept!<-- test:4:1000:0:0 ytm:1:0.95:100 #t blub. 0.80148 0.29999 #t cp> uncertainty_p(k2) <-- Accept!<-- test:4:1000:0:0:0 ytm:1:0.95:100 #t. plub. 0.801499 #t cp> uncertainty_p(k2) <-- Reject! <-- test:4:1000:1:0;ytm:1:0:95:100 #01D#10 0.94755 0.139864 #t cp. uncertainty_p(R2)
c-- Accept! <-- test:4:1000:0:0 ytm:1:0.95:1000
#01D#10 0.949231 0.136441 #t <pre>cp. uncertainty_p(R2)
c-- Accept! <-- test:4:1000:0:0 ytm:1:0.911000
#01D#10 0.948331 0.141483 #t <pre>cp> uncertainty_p(R2)
c-- Accept! <-- test:4:1000:0:0 ytm:1:0.81100
#01D#10 0.948331 0.141483 #t <pre>cp> uncertainty_p(R2)
c-- Accept! <-- test:4:1000:0:0 ytm:1:0.1000</pre> #OLD##NG ytm:1:1 #selected n99 <FP>0.990033+-0.0199333 <FN>7.01634e-33+-1.40327e-32 <--test:4:1000:1:0 <-- Accept! <-- test:4:1000:0:0; <-- Reject! <-- test:4:1000:1:0;</pre> <-- test:4:1000:0:0;</pre><-- test:4:1000:1:0;</pre> #0LD#10 0.850963 0.290294 #t uncertainty_p(k2) <-- Accept! <--test:4:1000:0:0 #0LD#10 0.0966184 0.133168 #t <p>uncertainty_p(k2) <-- Reject! <--test:4:1000:1:0</p> #OLD#10 0.89648 0.275814 #t cp> uncertainty_D(k2) <-- Accept! <--test:4:1000:0:0
#OLD#10 0.0712347 0.126106 #t <p> uncertainty_D(k2) <-- Reject! <--test:4:1000:1:0</pre> <-- Accept! <--test:4:1000:0:0
<-- Reject! <--test:4:1000:1:0</pre> #OLD##ytm:1:0.95:1000 #selected n0 <FP>O+-0 <FN>O.118841+-0 TotalUncertaintyO(K2) uncertainty_p(k2) <-- Reject!</pre> #OLD#10 0.870785 0.180705 #t cp> uncertainty_p(k2) <-- Accept!
#OLD#10 0.22628 0.244544 #t <p> uncertainty_p(k2) <-- Reject!
#OLD#64 0.71202edata/allpole/</pre> <-- Reject! #OLD##ytm:1:0.9 #selected n56 <FP>0.030029+-0.0126081 #OLD#10 0.837014 0.278789 #t uncertainty_p(k2) #OLD#10 0.110728 0.141891 #t uncertainty_p(k2) uncertainty_p(k2) uncertainty_p(k2) #OLD#10 0.940846 0.163309 #t uncertainty_p(k2) #OLD#10 0.113298 0.195809 #t uncertainty_p(k2) #0LD#10 0.11329 #t uncertainty_p(k2) #t uncertai uncertainty_p(k2)

```
13999 (3-7) 話者数字列照合(fsd): 指定話者+指定数字列をテストとして使う
1400 speakerdigit-V fsdi../12voicedata/allpole/oob4sdNSOmbas2:100.771.y nSDL:7:10:10 pmin:0.01 pART:.55
:0.25:4 ytm:1 PAR:0.9 void:0 glbbs:1 beta:1 sdPo:0:0:1:2:3:44:5:67:78:9 1T:1 sdT:0:0:1:2:3:44:5:6:77:8:9 ver:-2
test:4:1,000:0:0:0 #correct try of try 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               13968 (3-1) 話者照合(fs): 指定話者+指定数字列をテストとして使う
13969 speakerdigtLy fs:../12voicedata/allpole/oob/sN50mbas2:100:0.7:1.y nSDL:77:10:10 pmin:0.01 pART:.55:0
.25:4 ytmil Phyr:0.9 void:0 gibbs:1 betail adp:0:0:1:2:3:4:5:6:7?8:9 lT:1 sdT:0:0:1:2:3:4:5:6:7:8:9 ver:-2 te
st:4:1000:0:0 #correct speaker and digit
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  13974 speakerdigit_v fs:../l2voicedata/allpole/oob4sN50mbas2:100:0.7:1.y nSDL:7:10:10 pmin:0.01 pART:.55:0 Sty ymmil PNr:0.9 void:0 gibbs:1 beta:1 adp:0:01:12:3:4:56:77:8:9 lT:1 sdT:00:1:2:3:4:5:6:7:8:9 ver:-2 te st:11000:1:0 #lincorrect speaker and correct digits
13975 #10 0.0956575 0.134748 #t cpG> 2(sd_pG) <-- OK because speaker verification
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 .25:4 ytm: Inr.0.9 void:0 gibbs:1 beta:1 sqp:0:0:10:1:2:3:4:5:6:7:8:9 lT:1 sdT:0:1:2:3:4:5:6:7:8:9 ver:-2 te st:4:100:0:1 #incorrect digits
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   13983 (3-4) 数字列照合(td):指定話者+指定数字列をテストとして使う
13984 speakerdigit-y fd:../12voicedata/allpole/oob4dNSOmbas2:100:0.7:1.y nSDL:7:10:10 pmin:0.01 pART:.55:0
.25:4 yrm:1 PNr:0.9 void:0 gibbs:1 beta:1 sdP:0:0:1:2:3:4:5:6:7:8:9 lT:1 sdT:0:0:1:2:3:4:5:6:7:8:9 ver:-2 te
st:4:1000:0:0 #correct speaker and digit
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       pART:.55:0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               単一のCAN2を学習できるようにした。
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     必単し
                                                                                                                         #10 0.838315 0.299306 #t pG> 2(std_pG) <-- OK because speaker verification</pre>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              00:0:0 #correct speaker and digit
#10 0:91329 0:224742 #t = 2002 2(std_pG) <-- OK because digit verification
#10 0:91329 0:224742 #t - /12voicedata/allpole/tested_stat_d_riOC_Oytml.dat
cp tmp/tested_stat_dat .../lzvoicedata/allpole/tested_stat_d_riOC_Oytml.dat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               #10 0.0539204 0.0658362 #t <pg> 2(std_pG) <-- OK because digit verification op tmp/testsd_stat.dat ../12voicedata/allpole/testsd_stat_d_riCO_lytml.dat
                                      数字誤り率ricdで生成する
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            #10 0.85185 0.293764 #t <pg> 2(std_pG) <-- OK because speaker verification op tmp/testsd_stat.dat ../12voicedata/allpole/testsd_stat.s_riCO_0ytml.dat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             cp tmp/testsd_stat.dat ../12voicedata/allpole/testsd_stat_s_riCl_0ytml.dat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  cp tmp/testsd_stat.dat ../12voicedata/allpole/testsd_stat_s_riC0_1ytml.dat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ../12voicedata/allpole/testsd_stat_d_riC1_0ytml.dat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (2) oob4speakerdigit+.c
・oob4speaker, oob4digit, oob4speakerdigitを1つにまとめるとともに、
・オプションは
sd:<mp:<dm>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        のいずれかを使う。<sm>,<dm>は学習するマシンの番号。使用例は下の(4)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   (3-2) 数字列照合(fd):非指定話者+指定数字列をテストとして使う
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        話者数字列照合(fsq):非指定話者+指定数字列をテストとし
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     (3-3) 話者照合(fs):指定話者+非指定数字列をテストとして使う
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      (3-2) 話者照合(fs):非指定話者+指定数字列をテストとして使
     プションの修正 test:<id>>:crics>:<ricd>
<id>>!a>:
<id>>!a>:
のとき: 話者誤り率rics、
<id>>=0のとき: これまでと同じ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  cp tmp/testsd_stat.dat
・オプションの修正
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           (3) (1)の使用例
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          13985
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                13980
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   13962
13963
13964
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            13981
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       13992
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14021 (3-12) ベイズ推定(gibbs:0)+話者数学列照合(fsd):指定話者+指定数学列をラストとして使う
14022 speakerdigit v fsd:../12voicedata/allpole/oob4sdNt0mbass:1100:0,71.y nSDL:771.0110 pmin:0.01 pART:.55
14023 #10 0.81791.1 adri0.gibbs:0 beta:1 sdP:0:0:12:3:4#:5.6:77:8:9 lT:1 sdT:0:0:11:2:3:4#:5.6:77:8:9 lT:1 sdT:0:0:11:2:3:4#:5.6:77:8:9 lT:1 sdT:0:0:11:2:3:4#:5.6:77:8:9 lT:1 sdT:0:0:11:2:3:4#:5.6:77:8:9 ver:-2 test:4#:1000:0:0 anoreratin ty pk2) anorertainty (A mag two.716401は変動 が大きすぎる;予格外. 予想ではpgが無限に単調物加)
14024 cp tmp/testsd_stat.dat ../12voicedata/allpole/testsd_stat_sd_ricO_0ytml_b.dat
14025 speakerdigit v fsd:../12voicedata/allpole/cob4sdNt50mbas2:100:0,71:y nSDL:77:10:10 pmin:0.01 pART:.55 102:3:4*:5:6:77:8:9 tmill pNr:0.9 void:0 gibbs:0 beta:1 sdP:0:12:3:4#:5:6:77:8:9 lT:1 sdT:0:0:1:2:3:4#:5:6:77:8:9 ver:-2 test:4110001:0.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              14028 #10 0.112947 0.440701 #t  uncertainty_D(K2)<-- NG because big uncertainty(これも不確実性0.440701は変動が大きすぎる)
14029 cp tmp/testsd_stat.dat ../12voicedata/allbole/testsd stat sd ric1 0vtml b.Aar
                                                             speakerdigit_y fsd:./12voicedata/allpole/cobgsdN50mbas2:100:0.7:1.y nSDL:7:10:10 pmin:0.01 pART:.55 ymr1 pwr:0.5 voidio gibbs:1 beta:1 sdR:0:0:112:3:4:5:6:7:8:9 lT:1 sdT:0:0:112:3:4:5:6:7:8:9 ver:-2 1000:11: #incorrect speaker and incorrect digit with principle and incorrect digit to correct speaker and incorrect digit to correct speaker and incorrect digit to correct speaker and incorrect profile to correct speaker and incorrect profile to correct speaker and incorrect profile to correct speaker and incorrect digit to correct speaker and incorrect speaker and incorrect speaker and incorrect digit to correct speaker and incorrect speaker and incorrect digit to correct speaker and incorrect profile to correct speaker and incorrect digit to correct speaker and incorrect speaker and incorrect digit to correct speaker and incorrect speaker and i
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             14034 plot "testsd_stat_s_ricO_0ytml.dat" using 1:2 w l, "" using 1:2:3 w errorbars, "testsd_stat_s_ricl_0 ytml.dat" using 1:2 w l, "" using 1:2:3 w errorbars

M1935 plot "testsd_stat_d_ricO_0ytml.dat" using 1:2 w l, "" using 1:2:3 w errorbars, "testsd_stat_d_ricl_0 ytml.dat" using 1:2 w l, "" using 1:2:3 w errorbars, "testsd_stat_d_ricl_0 ytml.dat" using 1:2 w l, "" using 1:2:3 w errorbars, "testsd_stat_d_ricl_0 ytml.dat" using 1:2 w l, "" using 1:2:3 w errorbars, "testsd_stat_sd_ricl_0 ytml.dat" using 1:2 w l, "" using 1:2 w l
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14041 time oob4speakerdigit+ sp.fhs.fms:mkk:mko:mmt:mnh:mym tx:zero:ichi:ni:san:yon:go:roku:nana:hachi:kyu ntx:10 k:36 dix:../12voicedata/allpole N:50 mbas:2:100:0.7:1 s:-1 N50 #learn speaker with all speaker (s:-1)
                                                                                                                                                                                                                                                                                                                                                                                                                                             14017 (3-11) 話者数字列照合(fed): 非指定話者+50%非指定数字列をテストとして使う
14018 speakerdigit_v fsd:../12voicedeta/allple/coop4sdN50mbas2:100:0,7:1.y nSDL:7:10:10 pmin:0.01 pART:.55
:0.25:4 yturi PNr:0.9 void:0 gibbs:1 beta:1 sdP:0:0:1:2:3:44:5:6:7:8:9 lT:1 sdT:0:0:1:2:3:44:5:6:7:8:9 ver:-2
test:4:1000:1:0.5 #incorrect speaker and 50%incorrect digit
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   oob4speakerdigit+ sp:fhs:fms:mkk:mko:mmt:mnh:mym tx:zero:ichi:ni:san:yon:go:roku:nana:hachi:kyu nL:1
bas:2:100:0.7:1 dir:../12voicedata/allpole s:2 N:100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  #oob4speakerdigit+ sp:fhs:fms:mkk:mko:mmt:mnh:mym tx:zero:ichi:ni:san:yon:go:roku:nana:hachi:kyu nL:mss:2:100:0.7:1 dir:../l3volcedata/allpole s:6 N:40
0.83000 0.95833 0.04167 0.17000 3.02381e-04 700 6 #TP_TN/FP_FN/FRR,n/sm6
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p./12voicedata/allpole/oob4s:-INSOMpass:100:0;7:1.y ../12voicedata/allpole/oob4s.y
cat ../12voicedata/allpole/oob4s:2N100mbas2:100:0;7:1.y >> ../12voicedata/allpole/oob4s.y
cat ../12voicedata/allpole/oob4s:6N40mbas2:100:0.7:1.y >> ../12voicedata/allpole/oob4s.y
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14657 ft 84000 0:6500 0:03500 0.16000 2.78571e-04 700 2 #TP,TN,PP,FN,FRR,n,sm2
14088 時くなった
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../12voicedata/allpole/oob4s:6N40mbas2:100:0.7:1.ystat
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cat ../12voicedata/allpole/oob4sd:4:7N50mbas2:300:0.7:1.y >> ../12voicedata/allpole/oob4sd.y
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                                                                                                                                                               14076 speakerdigit_v fs:../12voicedata/allpole/oob4s.y nSDL:7:10:10 pmin:0.01 pART:.55:0.25:4 ytm:1 PNr:0. yodio globs:1 beta:1 sdP:0:0:11:2:3:4:5:6:7:8:9 lT:1 sdT:0:0:11:2:3:4:5:6:7:8:9 ver:-2 test:4:1000:1:0 #cor rect speaker and digit
14077 #10 0.0776555 0.119994 #t cpc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CL_Oytml_new.dat" using 1:2 w 1, "" using 1:2:3 w errorbars ' 14084 plot 'testsd.stat.s.ricO_oytml.dat" using 1:2 w 1, "" using 1:2 x x errorbars, "testsd.stat.s.riCl_0 ymal.dat" using 1:2 w 1, "" using 1:2:3 w errorbars 'testsd.stat.s.riCl_0 14085 #newの方が良いように見える。差は僅か?
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     14118 speakerdigit_v fsd:../12voicedata/allpole/oob4sdNS0mbas2:100:0.711.y nSDL:7:10:10 pmin:0.01 pART:.55 css14 yrur1 pNr:0.9 void:0 glbbs:1 bet:1 sdP:0:011:2:3:4:5:6:7:8:9 lT:1 adT:0:0:1:2:3:4:5:6:7:8:9 ver:-2 test:4:1000:00 #correct speaker and digit
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    14119 #10 0.870785 0.180705 #t eps uncertainty_p(k2)
14120 speakerdigit_v fsd:../lzvoiccedata/allpole/oob4sGNS0mbas2:100:0.7:1.y nSDL:7:10:10 pmin:0.01 pART:.55
10.25:4 ytm:1 PNr:0.9 void:0 gibbs:1 beta:1 sdP:0:0:12:3:4:5:6:7:8:9 lT:1 sdT:0:0:1:2:3:4:5:6:7:8:9 ver:-2
test.4::000:1:0 #incorrect speaker and digit
                                                                                                                                                                                                                                                                                                                                                                                                                                                           plot "testsd_stat_s_ricO_0ytml_new.dat" using 1:2 w 1, "" using 1:2:3 w errorbars, "testsd_stat_s_ri
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14111 speakerdigit_v fsd:../12volcedata/allpole/oob4sd.y nSDL:7:10:10 pmin:0.01 pART:.55:0.25:4 ytm:1 PNr:
0y void(0 gibbs:1 beta11 sdp:0:0:1:2:3:4:5:6:7:8:9 lT:1 sdT:0:0:1:2:3:4:5:6:7:8:9 ver:-2 test:4:1000:0:0 #c
orrect speaker and digit
14112 #10 0.869749_0.179965 #t cp> uncertainty_D(k2)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       14124 oobkapaakerdigit+ sp:fhs:fms:mkk:mkc:mmt:mmh:mym tx:sero:ichi:nli:san:yon:go:roku:nana:hachi:kyu ntxi
:10 k:36 mbas:2:300:0,711 dir:../12voicedata/allpole sdi471 Ni50
14125 cat.../12voicedata/allpole/oobksdi4:7N50mbas2:300:0,711.ystat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          #oobdspeakerdigit+ sp:fhs:fms:mkk:mkc:mm:mmh:mym tx:zero:ichi:ni:san:yon:go:roku:nana:hachi:kyu ntx
36 mbas:2:300:0.7:1 dir:../12voicedata/allpole sd:4:7 N:50
0.70000 0.99130 0.08870 0.28000 4.40994e-04 700 4 7 #Tp.TN.Fp.FN.ER.n.sm4 txm7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      mbas:
   test:4:1000:0:0 #cox
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        N50 mbas:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         mbas:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         N50 mbas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              N40
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     14104 0.90000 0.99130 0.00870 0.10000 1.55280e-04 700 5 4 #TP,TN,FP,FN,ERR,n,sm5 txm4 for check. N40
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               cp ../12voicedata/allpole/oob4sdN50mbas2:100:0.7:1.y ../12voicedata/allpole/oob4sd.y cat ../12voicedata/allpole/oob4sd:5:4N50mbas2:300:0.7:1.y >> ../12voicedata/allpole/oob4sd.y
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                (4-6-7) yファイルを結合
cp ../12voicedata/allpole/oob4sdN50mbas2:100:0.7:1.y ../12voicedata/allpole/oob4sd.y
cat ../12voicedata/allpole/oob4sd:5:4N50mbas2:300:0.7:1.y >> ../12voicedata/allpole/oob4sd.y
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         check.
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void:0 gibbs:1 beta:1 sdp:0:0:1:2:3:4:5:6:7:8:9 lT:1 sdT:0:0:1:2:3:4:5:6:7:8:9 ver:-2 cct speaker and digit cps cct speaker and digit cps verentainty p(k2)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0.80000 0.99420 0.00580 0.20000 2.93996e-04 700 5 4 #TP,TN,FP,FN,ERR,n,sm5 txm4
                                                                                                      ../12voicedata/allpole/testsd_stat_s_riC0_0ytm1_new.dat
                                                                                                                                                                                                                                                                                                    ../12voicedata/allpole/testsd_stat_s_riC1_0ytm1_new.dat
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (4-6) 話者数字列でも行う。
(4-6-1) sm5 txm4が悪いので良いパラメタを探索(結果的にD=300が良かった)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            #10 0.22628 0.244544 #t  uncertainty_p(k2)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (4-6-6) sm4 txm7でもNを探索
                                                                                                                                                                                                                                                                                                                                                             (4-5) gnuplot で確認
cd ../12voicedata/allpole/
                                                                                                      cp tmp/testsd_stat.dat
                                                                                                                                                                                                                                                                                                    cp tmp/testsd_stat.dat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (4-6-2) yファイルを結合
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                                                                                                                                                                                                                                                                                                                                                                                                                                     gnuplot
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2:50:0.7:1
14099 0.70
2:200:0.7:1
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14101 0.80
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2:400:0.7:1
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14086
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readmecan2mspeech.txt Jun 19 2021 08:15:37

```
ン test:<id>・cric> cid>・cric> に対し、指定話者数字列sdP:<sP>:<dPl>:<dp>:... に対し、テスト話者数字列sd
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    14165 speakerdigit_v fsd:../12voicedata/allpole/oob4sdNSOmbas2:100:0.7:1.y nSDL:7:10:10 pmin:0.01 pART:.55
:0.25:4 ytm:0 PNr:0.9 void:0 gibbs:1 beta:1 sdp:0:0:1:2:3:4:5:6:7:8:9 lT:1 sdT:0:0:1:2:3:4:5:6:7:8:9 ver:-2
test.3:1000:0 #correct
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                14168 speakerdigit_v fsd:../12voicedata/allpole/oob4sdNSOmbas2:100:0.7:1.y nSDL:7:10:10 pmin:0.01 pART:.55:0.25:4 ytm:0 PME:0.9 void:0 gibbs:1 beta:1 sdP:0:0:1:2:3:4:5:6:7:8:9 lT:1 sdT:0:0:1:2:3:4:5:6:7:8:9 ver:-2 test:3:1000:0.8 #incorrect
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                14175 speakerdigit_v fs:../12voicedata/allpole/oob4sN50mbas2:100:0.7:1.y nSDL:7:10:10 pmin:0.01 pART:.55:0 .25:4 ytm:1 ppkr:0.9 void:0 gibbs:1 beta:1 sdp:0:0:1:2:3:4:5:6:7:8:9 1T:1 sdT:0:0:1:2:3:4:5:6:7:8:9 ver:-2 te st:1:1000:0 #correct
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   14176 speakerdigit_v fs:../12voicedata/allpole/oob4sN50mbas2:100:0.7:1.y nSDL:7:10:10 pmin:0.01 pART:.55:0 25:4 ytm:1 pAr:0.9 void:0 gibbs:1 beta:1 sdP:0:0:1:2:3:4:5:6:7:8:9 1T:1 sdT:0:0:1:2:3:4:5:6:7:8:9 ver:-2 test:1:1000:0.8 #incorrect
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         14178 speakerdigit_v fd:../lZvoicedata/allpole/oobddN50mbas2:100:0.7:1.y nSDL:7:10:10 pmin:0.01 pART:.55:0 .25:4 ytm:1 pAr:0.9 void:0 gibbs:1 beta:1 sdP:0:0:1:2:3:4:5:6:7:8:9 lT:1 sdT:0:0:1:2:3:4:5:6:7:8:9 ver:-2 te st:2:1000:0 #correct
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            pART:.55
9 ver:-2
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                                    14135 speakerdigit_v fsd:./12voicedata/allpole/oob4sd.y nSDL:7:10:10 pmin:0.01 pART:.55:0.25:4 ytm:1 pNr: 0.9 void:0 gibbs:1 beta:1 sdp:0:0:1:2:3:4:5:6:7:8:9 lT:1 sdT:0:0:1:2:3:4:5:6:7:8:9 ver:-2 test:4:1000:1:0 #1 noorzect speaker and digit nod digit nod digit nod 0.373480 o.177889 #t cp> mcertainty_p(k2)
14136 10 0.873486 0.177889 #t  mcertainty_p(k2)
14137 (4-6-9) 話者数字列照合: 不正解話者十正解数字列
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                14179 speakerdigit_v fd:../l2voicedata/allpole/oob4dN50mbas2:100:0.7:1.y nSD1:7:10:10 pmin:0.01 pART:.55:0
25:4 ytml pkr:0.9 void:0 glbbs:1 beta:1 sdp:0:0:11:2:3:4:5:6:7:8:9 lT:1 sdT:0:0:1:2:3:4:5:6:7:8:9 ver:-2 te
st:2:1000:0.8 #incorrect
                                                                                                                                                                                                                                                    14138 speakerdigit_v fsd:../12voicedata/allpole/oob4sd.y nSDL:7:10:10 pmin:0.01 pART:.55:0.25:4 ytm:1 PNr: 0.9 void:0 gibbs:1 beta:1 sdp:00:0:1:2:3:4:5:6:7:8:9 lT:1 sdT:0:0:1:2:3:4:5:6:7:8:9 ver:-2 test:4:1000:1:0 #i ncorrect speaker and digit
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             <iq>=1,2,3のとき<n>個の指定話者数字列をランダムに生成し、テスト話者数字列を<riC>の誤り<br/>
※で
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               "testsd_stat_sd0.8ytm1.dat

    cid>=1のとき: speaker が ric の割合で正しくない、ric=0のとき正しい。
    cid>=2のとき: digit が ric の割合で正しくない. ric=0のとき正しい。
    cid>=3のとき: speaker と digit、それぞがが、ric の割合で正しくない. ric=0のとき正しい。
    結果はtmp/vested.dat と tmp/rested stat.dat に自む に言いまます。
    tmp/tested_stat.datの第3要素はカバレッジファクタk=2(約95%カバー)の拡張不確かさ (計測工学参照)

                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               "testsd_stat_sd0ytm0.dat" using 1:2 w 1, "testsd_stat_sd0ytm0.dat" using 1:2:3 w errorbars,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             14181 speakerdigit_v fsd:./12voicedata/allpole/oob4sdN50mbas2:100:0.7:1.y nSDL:7:10:10 pmin:0.01 p
:0.28:4 yrm:1 PMr:0.9 vold:0 gibbs:1 beta:1 sdp:0:0:1:2:3:4:5:6:7:8:9 lT:1 sdT:0:0:1:2:3:4:5:6:7:8:9
test:3:1000:0 #correct
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   stsd_stat_sd0.8ytm0.dat" using 1:2 w 1, "testsd_stat_sd0.8ytm0.dat" using 1:2:3 w errorbars
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          using 1:2:3 w errorbars,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              op tmp/testsd_stat.dat ../12voicedata/allpole/testsd_stat_sd0.8ytml.dat cd ../12voicedafatal.an
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        cp tmp/testsd_stat.dat ../12voicedata/allpole/testsd_stat_sd0.8ytm0.dat
cd ../12voicedata/allbole
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            .dat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  cp tmp/testsd_stat.dat ../12voicedata/allpole/testsd_stat_sd0ytm1.dat
                                                                                                                                                                                                                                                                                                                                                                                                      10_0.208707_0.239441 #t  wncertainty_D(k2)
## さらによくなった:(4-6-4)や(4-6-5)よりUncertaintyが小さくなった。
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       cp tmp/testsd_stat.dat ../12voicedata/allpole/testsd_stat_sd0ytm0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2013/02/05 夕方
(1) サンブルを生成しテストするブログラムを作成した。
・オブション test:<id>:<n>:<ric>
(4-6-8) 話者数字列照合:不正解話者+正解数字列
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          plot "testsd_stat_sd0ytml.dat" using 1:2 w l,
1:2 w l, "" using 1:2:3 w errorbars
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /12voicedata/allpole
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ###################
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   T:<sT>:<dT1>:...のテス
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       #try to here
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       テスト。
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1:2 w l,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                gnuplot
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               gnuplot
```

14220 2013.01.29 14220 170 2 A speakerdigit_v.c (初版) が何とかできた。話者数字列が正解の時はのK?不正語 14221 (1) 監者数字列のときたまり上来く行かない? (4) 2422 2 speakerdigit、 f (4) 2422 2 speakerdigit、 f (4) 2422 2 speakerdigit、 f (5) 25.4 PNr:0.9 void:0 gibbs:1 beta:0.2 sdP:0:0:12:3:4:5:6:7:8:9 IT:0 sdT:0:0:12:3:4:5:6:7:8:9 #correct 14223 2 speakerdigit、 f (5) 25.4 PNr:0.9 void:0 gibbs:1 beta:0.2 sdP:0:0:12:3:4:5:6:7:8:9 IT:1 sdT:0:0:12:3:4:5:6:7:8:9 #correct 14224 speakerdigit、 f (2) 25.4 PNr:0.9 void:0 gibbs:1 beta:0.2 sdP:0:0:12:3:4:5:6:7:8:9 IT:1 sdT:0:0:12:3:4:5:6:7:8:9 #correct 14224 2 speakerdigit、 f (2) 25.4 PNr:0.9 void:0 gibbs:1 beta:0.2 sdP:0:0:12:3:4:5:6:7:8:9 IT:1 sdT:0:0:12:3:4:5:6:7:8:9 #correct 14224 2 proxect 2 sdP:0:0:12:3:4:5:6:7:8:9 IT:1 sdT:0:0:12:3:4:5:6:7:8:9 #correct 14225 2 proxect 2 sdP:0:0:12:3:4:5:6:7:8:9 IT:1 sdT:0:0:12:3:4:5:6:7:8:9 #correct 14225 2 proxect 2 sdP:0:0:12:3:4:5:6:7:8:9 IT:1 sdT:0:0:12:3:4:5:6:7:8:9 #correct 14225 2 proxect 2 14197 (1) pPP2 pFNO 分散が最小のythを用いる手法(ytm:1). 従来手法(PNrを用いる場合) は ytm:0 14197 (1) pPP2 pFNO 分散が最小のythを用いる手法(ytm:1). 従来手法(PNrを用いる場合) は ytm:0 pART::55:0 25:4 ytm:1 PNr:0; 9 void:0 glbbs:1 beta:1 adP0:0:0;1:2:3:45:6:778:9 pT1:1 adT:0:0;1:2:3:45:6:778:9 yer:-2 #c 20xrect ytm:1 PNr:0; 9 void:0 glbbs:1 beta:1 adP0:0:0;1:2:3:45:6:778:9 pT1:1 adT:0:0;1:2:3:45:6:778:9 yer:-2 #c 20xrect ytm:1 PNr:0; 9 void:0 glbbs:1 beta:1 adP0:0:0;1:2:3:44:5:6:778:9 pT1:1 yrusDL:7:10:10 pmin:0.01 pART::55:0 25:4 ytm:1 PNr:0; 9 void:0 glbbs:1 beta:1 adP0:0:0;1:2:3:44:5:6:78:9 pT1:1 adT:0:0:1:3:44:5:6:78:89 yer:-2 #c pART:.95:0 orrect but 14209 (1) beta_Lが開始っていたので修正→あまりうまく行かない。前より悪い?ver:-2とver:2だけうまくいく?14209 (1) beta_Lが開始っていたので修正→あまりうまく行かない。前より悪い?yer:-2とver:2とver:2だけうまくいく?14204 speakerdigit v fs:.,/12voicedata/allpole/oob4sN50mbas2:100:0.7:11.y nSD1:7:10:10 pmin:0.01 pART:.75:0
25:4 pwr:0.9 void:0 gibbs:1 beta:1 adp:0:0:11:2:3:4:5:6:7:8:9 lT:1 sdT:0:0:1:2:3:4:5:6:7:8:9 ver:-2 #correct
14205 speakerdigit v fd:.,/12voicedata/allpole/oob4sN50mbas2:100:0:7:11.y nSD1:7:10:10 pmin:0.01 pART:.75:0
25:4 pwr:0.9 void:0 gibbs:1 beta:1 adp:0:0:11:2:3:4:5:6:7:8:9 lT:1 sdT:0:0:12:3:4:5:6:7:8:9 ver:-2 #correct
14206 speakerdigit v fd3:.,/12voicedata/allpole/oob4sN50mbas2:100:0.7:11.y nSD1:7:10:10 pmin:0.01 pART:.75:0:25:4 pwr:0.9 void:0 gibbs:1 beta:1 sdP:0:0:11:2:3:4:5:6:7:8:9 lT:1 sdT:0:11:2:3:4:5:6:7:8:9 ver:-2 #correct 14186 cp tmp/testsd_stat.dat ../12voicedata/allpole/testsd_stat_s1.dat
14187 speakerdigtt_v fsd:../12voicedata/allpole/cob4sdN5mbas2:100:0,711.y nSDL:7:10:10 pmin:0.01 pART:.55
:0.25:4 ytm:1 PNr:0.9 void:0 gbbs:1 beta:1 sdP:0:0:12:3:4:5:6:7:8:9 lT:1 sdT:0:0:1:2:3:4:5:6:7:8:9 ver:-2
test:2:1000:0,5 #digit incorrect 14200 speakerdigit_v fsd:../12voicedata/allpole/oob4sdN50mbas2:100:0,7:1.y nSDL:7:10:10 pmin:0.01 pART:.55 :0.25:4 ytm:1 PNr:0.9 void:0 gibbs:1 beta:1 sdP:0:0:1:2:3:4:5:6:7:8:9 lT:1 sdT:0:0:1:2:3:4:5:6:7:8:9 ver:-2 #correct pART:.95:0 14238 time oobdspeaker sp:fhs:fms:mkk:mkc:mmt:mmh:mym tx:zero:ichi:ni:san:yon:go:roku:nana:hachi:kyu ntxi:
14239 #../12vo:cedata/allpole.Ncb@shSombas2:100:0.7:1
14240 0.90000 0.97000 0.10000 1.87000 0.16774e-04 700 0 #TP, TN, FP, FN, ERR, n, sm0
14241 0.90000 0.97000 0.02500 0.10000 1.85714e-04 700 0 #TP, TN, FP, FN, ERR, n, sm1
14240 0.90000 0.97000 0.35000 0.10000 3.54762e-04 700 1 #TP, TN, FP, FN, ERR, n, sm1
14241 0.9833 0.21000 3.54762e-04 700 2 #TP, TN, FP, FN, ERR, n, sm2 "testsd_stat0.dat" using 1:2:3 w errorbars, "testsd_stat0.8.d 14227 speakerdigit_v fs:../12voicedata/allpole/oob4sN50mbas2:100:0.7:1.y nSDL:7:10:10 pmin:0.01 pART:.95 25:4 PNr:0.9 void:0 gibbs:1 beta:0.2 sdp:0:0:1:2:3:4:5:6:7:8:9 lT:1 sdT:1:0:1:2:3:4:5:6:7:8:9 #incorrect 14226 speakerdigit_v fd:../12voicedata/allpole/oob4dN50mbas2:100:0.7:1.y nSDL:7:10:10 pmin:0.01 pART:.95 25:4 PNr:0.9 void:0 gibbs:1 beta:0.2 sdP:0:0:1:2:3:4:5:6:7:8:9 lT:1 sdT:0:1:2:3:4:5:6:7:8:9:0 #incorrect 14229 speakerdigit_v fd:../12voicedata/allpole/oob4dN50mbas2:100:0.7:1.y nSDL:7:10:10 pmin:0.01 pART:. .25:4 PNr:0.9 void:0 gibbs:1 beta:0.2 sdp:1:0:1:2:3:4:5:6:7:8:9 lT:1 sdT:1:0:1:2:3:4:5:6:7:8:9 #correct ###

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versionオプション
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version においた (1 まん) (1 errorbars, using 1:2:3 w ../12voicedata/allpole/testsd_stat_d0.5.dat 2013.01.24 (1) Cava2の語者数字照合出力をパグ外推定で求める→安定で高い正解率 プログラム "testsd_stat_sd0.dat" 14192 plot "testsd_stat_sd0.dat" using 1:2 w l, "testsd_stat_sd0.dat __s1.dat" using 1:2 w l, "testsd_stat_s1.dat" using 1:2:3 w errorbars 14194 plot "testsd_stat0.dat" using 1:2 w 1, "testsd_stat0.dat at using 1:2 w 1, "testsd_stat0.8.dat" using 1:2:3 w errorbars 14.195 cd ../12voicedata/allpole cp tmp/testsd_stat.dat oob4speakerdigit.c 2013.01.30 午後 oob4speaker.c oob4digit.c (2)実行例: 2013/02/05 gnuplot NG for lT:1 14210 14211 14212 14213 14214 14214 14216 14216 quence 14227 14202 14207 14234 14236 14196 14233 14201

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```
12424 0 00000 0 0.98313 0.01670 0.110000 1.252308-0.1700 0.1 1977.14. Pp. Ph. 2000 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0.1 1970 0
0.82000 0.94833 0.05167 0.18000 3.30952e-04 700 3 #TD,TN,FD,FN,ERR,n,sm3 0.81000 0.98333 0.01667 0.19000 2.95238e-04 700 4 #TD,TN,FP,FN,ERR,n,sm4 0.80000 0.96000 0.04000 0.220000 3.42857e-04 700 5 #TD,TN,FP,FN,ERF,n,sm5 0.79000 0.96000 0.04000 0.22000 3.57143e-04 700 6 #TP,TN,FP,FN,ERR,n,sm6 0.79000 0.96000 0.04000 0.21000 3.57143e-04 700 6 #TP,TN,FP,FN,ERR,n,sm6
```

#oob4digit sp.fhs:fms:mkk:mko:mmt:mnh:mym tx:zero:ichi:ni:san:yon:go:roku:nana:hachi:kyu ntxi:10 k:3 N:50 mbas:2:1000:0.7:1 dir:../12voicedata/allpole #time-consuming

#oob4speakerdigit+ sp:fhs:fms:mkk:mko:mmt:mnh:mym tx:zero:ichi:ni:san:yon:go:roku:nana:hachi:kyu ntx 16 mbas:2:300:0.7:1 dir:../12voicedata/allpole d:8 N:100

86 mbas:2:300:0.7:1 dir:../lZvoicedata/allpole d:8 N:100
0.72857 0.98730 0.01270 0.27143 4.05896e-04 700 8 #TP.TN.FP.FN.ERR,n.txm8x

i:10 k:36 mbas:2:300:0

14302 cat ...12voicedata/allpole/oob4d:2NlO0mbas2:300:0.7:1.ystat
14303 #oob4spekerdigit-ye psifis:ism.nkk:nko:nmt:nmh:nym tx:sero:ichi:ni:san:yon:go:roku:nana:hachi:kyu
14304 0.40266 0.99524 0.00476 0.15714 2.3.1293e-04 7700 2 #TP_TN, PP_FN, ERR, n, txm2 0?
14305 cat ./12voicedata/allpole/oob4d:3NlO0mbas2:300:0.7:1.ystat

ntx

14299 cat ../l2voicedata/allpole/oob4d:8N30mbas2:300:0.7:1.ystat
14300 #oob4speakerdigit+ sp:ffns:fms:mkk:mko:mmt:mmh:mym tx:zero:ichi:ni:san:yon:go:roku:nana:hachi:kyu i
14300 #oob4speakerdigit+ sp:ffns:fms:mkk:mko:mmt:mmh:mym tx:zero:ichi:ni:san:yon:go:roku:nana:hachi:kyu i
14300 #oob4speakerdigit+ no:12voicedata/allpole di8 Ni30
14302 cat ../l2voicedata/allpole-oob4d:2N100mbas2:300:0.7:1 ver.r
14303 #oob4speakerdigit+ no:fb--r

ntx

ntx

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```
#oob4speakerdigit sp:fhs:fms:mkk:mko:mmt:mnh:mym tx:zero:ichi:ni:san:yon:go:roku:nana:hachi:kyu ntxi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TP, ERR
0.92857 0.98889 0.01111 0.07143 1.17914e-04 700 0 #TP,TN,FP,FN,ERR,n,Lxm0
0.91429 0.97778 0.02222 0.12857 2.2222e-04 700 2 #TP,TN,FP,FN,ERR,n,Lxm1
0.87143 0.97302 0.02698 0.12857 3.65079e-04 700 2 #TP,TN,FP,FN,ERR,n,Lxm3
0.85714 0.97778 0.02222 0.12857 3.65079e-04 700 3 #TP,TN,FP,FN,ERR,n,Lxm3
0.85714 0.97778 0.02222 0.14286 2.35828e-04 700 5 #TP,TN,FP,FN,ERR,n,Lxm4
0.88571 0.9841 0.00159 0.14289 1.65538e-04 700 6 #TP,TN,FP,FN,ERR,n,Lxm6
0.77443 0.96081 0.01316 0.22857 3.65044e-04 700 6 #TP,TN,FP,FN,ERR,n,Lxm6
0.77443 0.96081 0.03016 0.22857 3.65044e-04 700 8 #TP,TN,FP,FN,ERR,n,Lxm7
0.97143 0.96083 0.03116 0.22857 3.65045e-04 700 8 #TP,TN,FP,FN,ERR,n,Lxm9
0.97143 0.99683 0.00317 0.22857 3.65045e-04 700 8 #TP,TN,FP,FN,ERR,n,Lxm9
0.97143 0.99683 0.00317 0.22857 3.65045e-04 700 8 #TP,TN,FP,FN,ERR,n,Lxm9
4330.53user 332.78879cem 1.32.51apsed 83%CPU (0avgtexx+0avgdata 60916maxresident)k
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| #TP, TN, FP, FN, ERR, N, SMO U
| #TP, TN, FP, FN, ERR, N, SMO U
| #TP, TN, FP, FN, ERR, N, SMO U
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| #TP, TN, FP, FN, ERR, N, SMO U
| #TP, TN, FP, FN, ERR, N, SMO U
| #TP, TN, FP, FN, ERR, N, SMO U
| #TP, TN, FP, FN, ERR, N, SMO U
| #TP, TN, FP, FN, ERR, N, SMO U
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| #TP, TN, FP, FN, ERR, N, SMO U
| #TP, TN, FP, FN, ERR, N, SMO U
| #TP, TN, FP, FN, ERR, N, SMO U
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| #TP, TN, FP, FN, ERR, N, SMO U
| #TP, TN, FP, FN, ERR, N, SMO U
| #TP, TN, FP, FN, ERR, N, SMO U
| #TP, TN, FP, FN, ERR, N, SMO U
| #TP, TN, FP, FN, ERR, N, SMO U

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ERR, n, sm6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ERR, n,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ERR,n,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            #TP, TN, FP,
                                                                                                                          14317 | 0.8771 | 0.8971 | 0.9971 | 0.0125 | 0.11428 | 0.11428 | 0.11428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.14428 | 0.
                                                                                                                                                                                                                                                                                                                                                   0 0 0 0 0 0 2 1 0
```

txm9 0.90000 0.99855 0.00145 0.10000 1.44928e-04 700 6 9 #TP,TN,FP,FN,ERR,n,sm6 14394

readmecan2mspeech.tx

```
14443 loodmultistep-sr-ti-mine spimsm:mss mtn:mwk:mym tx:daigaku:fukuokaken:gakusei:kikai:kyuukoudai ntxi: lbxi:o.10 bbxi:o.10 bbxi:o.10 bbxi:o.112 bby: 0.112 bby: 0.12 bby: 0.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  10048N20.ystat:第m行にCAN2^{s_m}(s_m\in S)に対するTP,TN,FP,n,ERR,S,sm などを保存
1004dN20.y:第m行にCAN2^{d_m}(d_m\in S)の出力,各行は特徴x_{s,d,i}(s\in S, d\in D, 1\in L)に対する
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          14448 loo4gibbs-sr fn:../mineishi/text-depdata2.dat ns:5 ntxi:10:10 pmin:0.0 pth:.999 ith:4 ts:4:0:3
1.12 tdisgraf fnt:8, 8f:1 pkr: 9 void:11:14-4 gibbs.0 max:-1
1.4449 #Original Verification PR Rate:0.005(1/200) 0.000(0/200) 0.015(3/200) 0.015(3/200) 0.000(0/200)
14450 #Original Verification PR Rate:0.200(10/50) 0.180(9/50) 0.340(17/50) 0.240(12/50) 0.300(15/50)
14451 #Original Verification PR Rate:0.000(4/50) 0.060(3/50) 0.060(3/50) 0.040(2/50)
14452 #Vinmex-1 response time steps=5.04=(4.4044.0047.6045.2044.004)/5, (fp+FP)/All=(0+0)/25 Err:none#maxPI
r2.55e-06<PIrthraminPrVI.00e+20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       14456 loo4gibbs-sr fn:../mineishi/text-depdata2.dat ns:5 ntx:5 ntxi:10:10 pmin:0.0 pth:.999 ith:4 ts:4:0:3
1:2 tdisp:4 fmt:%.8f:1 pNr:.9 void:1:1e-4 gibbs:0 mex:0
14457 #vlmex0 response time steps=5.48=(4.40+4.00+7.40+6.60+5.00+)/5, (fp+Fp)/All=(0+0)/25 Err:none #maxPI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               echo -n "date; ";date;
time oobspeaker sp:fhs:fms:mkk:mko:mmt:mnh:mym tx:zero:ichi:ni:san:yon:go:roku:nana:hachi:kyu ntxi:1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        14416 time loo4speaker spifhs:fms:mkk:mko:mmt:mnh:mym tx:zero:ichi:ni:san:yon:go:roku:nana:hachi:kyu ntxi:10 k:36 N:20 dir:../lZvoicedata/allpole
11417 time loo4digit spifhs:fms:mkk:mko:mmt:mnh:mym tx:zero:ichi:ni:san:yon:go:roku:nana:hachi:kyu ntxi:10 k:36 N:20 dir:../lZvoicedata/allpole
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  14453 loo4gibbs-sr fn:../mineishi/text-depdata2.dat ns:5 ntxi:10:10 pmin:0 beta:1 pth:.71 ith:4 ts:4 :0:3:1:2 tdisp:4 fmt:%.3f:1 PNr:.9 void:1:.41 gibbs:1 mex:-1 14454 #vlmex-1 response time steps=5.16=(4.40+4.00+7.80+5.60+4.00+).5, (fp+Fp)/All=(0+0)/25 Exr:none #maxp
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      14458 #vlmex1 response time steps=5.64=(4.60+4.00+8.40+6.20+5.00+)/5, (fp+FP)/All=(0+0)/25 Err:none #maxPI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            response time steps=5.52=(5.00+4.00+7.60+6.40+4.60+)/5, (fp+FP)/All=(0+0)/25 Err:none #maxPI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    14418 time loo4speakerdigit sp:fhs:fms:mk:mko:mmt:mnh:mym tx:zero:ichi:ni:san:yon:go:roku:nana:hachi:kyu ntxi:10 k:36 N:20 dir:../l2voicedata/allpole
14419 echo -n "date: ",date;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         .../12voicedata/allpoleの下に
1oo4sN20.y:第m行にCAN2^{s_m} (s_m\in S) の出力,各行は特徵x_{s,d,i} (s\in S, d\in D, 1\in L)に対す
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                test
                                                                                                                                                                                                                                                                                                                                                                                                                                    c:特定数字での話者CAN2<leave-oneset-out>)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                cat ../12voicedata/allpole/loo4sN60.ystat #test# time loo4speaker sp:fhs tx:zero ntxi:1 k:36 N:20 dir:../12voicedata/allpole #for
                                                                                                                                                                                  loodmultistep-sr-ti-mine3.G:テキスト独立話者CAN2cleave-oneset-

数字CAN2=不特定語者かつ特定数字
loodspeakerdigit.G 語者数字CAN2=解定数字(テキスト従属)特定話者CAN2
(similar but not equal to
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 -one-out>
                                            アイルをleave-one-outでGMN2により学習す過するプログラム
語者CMN2-不特定数学(テキスト独立)特定語者GMN2 <leave-
(sintlar but not equal to

    Odaigaku, Ifukuokaken, 2gakusei, 3kikai, 4kyuukoudai
    4kyuukoudai, 0daigaku, 3kikai, 1fukuokaken, 2gakusei

                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    D数学集合=[zero,ichi,ni,san,yon,go,roku,nana,hachi,kyu]
S=語者集合=[fhs:fms:mkk:mko:mmt:mm]
L=I別数集合=[t],2,\cdots,|L|=10?}とする。
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           see readme.mineishi (from original readme-mineishi.dat)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0 k:36 N:20 dir:../12voicedata/allpole mbas:2:20:0.7:1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               (4) 出力ファイル(詳しくはプログラムを見よ)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                rea193m54.088suser17m41.682ssys5m55.038s
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%テキスト:Odaigaku,lfukuok
%テキスト:4kyuukoudai,Odai
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Ir2.76e-01<PIrth<minPIv1.00e+20
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14459 #vlmex2 response time s
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110616 2011.06.16
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2013.01.20(1)特徴ベクトル
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            (3) コマンド:
                                                                                                                  loo4speaker.c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          使用例
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出力列
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14430
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出力列
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                                                                                                                                                               14401
```

Err:none #maxPI #vlmex4 response time steps=4.28=(4.40+4.00+4.00+5.00+4.00+)/5, (fp+FP)/All=(0+0)/25 Err:none #maxPl steps=5.12=(4.60+4.00+7.80+4.60+4)/5, (fp+FP)/All=(0+0)/25 r7.27e-09-clrrh<minnPiv1.25e-01 14462 echo "print (5.48+5.64+5.52+5.12+4.28)/5"|gnuplot #5.208 22.45e-06<PIrth<minPIv6.76e-02

14463

14466 #Vlmex1 response time steps=5.92=(5.60+4.00+8.00+6.80+5.20+)/5, (fp+FP)/All=(0+0)/25 Err:none#maxPIr 2.16e-01-ePrthcminFIr% 43e-01 #467 #Vlmex2 response time steps=6.5.60+4.00+8.80+6.40+5.20+)/5, (fp+FP)/All=(0+0)/25 Err:none#maxPIr 2.75e-01-PIrthcminFIr% 5.9e-01 #maxPIr #4048 #Vlmex3 response time steps=6=(5.60+4.00+8.80+6.40+5.20+)/5, (fp+FP)/All=(0+0)/25 Err:none #maxPIr 14468 #Vlmex3 response time of the other file for the other file for f 2.75e-01<PIrth<minPIv7.64e-01

#vlmex4 response time steps=5.4=(5.20+5.20+5.20+5.20+5.20+)/5, (fp+FP)/All=(0+0)/25 Err:none#maxPIrl echo "print (5.92+5.92+6+5.72+5.4)/5" gnuplot #5.792 ##<pth:.71 54e-01<PIrth<minPIv8.12e-01

14470

14476

14469

14472 loo4gibbs-sr fn:../mineishi/text-indepdata.dat ns:5 ntx:1 ntx:10:10 pmin:0.0 pth:.999 ith:4 ts:4:00:33:12 tdisp:4 fmt:% sf:1 pNr:.9 void:1:1a-4 gibbs:0 mex:-1
14473 #criginal Verification FP Rate:0.010(2/200)0.010(2/200)0.020(4/200)0.060(12/200)0.050(10/200)
14474 #criginal Verification FN Rate:0.360(18/50)0.330(115/50)0.340(117/50)0.3320(16/50) #Original Identification Error Rate:0.200(10/50)0.200(10/50)0.280(14/50)0.400(20/50)0.420(21/50) 14477 loo4gibbs-ar fn:../mineishi/text-indepdata.dat ns:5 ntxi:10:10 pmin:0.0 pth:.9997 ith:4 ts:4:0 it.12 tdiag4 fmt.* re:8pcise time:9 void:11:4 diag5.0 mex:0 it.12 tdiag4 fmt.* re:8pcise time:9pcise.6pt.* (7.00+5.80+0.40+6.40+).5, (fp+Fp)/All=(0+0)/25 Exr:none #maxp #lmaxp #lmax #maxP 14479 #vlmex0 response time steps=6.84=(7.40+5.40+8.20+7.00+6.20+)/5, (fp+FP)/All=(0+0)/25 Ir5.01e-05<PIrth<minplv6.73e-03 Ir3.85e-05<PIrth<minPIv1.00e+20

14481 #vlmex2 response time steps=7.12=(6.60+6.40+10.00+6.80+5.80+)/5, (fp+FP)/All=(0+0)/25 Err:none Ir3.43e-06-PIrthrandle 14482 #vlmex3 response time steps=7=(6.60+6.60+8.60+6.40+6.80+)/5, (fp+FP)/All=(0+0)/25 Err:none Ir3.37e-05<PIrth<minPIv1.14e-03

14483 #vlmex4 response time steps=5.8=(5.40+4.20+6.00+6.60+6.80+)/5, (fp+FP)/All=(0+0)/25 Err:none is 378-05-05-17thmmhhr1.11e-0.80+7.47.1247+5.8)/5"|gnuplot #6.832 14485

14486 ##loo4gibbs-sr fn:../mineishi/text-indepdata.dat ns:5 ntx:5 ntxi:10:10 pmin:0.0 pth:.9999 ith:4 ts:4 03:11:2 tdisp:4 fmt:8.8f:1 PNr:.9 void:1:1e-4 gibbs:0 mex:-1 14487 ###vlmex-1 response time steps=7.16=(7.20+6.00+8.80+7.20+6.60+)/5, (fp+FP)/All=(0+0)/25 Err:none #ma

xPIr3.85e-05<PIrth<minplv1.00e+20

14491 loo4gibbs-ar fn:../mineishi/text-indepdata.dat ns:5 ntx:10:10 pmin:0.0 pth:.9999 ith:4 ts:4:0 lill tdisps:f fnt:4s.6fil ppr:-9 void:11.le-4 gibbs:0 mex:-1 l4492 #vlmex0 response time steps=7.48=(7.80+6.20+8.60+8.20+6.60+)/5, (fp+Pp)/All=(0+0)/25 Exr:none #maxpI Err:none#maxPI r5.01e-05<PIrthcminDIV6.73e-03 14493 #vlmex1 response time steps=7.88=(7.80+7.40+8.20+8.20+7.80+)/5, (fp+FP)/All=(0+0)/25 Err:none

14495 #vlmex3 response time steps=7.32=(7.20+7.20+8.80+6.40+7.00+)/5, (fp+FP)/All=(0+0)/25 Err:none #maxPI r3.37e-05cPIrthcminPIv1.14e-03 #vlmex4 response time steps=6.32=(5.80+5.20+6.20+7.60+6.80+)/5, (fp+FP)/All=(0+0)/25 Err:none #maxPl r3.37e-05<PIrth<minPIv1.11e-03 14496 14497

(7.48+7.88+7.48+7.32+6.32)/5"|gnuplot #7.296 echo "print (7.48+7.88+7.48+7.32+6.32)/5"|gnuplot #7echo "print (5.01e-5+4.1e-4)/2"|gnuplot #0.00023005 14498 14499

#max 14501 #loo4gibbs-sr fn:../mineishi/text-indepdata.dat ns:5 ntx:5 ntxi:10:10 pmin:0.0 pth:.9999 ith:4 to 0:31:2 tdisp:4 fmt:%.sfil pNr:.9 void:1:1e-4 gibbs:0 mex:-1 14502 ##vlmex0 response time steps=7.48=(7.80+6.20+8.60+8.20+6.60+)/5, (fp+Fp)/All=(0+0)/25 Err:none ppr:.01e-05*prthaminpTv6.78=-03

14503 14504

14505 #NGloo4gibbs-sr fn:../mineishi/text-indepdata.dat ns:5 ntx::10:10 pmin:0.0 pth:.999 ith:4 ts:4 s:13:12 tdisp4.fmis.8f:1pvr:9 void:11:le-4 gibbs:0 mex:0 mex:0 fibrs:0 mex:0 fibrs:0 mex:0 fibrs:0 mex:0 fibrs:0 fibrs:0

14507 #NG#vlmex1 response time steps=6.72=(6.00+6.20+8.00+6.80+6.60+)/5, (fp+FP)/All=(1+0)/25 Err:IDm2sLt4 #maxPfr3.73e-05<PfrthcminpTv4.19=-02
14508 #NG#vlmex2 response time of the content of the cont

14508 #NG#Vlmex2 response time steps=6.6=(6.00+6.00+8.80+6.40+5.80+)/5, (fp+FP)/All=(0+0)/25 Err:none #maxPlr3.43e-06<Plrthcminplv4.10e-04

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#NG#vlmex3 response time steps=6.32=(5.60+5.80+8.00+5.80+6.40+)/5, (fp+Fp)/All=(0+0)/25 Err:none #maxPIr3.37e-05<PIrth<minPIv1.14e-03

#NG#vlmex4 response time steps=5.32=(5.20+4.00+5.40+6.40+5.60+)/5, (fp+FP)/All=(0+0)/25 Err:none #maxPIr3.37e-05<PIrth<minPIv1.11e-03

#NGecho "print (6.2+6.72+6.6+6.32+5.32)/5"|gnuplot #6.232

14513 loo4gibbs-sr fn:../mineishi/text-indepdata.dat ns:5 ntx:5 ntxi:10:10 pmin:0 beta:1 pth:.61 ith:4 ts:
10.3:1.5 ctdisp:4 fmit*.3ft ppr::9 void:1:.41 pbps:1 mexp:
14514 #Vnlmex-1 response time speps=5.64=(5.0044.660+7.20+6.00+5.40+)/5, (fp+pp)/All=(0+0)/25 Exr:none#maxpI #maxPI 14515 #vlmex0 response time steps=6.4=(6.20+5.80+7.00+8.80+4.20+)/5, (fp+FP)/All=(0+0)/25 Err:none r3.62e-01<PIrth<minPIv1.00e+20 4:0:3:1:2

r3.72e-01<PIrth<minPIv6.06e-01

#maxPI (fp+FP)/All=(0+0)/25 Err:none #maxPI 14516 #vlmex1 response time steps=6.84=(6.40+5.80+8.20+7.60+6.20+)/5, (fp+FP)/All=(0+0)/25 Err:none r2.84e-01cPIrth-minPIV4.58e-01 14518 #vlmex3 response time steps=5.8=(5.40+5.80+7.20+5.40+5.20+)/5, (fp+FP)/All=(0+0)/25 Err:none

14519 #vlmex4 response time steps=5.28=(5.60+4.00+4.60+6.80+5.40+)/5, (fp+PP)/All=(0+0)/25 Err:none #maxPl x.57e-0.0-prithshinhiv5.0ee-0.145.8+6.24+5.8+5.28)/5" | gnuplot #6.112 r3.57e-01<PIrth<minPIv5.08e-01

14522 #loo4gibbs-sr fn:./mineishi/text-indepdata.dat ns:5 ntx::10:10 pmin:0 beta:1 pth:.71 ith:4 ts:14:0:3:12 tdisp:4 fmt:%.3f:1 pNr:.9 void:1:.41 gibbs:1 mex:0
14523 ##vlmexO response time steps=7.72=(7.40+6.00+8.80+7.60+)/5, (fp+Fp)/All=(0+0)/25 Err:none #maxD
145.72 ##vlmexO response time steps=7.4=(7.80+6.00+8.80+7.60+6.60+)/5, (fp+Fp)/All=(0+0)/25 Err:none #maxD
145.24 ##vlmexI response time steps=7.4=(7.80+6.20+9.00+6.40+7.40+)/5, (fp+Fp)/All=(0+0)/25 Err:none #maxD
145.25 ##vlmexZ response time steps=7.28=(7.40+6.20+9.00+6.40+7.40+)/5, (fp+Fp)/All=(0+0)/25 Err:none #maxD
145.26 ##vlmexZ response time steps=6.8=(6.60+6.20+9.00+6.40+7.40+)/5, (fp+Fp)/All=(0+0)/25 Err:none #maxD
145.26 ##vlmexZ response time steps=6.8=(6.60+6.20+9.00+6.40+7.40+)/5, (fp+Fp)/All=(0+0)/25 Err:none #maxD

14531 loo4gibbs-sr fn:../mineishi/text-indepdata.dat ns:5 ntx:5 ntxi:10:10 pmin:0 beta:1 pth:.61 ith:4 ts: 4:0:3:1.2 tdisp:4 fmt:%.3f:1 PNr:.9 void:1:.41 gibbs:1 mex:1 ht532 loo4gibbs-sr fn:.,mineishi/text-indepdata.dat ns:5 ntx:5 ntxi:10:20 pmin:0.0 pth:.9999 ith:4 ts:4:0 13:1:2 tdisp:4 fmt:% 6f:1 PNr:9 void:1:1e-4 gibbs:0 mex:1 14533 #loo4gibbs-sr fn:.,mineishi/text-indepdata.dat

14533 #loo4gibbs-sr fn:../mineishi/text-indepdata.dat ns:5 ntx:5 ntxi:10:10 pmin:0.0 pth:.9999 ith:4 ts:4:0 0:3:1.2 tdisp:4 fmt:8.8F:1 PNr:.9 void:1:1e-4 gibbs:0 mex:1 14534

14535 use tdisp:4 m2s1t4 because the result of pth:.99(gibbs:0) and pth:.60(gibbs:1)
14536 loogdibbs=xr fin:./minstahl/text-indeptata.dat ns:5 ntx:5 ntx:110:10 pmin:0.0 pth:.99 ith:4 ts:4:0:3
13.12 tdisp:4 fmt:4.8f:1 pptr:9 void:1:1e-4 gibbs:0 mex:1
14537 #vlmex1 response time steps=5.4=(5.004.60+5.80+5.00+)/5, (fp+FP)/All=(1+0)/25 Err:IDm2s1t4 #ma

14538 loo4gibbs-sr fn:../mineishi/text-indepdata.dat ns:5 ntx:5 ntxi:10:10 pmin:0 beta:1 pth:.60 ith:4 ts: 14539 #vlmex1 response time steps=6.68=(6.40+5.80+7.80+7.60+5.80+)/5, (fp+PP)/All=(1+0)/25 Err:IDm2s1t4 #m 14540

print 0.41**(2),"=0.1681" 14541

14542 loo4gibbs-sr fn:../mineishi/text-indepdata.dat ns:5 ntx:5 ntxi:10:10 pmin:0 beta:2 pth:.85 ith:4 ts: 4:0:31:2 tdisp:4 fmt:8.3f:1 pNr:.9 void:11:.17 gibbs:1 mex:-1 tdisp:4 fmt:8.3f:1 pNr:.9 void:11:.17 gibbs:1 mex:-1 tfs43 #Vimex-1 response time steps=5.36=(4.80+4.80+7.00+6.00+4.20+)/5, (fp+Fp)/All=(0+0)/25 Exr:none #maxP Iri.31e-01xPirch/minPIVI.00e+20 m#

m# ## ## # 14544 #Vlmex0 response time steps=6=(6.20+4.60+7.00+8.20+4.00+)/5, (fp+FP)/All=(0+0)/25 Err:none axPII.38e-01cPIrthcarpii.38e-01cPIrthcarpii.38e-01cPIrthcarpii.38e-01cPIrthcarpii.38e-01cPIrthcarpii.38e-01cPIrthcarpii.38e-01cPIrthcarpii.39e-01cPIrthcarpii.30e-01cPIrthcarpii.30e-01cPIrthcarpii.30e-01cPIrthcarpii.30e-01cPIrthcarpii.30e-01cPIrthcarpii.30e-01cPIrthcarpii.30e-01cPIrthcarpii.30e-01cPIrthcarpii.30e-01cPIrthcarpii.30e-01cPIrthcarpii.30e-01cPIrthcarpii.30e-01cPIrth axPIr8.07e-02<PIrthcminPIv2.10e-01
14547 #Vlmax2 response time steps=5.44=(4.20+4.80+7.60+5.40+5.20+)/5, (fp+Fp)/All=(0+0)/25 Err:none
axPIr1.27e-01cPIrthcminPIv2.58e-01
14548 #Vlmex4 response time steps=4.8=(5.40+4.00+4.60+6.00+1)/5, (fp+Fp)/All=(0+0)/25 Err:none

echo "print (6+6.52+5.4+5.4+4.8)/5"|gnuplot #5.632 axPIr1.27e-01<PIrth<minPIv2.56e-01 14549

print 0.41**(4),0.02825761 14551

14552 loo4gibbs-sr fn:./mineishl/text-indepdata.dat ns:5 ntx:5 ntxi:10:10 pmin:0 beta:4 pth:.98 lth:4 40:3:1:2 tdisp://drin.pri.1 pri:-y void:1:.028 gibbs:1 hex:-1 14553 #vlmex-1 response time steeps=5.32-(4.80-4.80-4.80-4.00-1)/5, (fp+Fp)/All=(0+0)/25 Exr:none #m

ts:

#maxP

#maxP #maxP Iri.72e-02<PIrth<minpIv1.00e+20 14554 #vlmex0 response time steps=5.32=(5.60+4.80+5.80+6.40+4.00+)/5, (fp+FP)/All=(0+0)/25 Err:none Irl.91e-02<PIrth<minPIv1.35e-01

#maxP 14555 #vlmexl response time steps=6.08=(5.20+4.80+7.60+7.60+5.20+)/5, (fp+Fp)/All=(0+0)/25 Err:none Irl.60=-02*Plrth
*minPlv2.81=-01
14556 #vlmexz response time steps=5.52=(5.00+4.80+7.60+6.20+4.00+)/5, (fp+Fp)/All=(0+0)/25 Err:none Irr6.52=-03*Plrth
*minPlv4.41=-02 щ#

steps=6.88=(6.60+5.80+8.20+7.60+6.20+)/5, (fp+FP)/All=(0+0)/25 Err:none

axPIr6.01e-01<PIrth<minPIv8.53e-01

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14574 loo4gibbs-sr fn:../mineishi/text-indepdata.dat ns:5 ntx:5 ntxi:10:10 pmin:0 beta:1 pth:.61 ith:4 ts: 4:0:3:1:2 tdisp:4 fnt:%.3f:1 PNr:.9 void:1 gibbs:1 mex:-1 14575 #vlmex-1 response time steps=5.64=(5.00+4.60+7.20+6.00+5.40+)/5, (fp+Fp)/All=(0+0)/25 Err:none #max
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PIX3.72e-01<PIXth<minply6.06e-01
14577 #vlmex1 response time steps=6.84=(6.40+5.80+8.20+7.60+6.20+)/5, (fp+FP)/All=(0+1)/25 Err:IDm2slt4 #m
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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(50+7.50+7)7. (fp-FP)/All=(0+0)/25 Exr:none #maxpI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             14592 loo4gibbs-sr fn:../mineishi/text-depdata2.dat ns:5 ntx:5 ntxi:10:10 pmin:0.0 beta:0.5 pth:.46 ith:4 ts:4:0:3:1:2 tdisp:4 fmt:8.3:1 pNr:.9 void:11:.64 gibbs:1 mex:-1 #pth:.64 for mex4 tseponse time steps=5.24=(4.40+4.00+8.20+5.60+4.00+)/5, (fp+Fp)/All=(0+0)/25 Err:none #maxP Ir5.26=0.1eptrth/minPIVI.00e+20
                                                 #maxP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            loo4gibbs-sr fn:../mineishi/text-indepdata.dat ns:5 ntx:5 ntxi:10:10 pmin:0 beta:1 pth:.61 ith:4 ts:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         #maxPI at tEND での結果 mex1で,m2のPIが大きいのでvoidの反応を高くする必要がある→PNr調整(Version1)→
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 #vlmex4 response time steps=6.52=(5.80+5.20+6.20+7.20+8.20+)/5, (fp+Fp)/All=(0+0)/25 Err:none #maxPl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                14566 loo4gibbs-sr fm...minelshi/text-indepdata.dat ns:5 ntx:5 ntxi:10:10 pmin:0 beta:1 pth:.61 ith:.4:0:31:2 tdisp:4 fmt:%.3f:1 pNr:.9 void:1:.41 gibbs:1 mex:-1 14567 #vlmex-1 response time steps=5.64=(5.00+4.60+7.20+6.00+5.40+)/5, (fp+Fp)/All=(0+0)/25 Exr:none pr:3.62e-01-ePrthamingTv1.00e+20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     14587 #vlmex1 response time steps=7.28=(7.60+6.00+8.80+7.60+6.40+)/5, (fp+FP)/All=(0+0)/25 Err:none ref.01e-01.ePrrthcminF1v8.53e-01.14588 #vlmex2 response time actions time actions to the steps of the step of the ste
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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14557 #vlmex3 response time steps=5.44=(4.20+4.80+7.60+5.40+5.20+)/5, (fp+FP)/All=(0+0)/25 [rl.63e-02<Plrthcminplv6.65e-02
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14600 loo4gibbs-sr fn:../mineishi/text-indepdata.dat ns:5 ntx:5 ntxi:10:10 pmin:0.0 beta:0.5 pth:.42 ith:4 \$1.54.0:11.2 tdisp:4 fmt.% 15.11 phr:-9 void:11.64 gibbs:1 mex:-1 #use case tdisp:4 mex:1 for speech s1.<--s carch with pth:.41 mex:1 #maxPir.67 cmin:Piv.677

14602 #Vlmex0 response time steps=6.92=(6.40+5.80+8.00+8.80+5.60+)/5, (fp+FP)/All=(0+0)/25 Err:none axPIr6.10e-01<PIrthcminPIv7.79e-01

14601 #vlmex-1 response time steps=6.6=(5.60+4.80+8.80+6.40+7.40+)/5, (fp+Fp)/All=(0+0)/25 axPlr6.02e-01-prrthcminPlv1.00e+20

14598 #vlmex4 response time steps=5.44=(5.20+5.20+5.40+6.20+5.20+)/5, (fp+FP)/All=(0+0)/25 Err:none Ir3.92e-01<PIrthcminPIv9.01e-01

14599

##

readmecan2mspeech.txt Jun 19 2021 08:15:37 # m# # # xPIr5.98e-01cPIrthcminPIv7.12e-01 14617 #beta:2℃の結果 much faater 14618 loo4gibbs-rr fr.../mineishi/text-indepdata.dat ns:5 ntx:5 ntxi:10:10 pmin:0 beta:2 pth:.85 ith:4 ts: 4:0:3:1.2 tdiap:4 fmt:%, 3f:1 pNr:.9 void:1:.18 gibbs:1 mex:-1 14619 #vlmex-1 response time steps=5.36=(4.80+4.80+7.00+6.00+4.20+)/5, (fp+Pp)/All=(0+0)/25 Err:none #m ## ## # ## m# ## ## # **#** # m# m# # ## ## ## ## u# # m# ## 14610 loo4glbbs-sr fn:./mineishi/text-indepdata.dat ns:5 ntx:5 ntxi:10:20 pmin:0.0 beta:0.5 pth:.42 ith:4 tes4:0:31.2 tdisp3 fmt.*3 fil pWt.-9 voidil:165 glbbs:lmx:-1 lex:11 expt.-17 propose time steps=6.76=(5.60+8.80+13.60+10.40+9.40+)/5, (fp+FP)/All=(0+0)/25 Brr:none #ma #ma 14642 loo4gibbs-sr fn:../mineishi/text-indepdata.dat ns:5 ntx:5 ntxi:10:20 pmin:0.0 pth:.99 ith:4 ts:4:0:3 loo4gibbs-sr fn:../mineishi/text-indepdata.dat ns:5 ntx:5 ntxi:10:10 pmin:0.0 pth:.999 ith:4 ts:4:0: #vlmex1 response time steps=8.16=(7.80+7.40+8.20+8.20+9.20+)/5, (fp+Fp)/All=(1+0)/25 Err:IDm2s1t4 14613 #vlmex1 response time steps=9.28=(8.60+7.80+10.20+11.60+8.20+)/5, (fp+FP)/All=(0+0)/25 Err:none xPlr6.01e-01cplrthrthrthrth14614 #vlmex2 response time steps=8.52=(8.40+7.80+10.20+8.00+8.20+)/5, (fp+FP)/All=(0+0)/25 Err:none 3:1:2 tdisp:3 fmt:%.8f:1 PNr:.9 void:1:1e-4 gibbs:0 mex:1 14656 #Vlmex-1 response time reps=7.16=(7.20+6.00+8.80+7.20+6.60+)/5, (fp+Fp)/All=(0+0)/25 Err:none axpr:3.6e-05-FirtheminPlv1.00e+20 :1:2 tdisp:3 fmt:%.8f:1 PNr:.9 void:1:16-8 gibbs:0 mex:4
14643 #vlmex-1 response time steps=7.36=(7.20+6.00+9.80+7.20+6.60+)/5, (fp+FP)/All=(0+0)/25 Err:none 14646 #vlmex2 response time steps=8.44=(7.00+7.00+12.80+9.00+6.40+)/5, (fp+Fp)/All=(0+0)/25 Err:none axprir.18e-lizePitchkminTVi.68e-3.73=(7.20+7.20+9.80+8.40+9.00+)/5, (fp+Fp)/All=(0+0)/25 Err:none 14647 #vlmex3 response time steps=8.32=(7.20+7.20+9.80+8.40+9.00+)/5, (fp+Fp)/All=(0+0)/25 Err:none 14639 #vlmex2 response time steps=7.48=(7.00+7.00+10.00+7.00+6.40+)/5, (fp+FP)/All=(0+0)/25 Err:none axPIr3.43e-06<PIrthcminPIv4.10e-04 14628 #vlmex0 response time steps=7.2=(6.20+4.60+9.00+12.20+4.00+)/5, (fp+FP)/All=(0+0)/25 Err:none axprir.18e-01-cyrthk-minry3.68e-01-14621 #vlmex1 response time steps=6.52=(5.20+6.00+7.60+6.20+)/5, (fp+FP)/All=(0+0)/25 Err:none axPTx1.30=-01-PIrrhaminPTv5.30=-01
14622 #vlmex2 response time steps=6.52=(5.20+6.00+7.60+6.20+)/5, (fp+FP)/All=(0+0)/25 Err:none 14605 #vlmex3 response time steps=6.12=(5.60+5.80+7.60+5.40+6.20+)/5, (fp+Fp)/All=(0+0)/25 Exr:none axplf5.98e-01-Plrthcminply7.13e-01 14606 #vlmex4 response time steps=5.56=(5.60+4.00+6.00+6.80+5.40+)/5, (fp+Fp)/All=(0+0)/25 Exr:none axplf5.98e-01-Plrthcminply7.12e-01 --0.64 14623 #vlmex3 response time steps=5.44=(4.20+4.80+7.60+5.40+5.20+)/5, (fp+FP)/All=(0+0)/25 Err:none axPIrl.27e-01<PIrthcminPIv2.58e-01 14631 #vlmex3 response time steps=6.64=(4.20+4.80+9.60+7.40+7.20+)/5, (fp+FP)/All=(0+0)/25 Err:none axPIrl.27e-01<Pirth<minplv2.58e-01 14637 #vlmex0 response time steps=7.48=(7.80+6.20+8.60+8.20+6.60+)/5, (fp+FP)/All=(0+0)/25 Err:none axPIr5.01e-05<PIrth<pre>caxPIr5.01e-05<PIrth</pre> 14640 #vlmex3 response time steps=7.32=(7.20+7.20+8.80+6.40+7.00+)/5, (fp+FP)/All=(0+0)/25 Err:none axPIr3.37e-05<PIrth<minplv1.14e-03 14641 #vlmex4 response time steps=6.32=(5.80+5.20+6.20+7.60+6.80+)/5, (fp+FP)/All=(0+0)/25 Err:none axpIr3.37e-05<PIrth<pre>cminplu1.11e-03 1e-4 14644 #vlmex0 response time steps=7.68=(7.80+6.20+9.60+8.20+6.60+)/5, (fp+FP)/All=(0+0)/25 Err:none axPIr2.51e-09<PIrth<pre>cminply4.53e-05 #vlmex3 response time steps=8.12=(7.60+7.80+9.60+7.40+8.20+)/5, (fp+Fp)/All=(0+0)/25 Err:none 14616 #vlmex4 response time steps=7.16=(7.60+4.00+8.00+8.80+7.40+)/5, (fp+Fp)/All=(0+0)/25 Err:none #vlmex2 response time steps=6.44=(5.00+8.00+7.00+8.20+4.00+)/5, (fp+FP)/All=(0+0)/25 Err:none 14654 #Vlmax4 response time steps=4.8=(5.40+4.00+4.60+6.00+4.00+)/5, (fp+FP)/All=(0+0)/25 Err:none axPIrl.27e-01cPIrthcminplv2.56e-01 14625 #beta:2, ntxi:10:20 での結果 14632 #Vimex4 response time steps=5.2=(5.40+4.00+4.60+8.00+4.00+)/5, (fp+FP)/All=(0+0)/25 Err:none axPIrl.27e-01<PIrth<minply2.56e-01 (fp+FP)/All=(0+0)/25 #v1mex2 response time steps=6.52=(6.40+5.80+8.20+6.00+6.20+)/5, #vlmex1 response time steps=7.88=(7.80+7.40+8.20+8.20+7.80+)/5, axPIr1.31e-01<PIrth<minPIv1.00e+20 axPIr8.07e-02<PIrth<minPIv2.10e-01 axPIr1.31e-01<PIrth<minPIv1.00e+20 axPIr3.73e-05<PIrth<minPIv4.19e-02 axPIr1.39e-09<PIrth<minPIv1.75e-03 axPIr5.33e-01<PIrth<minPIv6.77e-01 axPIr1.30e-01<PIrth<minPIv5.30e-01 axPIr8.07e-02<PIrth<minPIv2.10e-01 axPIr1.48e-09<PIrth<minPIv1.00e+20 14611 #vlmex-1 response time ste xPIr6.02e-01<PIrth<minPIv1.00e+20 xPIr5.98e-01<PIrth<minPIv7.13e-01 xPIr6.10e-01<PIrth<minPIv7.79e-01 xPIr5.33e-01<PIrth<minPIv6.77e-01 #ntxi:10:20での結果 #gipps:0での結果 14615 14638 14630 14635

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14655 (1) PITCH は PISecondmax/PImax (Version2,Version3で利用) without void
14656 #Nethloogibbe-sr fm:./mineishly/text-indepdata.dat ns:5 ntx:10:10:10 pmin:0.0 beta:0.5 pth:.54 i
th:4 ts:4:00:31:2 tdisp:3 fm:8.3f:1 PNr: 9 void:0:6 gibbs:1 mex:4 #maxPir6.12 > inPIv6.07
14657 #V0mex-1 response time steps=6.84 (5.60+4.60+8.80+7.60+7.5, (EprFp)/Alle(0+0)/25 Exr:none #m
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       14658 #v0mex0 response time steps=6.96=(6.20+5.40+7.00+8.80+7.40+)/5, (fp+Fp)/All=(0+1)/25 Err:lDm5slt3 #m axPlr6.12e-01<PIrthCminPlv7.79e-01
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14672 #vOmex-1 response time steps=10=(10.00+10.00+10.00+10.00+10.00+)/5, (fp+Fp)/All=(0+0)/25 Exr:none #m
                                                                                                           #
#
                                                                                                                                                                                                                                                                                                                                                                                                                                                          14651 ######## Version3 NG for ICONIP2012 with Pirth and usevoid:0
14652 loo4gibbs-sr fn:./minsishi/text-indepdata.dat ns:5 ntx:5 ntx:10:10 pmin:0 beta:1 pth:.66 ith:4 ts:
4:00:3:1:2 tdisp:4 fmt:8.3F:1 pNr:.9 void:0:.41 gibbs:1 mex:-1
14653 #VOMex-1 response time steps=4.48=(4.40+4.00+4.00+4.00+).5, (fp+Fp)/All=(0+0)/25 Exr:none #maxP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ##
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 $\mathtt{steps} = \mathtt{10} = (\mathtt{10.00} + \mathtt{10.00} +$

readmecan2mspeech.txt

Jun 19 2021 08:15:37

#maxPIr4.35e-06<PIrth<minpIv9.84e-04

ith:10 ts:4:0:3:1:2 tdisp:3 fmt:8.3f:1 PNr:8:9:9:8:5:8 void:0:35 gibbs:1 mex:-1 response time steps=6.68=(6.60+4.60+8.60+6.40+7.20+)/5; (fp+FP)/All=(0+0)/25 Err:none #maxp Irz.91e-01
PIRZ.91e-01
PIRZHAGMINFIVI.00e+20 f=../mineishi/text-indepdata.dat;loo4gibbs-sr fn:\$f ns:5 ntx:5 ntxi:10:10 pmin:0.0 beta:1.0 pth:.83 14698 #v0mex0 response time steps=7.44=(7.60+5.60+7.60+8.80+7.60+)/5, (fp+FP)/All=(0+0)/25 Err:none

#maxP Err:IDm4s1t3 #v0mex2 response time steps=6.96=(7.80+5.60+9.80+5.20+6.40+)/5, (fp+Fp)/All=(0+0)/25 Err:none Ir3.36e-01<PIrth<minPIv5.56e-01

r2.91e-01<PIrth<minPIv5.00e-01 14703

14706 #vOmexo response time steps=10=(10.00+10.00+10.00+10.00+1)/5, (fp+FP)/All=(0+3)/25 Err:IDmlsOtO IndlsOt2 IndlsOt2 IndlsOt3 ## 14704 f=../mineishi/text-lindepdata.dat;loo4gibbs-sr fn:\$f ns:5 ntx:5 ntxi:10:10 pmin:0.0 beta:1.0 pth:.83 thit ts:40:31:12 ctdisp:3 fm:*3.51:1 pkr:.81:5:8 void:0:.60 gibbs:1 mex:-1 14705 ff word:1 response time streps:10=(10.00+10.00+10.00+10.00+10.00+).5, (fp+fp)/All=(0+0)/25 Brx:none #m axPIr2.91e-01<PIrth<minPIv1.00e+20

Err:IDmls3t2 14709 #v0mex3 response time steps=10=(10.00+10.00+10.00+10.00+10.00+)/5, (fp+Fp)/All=(0+3)/25 IDm2s3t3 IDm2s3t4 #maxPIr2.78e-01-PIrth<minpIv3.96e-01 14710 #v0mex4 response time steps=10=(10.00+10.00+10.00+10.00+10.00+)/5, (fp+FP)/All=(0+1)/25 #maxPIr2.91e-01<PIrth<minpIv5.00e-01

14712 f=../mineishi/text-indepdata.dat;loo4gibbs-sr fn:\$f ns:5 ntxi:10:10 pmin:0.0 beta:0.5 pth:.83 tht4 ts:41:03:11:2 fdsps:3 far:4 fs:41:1 pmin:0.0 peta:0.5 pth:.83 print fs:41:1 pmin:0.0 peta:0.5 pth:.83 print fs:41:1 pmin:0.5 print fs:41:1 pmin:0.5 pmin:0.5 pth:.83 pmin:0.5 pmin:0.5 pth:.83 pmin:0.5 pmin 14717 #v0mex3 response time steps=9.04=(8.80+8.80+10.00+10.00+7.60+)/5, (fp+FP)/All=(0+0)/25 Err:none maxPIr5.27e-01<PIRTH< 14714 #v0mex0 response time steps=8.8=(8.80+7.60+10.00+10.00+7.60+)/5, (fp+FP)/All=(0+0)/25 Err:none maxPlr5.80e-01<Planeth maxPIr5.39e-01<PIrth<minPIv1.00e+20

14722 f=...mineishi/text-indepdata.datiloo4gibbs-sr fn:\$f ns:5 ntxi:10:10 pwin:0.0 beta:0.5 pth:83 ith:4 ts:4:0:3112 tdisp:3112 tdisp:3 fmr:8; 3f:1 pwr:8:9:8.5:8 void:0:.60 gibbs:1 mex:-1
14723 #vomex-1 response time steps=9.76=(10.00+10.00+10.00+10.00+8.80+1)5, (fp+Fp)/All=(0+0)/25 Err:none
14724 #vomex0 response time steps=8.6(8.80+7.60+10.00+10.00+7.60+1)5, (fp+Fp)/All=(0+0)/25 Err:none
14725 #vomex1 response time steps=9.28=(8.80+10.00+10.00+0.80+1)5, (fp+Fp)/All=(0+0)/25 Err:none
14725 #vomex2 response time steps=9.28=(10.00+8.80+10.00+10.00+7.60+7)5, (fp+Fp)/All=(0+0)/25 Err:none
14727 #vomex2 response time steps=9.28=(10.00+8.80+10.00+10.00+7.60+7)5, (fp+Fp)/All=(0+0)/25 Err:none
14727 #vomex3 response time steps=9.28=(8.80+8.80+10.00+10.00+7.60+7)5, (fp+Fp)/All=(0+0)/25 Err:none $\# v0mex3 \text{ response time steps=9.04=(8.80+8.80+10.00+10.00+7.60+)/5, (fp+FP)/All=(0+0)/25 \text{ } \text{$Exr:none-$\#v0mex4$ response time steps=9.52=(8.80+8.80+10.00+10.00+10.00+)/5, (fp+FP)/All=(0+0)/25 \text{ } \text{$Exr:none-$\#v0mex4$ response time steps=9.52=(8.80+8.80+10.00+10.00+10.00+)/5, (fp+FP)/All=(0+0)/25 \text{ } \text{$Exr:none-$\#v0mex4$ response time steps=9.80+10.00+1$

14728 #v0mex4 response time steps=9.52=(8.80+8.80+10.00+10.00+10.5) (fp+PP)/All=(0+0)/25 Err:none 14729 ### Pll/PpD | 14730 ff ## Pl ma #v0mex-1 response time steps=10=(10.00+10.00+10.00+10.00+10.00+)/5, (fp+FP)/All=(0+0)/25 Err:none is possible 14731 #v0me

ma ma ma ma 14736 #v0mex4 response time steps=10=(10.00+10.00+10.00+10.00+10.00+)/5, (fp+FP)/All=(0+0)/25 xPir=53t2 minPlv=71t2 steps=10=(10.00+10.00+10.00+10.00+10.00+)/5, (fp+FP)/All=(0+0)/25 xPIr=58t4 minPIv=75t2 14733 #v0mex1 respor xPIr=54t4 minPIv=75t3 xPIr=54t4 14732 #v 14734

#v0mex-1 response time steps=5.88=(6.0044.40+8.60+4.20+6.20+)/5, (fp+Fp)/All=(0+0)/25 Err:none #v0mex0 response time steps=6.04=(6.00+5.40+6.60+5.80+6.40+)/5, (fp+Fp)/All=(0+0)/25 Err:none #v0mex1 response time steps=5.4=(6.00+5.60+6.80+4.00+4.60+)/5, (fp+Fp)/All=(2+0)/25 Err:IDm4slt3 IDm response time steps=5.6=(6.00+5.60+7.20+4.00+5.20+)/5, (fp+FP)/All=(1+0)/25 Err:IDm2s2t3 response time steps=5=(5.20+5.40+6.40+4.00+4.00+)/5, (fp+FP)/All=(2+0)/25 Err:IDm2s3t3 IDm2s #v0mex2 #v0mex3 14738

#v0mex4 response time steps=6.36=(5.60+5.20+8.40+5.20+7.40+)/5, (fp+FP)/All=(0+0)/25 Err:none

14761 #v0mex4 response time steps=20=(20.00+20.00+20.00+)/5, (fp+FP)/All=(0+0)/25 Err:none maxpr=54t4 minply=58t2 14762 14763 ### PII/PIO ntx:5 ntxi:10:20 pmin:0.0 beta:0.5 pth:.51 is possible 14746 #vOmex-1 response time steps=20=(20.00+20.00+20.00+20.00+)/5, (fp+FP)/All=(0+0)/25 Err:none ma ma ma ma ma 14755 f=../mineishi/text-indepdata.dat;loo4gibbs-sr fn:\$f ns:5 ntxi:10:20 pmin:0.0 beta:0.5 pth::51 hill to ts:40:31:12 cdisps: fn:\$f. fn:8:8:8:5:8 void:0:.60 gibbs: mex:-1 14756 #v0mex-1 response time steps=20=(20.00+20.00+20.00+20.00+)/5, (fp:FP)/All=(0+0)/25 Brr:none ma ша ma ma ша ma #vomex0 response time steps=20=(20.00+20.00+20.00+20.00+20.00+)/5, (fp+FP)/All=(0+1)/25 Exr:IDm5slt3Err:IDm5s1t3 (fp+FP)/All=(0+1)/25 Err:IDm5slt3 Err:none ma 14764 f=../mineishi/text-indepdata.dat;loo4gibbs-sr fn:\$f ns:5 ntx:5 ntxi:10:20 pmin:0.0 beta:0.5 pth:.51 ith:100 ts:4:0:3:1:2 tdisp:3 fmt:%.3f:1 PNr:.8:.8:.8:.8 void:0:.60 gibbs:1 mex:-1 14765 #v0mex-1 response time steps=20=(20.00+20.00+20.00+20.00+)/5, (fp+FP)/All=(0+0)/25 Erx:none f=../mineishi/text-indepdata.dat.loo4gibbs-sr fn:%f ns:5 ntx:5 ntxi:10:20 pmin:0.0 beta:0.5 pth:.51 ts:4:0:3:1:2 tdisp:3 fmt:%.3f:1 pNr:.8:.9:.9:.8:.8 void:0:.60 gibbs:1 mex:-1 #v0mex-1 response time steps=20=(20.00+20.00+20.00+20.00+)/5, (fp+FP)/All=(0+0)/25 Err:none 14785 f=../mineishi/text-indepdata.dat;loo4gibbs-sr fn:\$f ns:5 ntx:5 ntx:110:20 pmin:0.0 beta:0.5 pth:.51 ith:100 ts:4:0:3:1:2 tdisp:3 fmt:%.3f:1 PNr:.8:.9:.9:.9:.8:.8 void:0:.70 gibbs:1 mex:-1 14786 #v0mex-1 response time steps=20=(20.00+20.00+20.00+20.00+)/5, (fp+FP)/All=(0+0)/25 Err:none ms 14769 f=../mineishi/text-indepdata.dat.loo4glbbs-sr fn:\$f ns:5 ntx:5 ntxi:10:20 pmin:0.0 beta:0.5 pth:.51 ifh:100 tes4(0:31.12 čdispa) fmt*8.fg; 11 ppr:.81 sp:.9:.8:9 vd40:0.60 glbbs.l mex:-1 mex:-1 fg; 1770 #V0mex-1 response time steeps=20=(20:00+20:00+20:00+20:00+20; (00+3) fs, (fp+FP)/All=(0+0)/25 Err:none 14757 #vOmexO response time steps=20=(20.00+20.00+20.00+20.00+)/5, (fp+FP)/All=(0+0)/25 Err:none xPrE-SER# MiniPt-75t.3
14758 #vOmexI response time steps=20=(20.00+20.00+20.00+20.00+)/5, (fp+FP)/All=(0+0)/25 Err:none 14750 #vOmex3 response time steps=20=(20.00+20.00+20.00+20.00+)/5, (fp+FP)/All=(0+0)/25 Err:none x2Pz=52Pz minptvo63t4 14751 #vOmex4 response time steps=20=(20.00+20.00+20.00+20.00+)/5, (fp+FP)/All=(0+0)/25 Err:none x14751 #vOmex4 response time x14751 #vOmex4 response time x14751 #vOmex4 response time x14751 #vOmex4 response time x14750 #vOmex4 response time x14 14751 #v0mex4 response time steps=20=(20.00+20.00+20.00+20.00+)/5, (fp+FP)/All=(0+0)/25 Err:none xFIr=54t4 minpIv=71t1 14788 #vOmex1 response time steps=20=(20.00+20.00+20.00+20.00+20.00+)/5, (fp+FP)/All=(0+0)/25 Err:none xPIr=59t3 minPIV=87t1 $\# vomex0 \text{ response time steps} = 20 = (20.00 + 20.00 + 20.00 + 20.00 + 20.00 + 30.00 +)/5, \quad (fp+Fp)/All = (0+0)/25 \text{ Err:none} = (20.00 + 20.00 + 20.00 + 20.00 + 30.00$ (fp+FP)/All=(0+0)/25 Err:none 14783 #v0mex4 response time steps=20=(20.00+20.00+20.00+20.00+)/5, (fp+FP)/All=(0+0)/25 Err:none maxPir=5993 minpIv=71t2
14784 ### PII/PIO (fp+FP)/All=(0+0)/25 Err:none (fp+FP)/All=(0+0)/25 Err:none (fp+FP)/All=(0+0)/25 Err:none (fp+FP)/All=(0+0)/25 Err:none (fp+FP)/All=(0+0)/25 Err:none (fp+FP)/All=(0+0)/25 Err:none 14775 #v0mex4 response time steps=20=(20.00+20.00+20.00+20.00+20.00+)/5, (fp+FP)/All=(0+0)/25 Err:none maxPIr=59t3 minpIv=71t2 (fp+FP)/All=(0+0)/25 Err:none (fp+FP)/All=(0+0)/25 Err:none (fp+FP)/All=(0+1)/25 14745 f=../mineishi/text-indepdata.dat/loo4gibbs-sr fn:\$f ns:5 ntx:5 ntxi:10:20 pmin tth:100 ts:4:0:3:1:2 tdisp:3 fmt:%.3f:1 PNr:.8:.9:.8:.5:.8 void:0:.58 gibbs:1 mex:-1 14772 #Yomex1 response time steps=20=(20.00+20.00+20.00+20.00+20.00+), maxPIT=5943 minpIV=8773 #Yomex2 response time steps=20=(20.00+20.00+20.00+20.00+20.00+)/5, 14773 #Yomex2 response time steps=20=(20.00+20.00+20.00+20.00+20.00+)/5, 14773 #vOmex2 response time steps=20=(20.00+20.00+20.00+20.00+20.00+)/5, maxPr=50+3 minPrv=611.14774 #vOmex3 response time steps=20=(20.00+20.00+20.00+20.00+20.00+)/5, maxPrx=50+3 minPrv=611.14774 #vOmex3 response time steps=20=(20.00+20.00 14749 #vOmex2 response time steps=20=(20.00+20.00+20.00+20.00+)/5, xPlr=522 minPly-654, 14750 #vOmex3 resonand the steps=20=(20.00+20.00+20.00+20.00+20.00+)/5, 4750 #vOmex3 resonand the steps=20=(20.00+20 #v0mex0 response time steps=20=(20.00+20.00+20.00+20.00+20.00+)/5, 14780 #+V0mex1 response time steps=20=(20.00+20.00+20.00+20.00+20.00+20.00+)/5, maxPIr=59t3 minPIv=87t1 #v0mex0 response time steps=20=(20.00+20.00+20.00+20.00+20.00+)/5, #v0mex2 response time steps=20=(20.00+20.00+20.00+20.00+20.00+)/5, time steps=20=(20.00+20.00+20.00+20.00+20.00+)/5, #v0mex1 response time steps=20=(20.00+20.00+20.00+20.00+20.00+)/5, maxPIr=61t3 minPIv=76t1 decrease PIrt3 #v0mex0 response maxPIr=53t2 minPIv=63t4 maxPIr=61t3 minPIv=76t1 maxPIr=50t3 minPIv=61t1 xPIr=59t3 minPIv=76t1 14788 #v0mex1 respon ### PII/PIO xPIr=58t4 minPIv=76 ### PI1/PI0 ### PI1/PI0 ### PI1/PI0 maxPIr=59t3 14766 #v0me maxPIr=61t3 maxPIr=59t3 maxPIr=59t3 xPIr=54t4 14747 #v(xPIr=59t3 14776 # 14777 f ith:100 t 14778 # 14754 14768 14767 14771 14779 14753 14781

readmecan2mspeech.txt Jun 19 2021 08:15:37

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Err:IDm1s2t2 Err: IDm2s3t4 Err:none steps=20=(20.00+20.00+20.00+20.00+20.00+20.00+)/5, (fp+FP)/All=(0+1)/25 #v0mex4 response time steps=20=(20.00+20.00+20.00+20.00+20.00+)/5, (fp+Fp)/All=(0+0)/25time maxPIr=50t3 minPIv=61t3 maxPIr=53t2 minPIv=63t4 axPIr=59t3 minPIv=71t2 #v0mex2

PI1/PI0 14793

ma

14/94 f.../mineishl/text-indepdata.datiloo4gibbs-sr fn:\$f ns:5 nx:5 nxxi:10:20 pmin:0.0 beta:0.5 pth:.51 ifth:100 tes;4:0:31:12 Edisps:7 fmt*8.51 pNr:-8:9:9:0.1 void:0:1.70 gibbs:1 max:1 in 2 tesporase time steps=20=(20:00+20:00+20:00+20:00+3); (fp+Fp)/All=(0+0)/25 Exr:none Err:none 14900 #YOMex4 response time steps=20=(20.00+20.00+20.00+20.00+20.00+)/5, (fp+FP)/All=(0+0)/25 Err:none maxPIr=69t4 minPIr71L1 $14797 \quad \text{$\text{w vomex1$ response time steps}$=} 20 = (20.00 + 20.00 + 20.00 + 20.00 + 20.00 +)/5, \quad (f_{\rm p+FD})/All = (0 + 0)/25 = (20.00 + 20.00 + 20.00 + 20.00 +)/5, \quad (f_{\rm p+FD})/All = (0 + 0)/25 = (20.00 + 20.00 + 20.00 + 20.00 +)/5, \quad (f_{\rm p+FD})/All = (0 + 0)/25 = (20.00 + 20.00 + 20.00 + 20.00 + 20.00 +)/5, \quad (f_{\rm p+FD})/All = (0 + 0)/25 = (20.00 + 20$ #v0mex2 response time steps=20=(20.00+20.00+20.00+20.00+20.00+)/5, maxPIr=74t4 minPIv76t1 xx maxPIr=69t4 minPIv81t4 maxPIr=69t4 14796

PII/PIO 14801 14802

14803 f .../mineishi/text-indepdata.datiloo4gibbs-sr fn:\$f ns:5 nx:5 ntxi:10:20 pmin:0.0 beta:0.5 pth:.51 lth:100 tes;44:0:31:12 telisps: fmt*8.31 pkr:.81 pkr:.81 void:0:0.70 gibbs:1 mex:-1 lt840 #Vomex.1 response time steps=22e=(20:00+20:00+20:00+20:00+3); (fp+Fp)/All=(0+0)/25 Err:none Err:IDm5s2t4 maxPIx=69t4 14805 #vOmexO response time steps=20=(20.00+20.00+20.00+20.00+20.00+)/5, (fp+FP)/All=(0+1)/25 maxPIr=74t4<minPIv76t1 xx

14806 #vomex1 response time steps=20=(20.00+20.00+20.00+20.00+)/5, (fp+FP)/All=(0+0)/25 Err:none maxPlr=69t4<minPly81t4
maxPlr=69t4<minPly81t4
H407 #vomex2 response time steps=20=(20.00+20.00+20.00+20.00+)/5, (fp+FP)/All=(0+1)/25 Err:IDM1s2t2
maxPlr=50t3<minPly81t2 xx-->increase
14808 #vomex3 response time steps=20=(20.00+20.00+20.00+20.00+)/5, (fp+FP)/All=(0+0)/25 Err:none

Err:none #v0mex4 response time steps=20=(20.00+20.00+20.00+20.00+20.00+)/5, (fp+FP)/All=(0+0)/25 maxPlr=65t4<minplv=72t3 maxPIr=69t4<minPIv=71t2

14813 f=./wineishi/text-indepdata.dat/loo4glbbs-sr fn:\$f ns:5 nx:5 ntxi:10:20 pmin:0.0 beta:0.5 pth:.51 ifth:100 tes:40:0:31:2 tdisps:ff fnt*8.351 ppr:.81:91:91. vdd:0:0:70 glbbs:l mex:-1 lath:100 tes:40:0:31:12 tdisps:ff fnt*8.351 ppr:.81:81:91. vdd:0:0.70 glbbs:l mex:-1 presponse time steeps=20=(20:00+20:00+20:00+20:00+20:00+3); (fb+F9)/All=(0+0)/25 Exr:none ### PI1/PI0 14812

Err:none 14815 #VOmexO response time steps=20=(20.00+20.00+20.00+20.00+),5, (fp+FP)/All=(0+1)/25 maxFlr=744 #IIIPTF=754 #IIIPTF=754 #IIIPTF=754 #IIIPTF=754 #IIIPTF=754 #IIIPTF=754 #IIPTF=754 #IIPT maxPIr=69t4 minPIv=74t2 maxPIr=69t4

14818 #v0mex3 response time steps=20=(20.00+20.00+20.00+20.00+20.00+)/5, (fp+FP)/All=(0+1)/25 Err:IDmls maxPir=66t4 minPiv=76t2
14819 #v0mex4 response time stens—2.0=(20.00+20.00+20.00+20.00+)/5, (fp+FP)/All=(0+0)/25 Err:none

14819 #vOmex4 response time steps=20=(20.00+20.00+20.00+20.00+20.00+)/5, (fp+FP)/All=(0+1)/25 Err:LDm0s4tlmaxPlr=69t4 minpTv=58t4

14822

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maxPIr=69t4

f=../mineishi/text-indepdata.dat;loo4gibbs-sr fn:\$f ns:5 ntx:5 ntxi:10:20 pmin:0.0 beta:0.5 pth:.51 ts:4:03:11:2 tdisp:3 fmt:\$ 3f:1 pNr: 8:.9:9:9:1. void:0: 70 gibbs:1 mex:-1 re../mineishi/text-indepdata.dat;loo4gibbs-sr fn:\$f ns:5 ntx:5 ntxi:10:20 pmin:0.0 beta:0.5 pth:.51 ts:4:03:31:2 tdisp:3 fmt:\$, 3f:1 pNr: 8: 8: 8: 8: 8: 8: 8: 8: 9 doi:0: 70 gibbs:1 mex:-1 #v0mex-1 response time steps=20=(20.00+20.00+20.00+20.00+20.00+)/5, (fp+Fp)/All=(0+0)/25 Err:none 14823 ith:100 14824 ith:100

Err:none minpIv=7553 maxPIE=7554 xx 14826 #+0max1 xesponse time steps=20=(20.00+20.00+20.00+20.00+1)/5, (fp+FP)/All=(0+1)/25 minpIv=7442 maxPIE=6944 xx minpIv=7442 maxPIE=6946 xx 14837 #+0max2 xesponse time steps=20=(20.00+20.00+20.00+20.00+1)/5, (fp+FP)/All=(0+0)/25 #v0mex0 response time steps=20=(20.00+20.00+20.00+20.00+20.00+)/5, (fp+FP)/All=(0+1)/25 #v0mex3 response time steps=20=(20.00+20.00+20.00+20.00+20.00+)/5, (fp+FP)/All=(0+0)/25 minPIv=65t3 maxPIr=50t2t3 xx 14825 14828

PI3/PI0

minPIv=76t2 maxPIr=65t4

14829

maxPIr=46t3 ith:100 14833 14832

Err:IDm0s4t1

#v0mex0 response time steps=20=(20.00+20.00+20.00+20.00+30.00+)/5, (fp+FP)/All=(0+0)/25 Err:none maxPIr=28t4 minPIv=55 14834

#v0mex1 response time steps=20=(20.00+20.00+20.00+20.00+)/5, (fp+Fp)/All=(0+1)/25 Erx:IDm2s1t4 14835

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(7.6+7.76+7.56+7+7.12)/5,"=7.408" 14888

14890 #NGF=../mineishi/text-depdata2.dat;loo4glbbs-sr fn:\$f ns:5 ntx;10:10 pmin:0.0 beta:1.0 pth:.7 lth:4 ts.40:31:12 tddsp:3 fmt*.3.ff.1 phr.:8 ns.8:.8:.9 void:1 glbbs:1 mer.8.ff.1 tddsp:3 fmt*.3.ff.1 phr.:8 ns.8:.8:.8 ns.8:.8 ns pmin:0.0 beta:1.0 pth:.

depdata beta:1 14892 #NG#v1m 14893

#NG#VIMEXG response time steps=7.5=(7.60+5.20+8.80+8.80+7.60+)/5, (fp+Fp)/All=(0+0)/25 Err:none #NG#VIMEXG response time steps=7.5=(8.20+5.20+8.80+7.6.7, (fp+Fp)/All=(0+0)/25 Err:none #NG#VIMEXZ response time steps=7.3=(8.20+5.20+10.00+6.40+7.60+)/5, (fp+Fp)/All=(0+0)/25 Err:none #NG#VIMEXZ response time steps=6.92=(7.40+5.20+10.00+6.40+7.60+)/5, (fp+Fp)/All=(0+0)/25 Err:none #NG#VIMEXZ response time steps=6.92=(7.40+5.20+8.80+5.60+7.60+1)/5, (fp+Fp)/All=(0+0)/25 Err:none #NG#VIMEXG response time steps=6.92=(7.80+5.20+8.80+5.60+7.60+8.80+)/5, (fp+Fp)/All=(0+0)/25 Err:none #NG#VIMEXG response time steps=7.3=(5.80+5.20+8.80+7.60+8.80+7)/5, (fp+Fp)/All=(0+0)/25 Err:none #NG#VIMEXG response time steps=7.3=(7.80+5.20+8.80+7.60+8.80+7)/5, (fp+Fp)/All=(0+0)/25 Err:none 2012.06.14 not for ICONIP2012? 14894 14895 14896 14897 14898 14899 14899

14900 f=../mineishi/text-indepdata.dat;loo4gibbs-sr fn:\$f ns:5 ntxi:10:10 pmin:0.0 beta:0.5 pth::51 lith; 4 s;4 cio;31:12 dtaips:3 fm:t*, 3f:1 pNr::8:.8:.8:.9: 9 void:1 gibbs:1 mex:1
14901 #vlmex-1 response time steps=7.08=(7.40+4.00+8.80+7.60+7.60+7)/5, (fp+FP)/All=(0+0)/25 Err:none #maxP LT7.09e-01

LT7.09e-01

PARCOLYMINEACY RESPONSE time steps=7.5=(7.60+5.20+8.80+8.80+7.60+7)/5, (fp+FP)/All=(0+0)/25 Err:none #maxP LT7.99e-01

LT7.99e-01
 #maxP

#maxP #maxP #maxP Err: none (fp+FP)/All=(0+0)/25 Err:none Err:none 14903 #THERAL IESPEGIAGE LIME SUEDS:/.Z=0.00+3.047.00040.00+1/5, (IPFFP)/All=(0+0)/25 EIL IN 188-014. Prinkiniply/.99e.01

141904 #VIMEAZ ESPEGIAGE LIME SLEPS=7.48=(8.20+5.20+10.0046.40+7.60+)/5, (IPFFP)/All=(0+0)/25 EIL IN 1840-01 EIL ESPECIAL LIME SLEPS=1.48=(8.20+5.20+10.0046.40+7.60+)/5, (IPFFP)/All=(0+0)/25 EIL IN 189-01 EIL ESPECIAL ESPE

m# m# Err:none

Err:none Err:none

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F=../mineishi/text-indepdata.dat/loodgibbs-sr fn:\$f ns:5 ntx:5 ntxi:10:10 pmin:0.0 pth:.99 ith:4 to 2 tdisp:3 fmt:% RF:11 pNr: 8:.8:.8:.8:.99 void:1 gibbs:0 p0:1 mex:-1 All=(0+0)/25 Err:none with the steps=5.28=(4.60+4.00+5.20+5.20+6.40+5)/5. (fp.FP)/All=(0+0)/25 Err:none with mex-1 response time steps=5.28=(5.20+4.00+6.00+5.40+6.00+5)/5. (fp.FP)/All=(0+0)/25 Err:none with mex1 response time steps=5.24=(5.00+4.00+5.40+5.20+7.60+5)/5. (fp.FP)/All=(0+0)/25 Err:none with mex2 response time steps=5.72=(5.00+4.00+7.40+5.20+7.60+5)/5. (fp.FP)/All=(0+0)/25 Err:none with mex3 response time steps=5.56=(4.80+4.00+6.00+5.40+7.60+5)/6. (fp.FP)/All=(0+0)/25 Err:none with mex4 response time steps=5.56=(4.80+4.00+6.00+5.40+7.60+5)/6. (fp.FP)/All=(0+0)/25 Err:none

iconip12spe 2012.06.10 use the result for gibbs:0 ######## OK-Version1 for ICONIP2012 described in ech0614Version1.tex 14943 (1)pp の計算を変更 used for ICONIP2012

############PNr:.8:.8:.8:.8:.99 better than below PNr:.7:.7:.7:.7:.99 for ntxi:10:12 f=../mineishi/text-indepdata.dat
#f=../mineishi/text-depdata2.dat

pth:.51 table. 14947 f=../mineishi/text-indegdata.ddx;loo4gibbs-sr fn:\$f ns:5 ntx:5 ntx1:10:10 pmin:0.0 pth:.999 14:0:3:1.2 tdisp:3 fmt:%.0f:1 ppr:.8i.8i.8i.8i.99 void:1 gibbs:0 mex:1 14948 f=../mineishi/text-indepdata.ddx;loo4gibbs-sr fn:\$f ns:5 ntx:5 ntx:10:10 pmin:0.0 beta:0.5 lth:4 ts:4:0:3:1.2 tdisp:3 fmt:%.3f:1 ppr:.8:.8:.8:.8:.8:.99 void:1 gibbs:1 mex:1 #use loo4gp.dat for t.14949 #f=../mineishi/text-deodata2.dat

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              response time steps=4.96=(4.60+4.20+5.00+5.60+5.40+)/5, response time steps=5.04=(4.40+4.00+5.00+4.20+7.60+)/5,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 15037 f=../mineishi/text-indepdata.dat;loo4gibbs-sr fn:$f ns:5 ntx:5:
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IDm0s1t3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      #Vlmex0 response time steps=6.52=(5.2045.20+5.20+7.60+9.40+)/5, (fp+FP)/All=(0+0)/25 Err:none #Vlmex1 response time steps=5.56=(5.2044.00+5.20+5.40+1)/5, (fp+FP)/All=(0+0)/25 Err:none #Vlmex2 response time steps=5.44=(5.2044.00+5.40+7.40+)/5, (fp+FP)/All=(0+0)/25 Err:none #Vlmex3 response time steps=5.72=(5.2045.40+7.40+)/5, (fp+FP)/All=(0+0)/25 Err:none #Vlmex4 response time steps=5.72=(5.2045.20+5.20+5.60+7.40+)/5, (fp+FP)/All=(0+0)/25 Err:none #Vlmex4 response time steps=5.2 = (5.2045.20+5.20+5.20+5.20+5.50+5)/5, (fp+FP)/All=(0+0)/25 Err:none Print 5.2.(5.2*3+4*2)/5, 5.2.(7.6*5+4*2+5.20+5.6*5.20+5.6*5.20+5.6*5.20+5.6*5.20+5.6*5.20+5.6*5.20+5.6*5.20+6.5*6+5.30+6.5*6+5.20+6.5*6+5.20+6.5*6+5.30+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+6.5*6+5.20+
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Err:none
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f=../mineishi/text-indepdata.dat/loo4gibbs-sr fn:$f ns:5 ntx:5 ntxi:10:10 pmin:0.0 pth:.55
2 tdisp:3 fmt:%.3f:1 beta:0.5 pNr:.7:.7:.7:.7:.99 void:1 gibbs:1 mex:1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                #Vlmex0 response time steps=7.36=(7.60+5.20+ 7.60+8.80+7,6.0+)/5, (fp+FP)/All=(0+0)/25 : #Vlmex1 response time steps=7.52=(8.40+6.20+ 7.60+7.60+8.80+7),5, (fp+FP)/All=(0+0)/25 ! #Vlmex2 response time steps=7.72=(9.00+5.20+10.00+6.80+7.60+7),5, (fp+FP)/All=(0+0)/25 ! #Vlmex2 response time steps=7.24=(8.20+5.20+8.80+6.40+7.60+7),5, (fp+FP)/All=(0+0)/25 ! #Vlmex4 response time steps=7.24=(8.20+5.20+8.80+6.40+7.60+1),5, (fp+FP)/All=(0+0)/25 i print (7.6+8.4+9+8.24+6.6)/5, (7.6*2+10+8.8+8.4),5, (8.8+7.6*2+6.8+6.4)/5, (7.6*2+10+8.8+8.4),5, (8.8+7.6*2+6.8+6.4)/5, (7.6*3+8).
       v1 sltl_310 ml:=:0.200 uml:=:0.000 ml:=:0.200 ml:=:0.200 ml:=:0.200 ml:=:0.200 vl sltl_311 mo:|10.200 uml:=:0.000 m2:0:0.004 m3:0:0.004 m4:0:0.021 m5:0:0.037 vl sltl_312 mo:|1:0.998 uml:|1:0.000 m2:0:0.000 m3:0:0.000 m4:0:0.001 m5:0:0.002 vl sltl_313 mo:|1:0.998 uml:|1:0.000 m2:0:0.000 m3:0:0.000 m4:0:0.000 m5:0:0.000 vl sltl_314 mo:|0:0.998 uml:|1:0.000 m2:0:0.000 m3:0:0.000 m4:0:0.000 m5:0:0.000 vl sltl_315 mo:|1:0.000 uml:|1:0.000 m2:0:0.000 m3:0:0.000 m4:0:0.000 m5:1:0.001 vl sltl_315 mo:|1:0.000 uml:|1:0.000 m2:0:0.000 m3:0:0.000 m4:0:0.000 m5:0:0.001 vl sltl_315 mo:|0:0:088 uml:|0:0.000 m2:0:0.000 m3:0:0.000 m4:0:0.000 m5:0:0.002 vl sltl_317 mo:|0:0:088 uml:|0:0.000 m2:0:0.000 m3:0:0.000 m4:0:0.000 m5:0:0.002 vl sltl_319 m0:|0:0:088 uml:|0:000 m2:0:0.000 m3:0:0.000 m4:0:0.001 m5:0:0.002 vl sltl_310 m0:|0:0:002 vml:|0:000 m2:0:0.000 m3:0:0.000 m4:0:0.001 m5:0:0.002 vl sltl_310 m0:|0:0:002 vml:|0:000 m2:0:0.000 m3:0:0.000 m4:0:0.001 m5:0:0.980 m4:0:0.000 m3:0:0.000 m3:0:0.000 m4:0:0.001 m5:0:0.980 m5:0:0.980 m3:0:0:000 m3:0:0:000 m3:0:0:000 m4:0:0.000 m5:0:0.980 m5:0:0.980 m3:0:0:000 m3:0:0
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15076 v1 s1tl_3i0 ml:-:0.200 uml:-:0.000 ml:-i0.200 ml:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         steps=4.76=(5.60+4.00+4.00+4.00+6.20+)/5,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 #vlmex3 response time
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15113 #Vlmex3 respo
15114 #Vlmex4 respo
15115 print (7.6+8.
15.2 8.48 7.44 8.08"
15116 print (7.36+7.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     #pth:0.55
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m2s3t3 pth:.35
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15125
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15119
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15122
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15120
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15126
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15129
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15139 v1 s1t1_311 m0:1:0.68 uml1:10.00 m2:0:0.04 m3:0:0.04 m4:0:0.10 m5:0:0.13
15141 v1 s1t1_313 m0:1:0.68 uml1:1:0.00 m2:0:0.04 m3:0:0.04 m3:0:0.10 m5:0:0.13
15142 v1 s1t1_313 m0:1:0.68 uml1:1:0.00 m2:0:0.04 m3:0:0.04 m4:0:0.10 m5:0:0.13
15143 v1 s1t1_314 m0:1:0.5.51 uml1:0.00 m2:0:0.08 m4:0:0.0.10 m5:0:0.13
15144 v1 s1t1_315 m0:1:0.55 uml1:0.00 m2:0:0.07 m3:0:0.06 m4:0:0.13 m5:0:0.19
15144 v1 s1t1_315 m0:0:0.35 uml1:0.00 m2:0:0.07 m3:0:0.06 m4:0:0.14 m5:1:0.21
15144 v1 s1t1_317 m0:0:0.35 uml1:0:00 m2:0:0.09 m4:0:0.14 m5:1:0.24
15145 v1 s1t1_317 m0:0:0.35 uml1:0:00 m2:0:0.10 m4:0:0.14 m5:1:0.24
15145 v1 s1t1_317 m0:0:0.35 uml1:0:00 m2:0:0.11 m3:0:0.10 m4:0:0.20 m5:1:0.28
15146 v1 s1t1_319 m0:0:0.24 uml1:0:00 m2:0:0.11 m3:0:0.10 m4:0:0.20 m5:1:0.28
15147 v1 s1t1_319 m0:0:0.24 uml1:0:00 m2:0:0.11 m3:0:0.10 m4:0:0.20 m5:1:0.28
15149 v1 mex1 Case2:Err %5 by IDm0slt3 fp=1 fp=1 Number of Responses 2=tp(1)-fp(1)
15151 #test of void:0
15152 loosdpibs-sr fn:$f ns:5 ntx:5 ntx::10:10 pmin:0.0 pth:.22 ith:4 ts:4:0:3:1:2 tdisp:3 fmt:%.2f:1 beta
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ith:10 ts:4:0
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                                                                                                                                                                                                                                                                                                                                                      beta:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       text-indepdata.datに対し、1004bayes-srではvoid:0,1,2のいづれも、mex:-1で識別率100%,
                                                                                                                                                                                                                                                                                                                                                                                                                              15158 loo4gibbs-sr fn:./wineishi/text-depdata2.dat ns:5 ntxi:10:10 pwin:0.05 pth:.78 i::1:2 tdisp:3 beca:2 pwr:.7:7:7:7:7:9 youid:10:4 gibbs:1 mex:-1
15159 loo4gibbs-sr fn:./wineishi/text-indepdata.dat ns:5 ntxi:5 ntxi:10:10 pwin:0.05 pth:.78 is:12 tdisp:3 beta:2. pwr:.7:7:7:7:9 yoid:1:0.4 gibbs:1 mex:-1
15160 loo4gibbs-sr fn:./wineishi/text-depdata2.dat ns:5 ntxi:10:10 pwin:0.05 pth:.94 it 1:2 tdisp:2 beta:0.6 pwr:.7:7:7:7:99 void:1 gibbs:1 mex:-1
11516 loo4gibbs-sr fn:./wineishi/text-indepdata2.dat ns:6 ntxi:10:10 pwin:0.05 pth:.94 it
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              pth:.94
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      (fp+FP)/All=(0+0)/25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              pth:.94
                                                                                                                                                                                                                                                                                                                                                   15154 loo4gibbs-er fn:$f ns:5 ntx:5 ntx:10:10 pmin:0.0 pth:.3 ith:4 ts:4:0:3:1:2 tdisp:3 0.1 PNr:,7:,7:,7:,7:,99 void:0:0.28 qibbs:1 mex:0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 良い識別率を達成するパラメタは見つかっていない (見つかるかもしれないが…)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              pmin:0.05
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               15161 loo4gibbs-sr fn:./mineishi/text-indepdata.dat ns:5 ntxi:l0:10 15162 ####
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   (2) void:0 を修正した. gibbs:0 でも良くなった!? 修正内容・最後までしきい値に選しなかったちvoidとする. New Pb: wee the paper iconip2012speech.pdf 2012.06.06 (1) void:0 にオブションを追加 (1) void:0:[Pirth] = void:0 にオブションを追加 | Weiling で、max Pl >= Pirth であればそのマシンで認識. 最終判断で、max Pl >= Pirth であればそのマシンで認識.
                                                                                                                                                                                                                                                                                                                                                                                              15155
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               15193
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2 tdisp:4 beta:.6 PNr:.8 void:0:0.5 gibbs:1 mex:-1 15201 (2) PNr を PNr[t]とし, text時にyth[m][t]=PNr[t]*ymeanP[m][t]+(1.-PNr[t])*ymeanN[m][t];と設定できるようにした. うにした. 15202 (3) i<ith では認識判断しないようにした 15203 [1] NG:loo4gibbs-sr fn:../mineishi/text-indepdata.dat ns:5 ntx:5 ntxi:10:10 pmin:0.05

ı] <=void:0 にオプションを追加 max DI >=DIrth であればそのマシンで認識, nax DI <DIrth ならば未登録(m=ns=5)と判断

max PI <PIrth

15194 15195 15196 15197 15198

beta

ith:4 ts:4:0:3 ts:4:0: Err: IDm5s3t ith:10 (fp+FP)/All=(0+1)/25 pth: .94 loo4gibbs-sr fm:../mineishi/texr-depdata2.dat ns:5 ntx:5 ntxi:10:10 pmin:0.05 pth:.94 isp:.5 bpts:0.6 pwir:77.77.99 void:1 gibbs:0 mex:1 csp. (fp. pp. py) All=(0+0)/25 #VImex-1 response time steps-4.2=(4.00+4.00+4.40+4.40+4.60+)/5, (fp. pp. py) All=(0+0)/25 pth: pmin:0.05 15209 loo4gibbs-sr fn:./mineishi/text-depdata2.dat ns:5 ntx:5 ntxi:10:10 3:1.2 ddiaps-sr for principle string to the string stri 15 loo4gibbs-sr fn:../
tdisp:2 beta:0.6 PNr:. qibbs:0,ith:10 gibbs:0,ith:4 1:2 td: 15206 15211

Err:none 3 loo4glbbs-sr fn:./mineishi/text-depdata2.dat ns:5 ntx:5 ntxi:10:10 pmin:0.05 pth:.78 td.sp;3 beta:2. pmr::7:7:7:9.79 rbs.sp;3 beta:2. pmr::7:7:7:7:9 rbs.sp;3 beta:2. pmr: 7:7:7:7:9 rbs.sp;3 beta:3:7 pmr: 7:7:7:9 rbs.sp;3 beta:3:7 pmr: 7:7:7:7:9 rbs.sp;3 [2]gibbs:1,ith:4 gibbs:1,ith:10 15213 :1:2 tdi 15214 15215

(fp+FP)/All=(0+1)/25 Err:IDm5s3t4 Err:none Err:IDm5s3t4 (fp+FP)/All=(0+1)/25 Err:IDm5s3t4 (fp+FP)/All=(0+0)/25 (fp+FP)/All=(0+1)/25 15232 #v1mex1 response time steps=10=(10.00+10.00+10.00+10.00+10.00+1)/5, 15233 #vlmex2 response time steps=10=(10.00+10.00+10.00+10.00+10.00+)/5, .00+10.00+10.00+10.00+10.00+)/5, .00+10.00+10.00+10.00+10.00+)/5, #vlmex3 response time steps=10=(10. #vlmex4 response time steps=10=(10. 15234

15236

ith:4 ts:4:0:3

Err: none Err: none Err: none

glibbs:1,ith:10,unreg
10 loogslibbs:2.fm:./mineishi/fext-depdata2.dat ns:5 ntx:5 ntxi:10:10 pmin:0.05 pth:.78 ith:10 ts:4:00:
11 lookslibbs:2.ph:.78:.77:.77:.79 void:11:0.4 glibbs:1 max:0
12 lookslibbs:2.ph:.78:.77:.77:.79 void:11:0.4 glibbs:1 max:0
14 lookslibbs:2.ph:.78:.77:.77:.79 void:11:0.4 glibbs:1 max:0
15 lookslibbs:2.ph:.78:.77:.77:.79 void:11:0.4 glibbs:1 max:0
16 lookslibbs:2.ph:.78:.77:.77:.79 void:10:0.4 lookslib (0.04-10:0.04-10:0.04-10)
17 lookslibbs:2.ph:.78:.79:.79:.79 void:10:0.4 lookslib (0.04-10:0.0

pth:.94 ith:4 ts:4:0:

ts:4:0: 15259 #text-independent,gibbs:1 ith:4, 15260 loodgibbs-sr fir../mineishi/cext-indepdata.dat ns:5 ntx:5 ntxi:10:10 pmin:0.05 pth:.78 ith:4 ith:4 it.2560 loodgibbs-sr fir../mineishi/cext-indepdata.dat ns:1 ntx:3 tdisp:3 beta:2. pkr::7:7:7:7:7:99 void:1:0.4 gibbs:1 mex:-1 ls:2 tdisp:3 beta:2. pkr::7:7:7:7:7:99 void:1:0.4 gibbs:1 mex:-1 ls:261 #vlmex-1 response time steps=5.8=(5.20+4.20+5.40+6.60+7.60+)/5, (fp+FP)/All=(0+0)/25 Exr:none ls:262 #text-independent,bayes=gibbs:0 ith:10,

15265 loo4glibbe-sr fn:../mineishi/text-indepdata.dat ns:5 ntx:5 ntxi:10:10 pmin:0.05 pth:.94 ith:10 ts:4:0 3:11:2 tdisp:4 beta:0.6 ppw:.7:7:7:7:7:7:9 void:1 glibbs:0 mex:-1 15266 #Vimex-1 response time steps=10=(10.00+10.00+10.00+10.00+1).00+)/5, (fp+Pp)/All=(0+4)/25 Erx:IDm5s0c IDM5slt4 IDm2s3tl IDm5s4t4

#text-independent,gibbs:1 ith:10,

eadmecan2mspeech.tx

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ith:4 ts:4:0: (fp+FP)/All=(0+0)/25 Err:none 94 pmin:0.05 ns:5 ntx:5 ntxi:10:10 lisp:2 beta:0.6 PNr:.7:.7:.7:.7:.99 void:1 gibbs:0 mex:-1 #v1mex-1 response time steps=10=(10.00+10.00+10.00+10.00+10.00+1)/5, ./mineishi/text-indepdata.dat #text-independent,bayes=gibbs:0 ith:4, unreg loo4gibbs-sr fn:../m tdisp:2 beta:0.6 PNr:.'

ith:4 ts:4:0: Err:IDm0s1t3 (fp+FP)/All=(0+0)/25 (fp+FP)/All=(1+0)/25 pmin:0.05 ntxi:10:10 15273 loo4gibbs-gr fm., /mineishi/text-indepdata.dat ns:5 ntx:5 ntxi:13.31.2 tdisp:2 beta:0.6 pNr: /?: /?: /?: /9 void:1 gibbs:0 mex:0
15274 #Yumax0 response time steps=4.96=(5.20+4.00+4.80+5.00+5.80+)/5.
15275 #Yumax1 response time steps=5.2 = (4.60+4.20+4.60+5.20+7.40+1)/5.

Err:IDm5s1t0 15303 #vlmex2 response time steps=10=(10.00+10.00+10.00+10.00+10.00+)/5, (fp+FP)/All=(0+4)/25 IDM5slt4 IDM1s2t2 IDM5s4t4?worst #vlmexl response time steps = 10 = (10.00 + 10.00IDm5s4t4 IDM5s4t4 15302 #v IDm2s3t1 15304

Err:IDm5s0t0 Errild= t0:2 t1:4, t2:1 t3:1, t4:6
#text-independent gibbs:1 th:10, ureg
loosquibbs-sr fnert,gibbs:1 th:10, ureg
loosquibbs-sr fnert,independent gibbs:1 th:10 ureg IDm5s4t4 15305 #v1mex4 resp IDm5s1t4 IDm2s3t1 15306

pth:.78 ith:10

ith:10 ts:4:0 Err:IDm5s1t0 ith:10 15314 #corresponding worstcase? 15315 loo4gibbs-sr fm:.//mineishi/text-indepdata.dat ns:5 ntx:5 ntx::10:10 pmin:0.05 pth:.94 is:1:2 tdisp:4 beta:0.6 PNr:.7:.7:.7:.99 void:1 gibbs:0 mex:2 15315 disp:4 beta:0.6 PNr:.7:.7:.7:.99 void:1 gibbs:0 mex:2 15316 #vlmex2 response time steps=10=(10.00+10.00+10.00+10.00+)/5, (fp+FP)/All=(0+4)/25 IDM5s1t4 IDM1s2t2 IDM5s4t4 pth:.78 pmin:0.05 loo4gibbs-sr fn:../mineishi/text-indepdata.dat ns:5 ntx:5 ntxi:10:10 3:3:12 tdisp:4 beta:2. PNr:,7:,7:,7:,99 void:1:0.4 gibbs:1 mex:2

15320 15321 15322

== Err:none Err:IDm0s1t3 +4.5+)/5 (fp+FP)/All=(1+0)/25 Err:IDm5s0t4 +4.5 +5.5+)/5 (fp+FP)/All=(0+0)/25 Err:none +5.2 +6+)/5 (fp+FP)/All=(0+0)/25 Err:none 15322 [1]loodgibbs-sr fn.../mineishi/text.indepdata.dat ms:5 ntxi:5 ntxi:10:10 pmin:0.05 pth...
0:3:11.2 tdisp:2 beta:0.6 prv.:77:77:77:77:77:70
15333 #Vimex-1 response time steps=5.04(4.60-4.20-4.66+5.00-4.6.80+)5, (fp+FP)/All=(0+-1)/25
15323 #Vimex-1 response time steps=5.04(4.60-4.20-4.66+5.00-4.6.80+)5, (fp+FP)/All=(0+-1)/25 #VImex2 response time steps=5.16=(4.6+ 4.2 +5 +4. #VImex3 response time steps=5.12=(4.6+ 4 +5 +5: #VImex4 response time steps=4.48=(4.6+ 4 +4.2 +5 nex:1 tdisp:3 ==tag1 15327 #vlmex2 respo 15325 #vlmex0 15326 #vlmex1 15329

pmin:0.05 pth:.94 ith:4 ts:4:0:3 15330 4.72+4.08+4.72+4.99+5.5 15331 loodgibbs-sr fn:../mineishi/text-depdatad.dat ns: ntx: barx: 10:10 | 1:32 tdisp:2 beta:0.6 FN::./n:./?:./7:./9:./99 void:1 glbbs:0 mex:-1 ex:4 tdisp:4 ==tag2

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15399 | wilmax-1 mean response time steps=6.36 (Tp+fP)/All=(0+0)/25 Err:none
15400 | wilmax1 mean response time steps=6.56 (Tp+fP)/All=(0+0)/25 Err:none
15401 | wilmax2 mean response time steps=6.56 (Tp+fP)/All=(0+0)/25 Err:none
15401 | wilmax2 mean response time steps=6.04 (Tp+fP)/All=(0+0)/25 Err:none
15403 | wilmax3 mean response time steps=6.08 (Tp+fP)/All=(0+0)/25 Err:none
15403 | wilmax3 mean response time steps=6.08 (Tp+fP)/All=(0+0)/25 Err:none
15404 | wilmax4 mean response time steps=6.04 (Tp+fP)/All=(0+0)/25 Err:none
15404 | wilmax4 mean mean response time steps=6.04 (Tp+fP)/All=(0+0)/25 Err:none
15405 | response time steps=6.04 (Tp+fP)/All=(0+0)/25 Err:none
15404 | wilmax4 mean response time steps=6.04 (Tp+fP)/All=(0+0)/25 Err:none
15405 | response time steps=6.04 (Tp+fP)/All=(0+0)/25 Err:none
15404 | wilmax4 mean response time steps=6.04 (Tp+fP)/All=(0+0)/25 Err:none
15405 | response time steps=6.04 (Tp+fP)/All=(0+0)/25 Err:none
15407 | wilmax4 mean response time steps=6.04 (Tp+fP)/All=(0+0)/25 Err:none
15407 | wilmax4 mean response time steps=6.04 (Tp+fP)/All=(0+0)/25 Err:none
15407 | wilmax4 mean response time steps=6.04 (Tp+fP)/All=(0+0)/25 Err:none
15407 | wilmax4 mean response time steps=6.04 (Tp+fP)/All=(0+0)/25 Err:none
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                                                                                                                                                                Err:none
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Err:none
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iconip2012 use
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       #vlmex0 response time steps=6.04=(5.25+4.2 +4.5+6.6+4+)/5, (fp+FP)/All=(0+0)/25 Err:none #vlmex1 response time steps=6.04=(5 +4.2 +4.8+6.75+4+)/5, (fp+FP)/All=(0+0)/25 Err:none
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 loo4gibbs-sr fhi../mineishi/text-depdata2.dat ns:5 ntx:5 ntxi:10:10 pmin:0.05 pth:.78 i didags; a becar2. pwir..7:7:99 void:10.4 gibbs:1 mex.:1 = 1.0 folds:2 per ext.:1 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              IDm3s2t3 IDm5s3t4
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                                                                                             #Vlmex0 response time steps=4.2 = (4.00+4.00+4.00+4.40+4.60+)/5, (fp+FP)/All=(0+0)/25 #Vlmex1 response time steps=4.16=(4.00+4.00+4.0+4.00+4.40+)/5, (fp+FP)/All=(0+0)/25 #Vlmex2 response time steps=4.16=(4.00+4.00+4.20+4.60+)/5, (fp+FP)/All=(0+0)/25 #Vlmex3 response time steps=4.28=(4.00+4.40+4.20+4.60+)/5, (fp+FP)/All=(0+0)/25 #Vlmex3 response time steps=4.16=(4.00+4.40+4.20+4.00+4.40+4.20+)/5, (fp+FP)/All=(0+0)/25 #Vlmex4 response time steps=4.16=(4.20+4.00+4.40+4.20+)/5, (fp+FP)/All=(0+0)/25 #Vlmex4 response time steps=4.16=(4.00+4.40+4.20+)/5, (fp+FP)/All=(0+0)/25
steps=4.2=(4.00+4.00+4.00+4.40+4.60+)/5, (fp+FP)/All=(0+0)/25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    pmin:0.05
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#vlmex-1 response time
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3:1:2 to
15343
15344
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15352
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Err:none #vlmex0 mean response time steps=4.68 (Fp+fP)/All=(0+0)/25 Err:none #vlmex1 mean response time steps=4.6 (Fp+fP)/All=(0+0)/25 Err:none #vlmex2 mean response time steps=4.52 (Fp+fP)/All=(0+0)/25 Err:none #vlmex3 mean response time steps=4.68 (Fp+fP)/All=(0+0)/25 Err:none #vlmex3 mean response time steps=4.68 (Fp+fP)/All=(0+0)/25 Err:none #vlmex4 mean response time steps=4.24 (Fp+fP)/All=(0+0)/25 Err:none steps=4.52 (Fp+fP)/All=(0+0)/25 time mean

readmecan2mspeech.txt

19418	Wilmex2 mean response time steps=5.12	PP+PFD/All=(0+1)/25 Exr:none
19419	Wilmex2 mean response time steps=5.12	PP+PFD/All=(0+1)/25 Exr:none
19419	Wilmex3 mean response time steps=5.12	PP+PFD/All=(0+0)/25 Exr:none
19419	Wilmex4 mean response time steps=5.12	PP+PFD/All=(0+0)/25 Exr:none
19420	Wilmex4 mean response time steps=4.6	PP+PFD/All=(0+0)/25 Exr:none
19421	Wilmex2 mean time steps=6.12	PP+PFD/All=(0+0)/25 Exr:none
19422	Wilmex3 mean time steps=6.12	PP+PFD/All=(0+0)/25 Exr:none
19422	Wilmex2 mean time steps=6.12	PP+PFD/All=(0+0)/25 Exr:none
19423	Wilmex3 mean time steps=6.12	PP+PFD/All=(0+0)/25 Exr:none
19424	Wilmex4 mean time steps=6.12	PP+PFD/All=(0+0)/25 Exr:none
19425	Wilmex2 mean tensorse time steps=6.12	PP+PFD/All=(0+0)/25 Exr:none
19426	Wilmex4 mean tensorse time steps=6.12	PP+PFD/All=(0+0)/25 Exr:none
19430	Wilmex4 mean tensorse time steps=6.12	PP+PFD/All=(0+0)/25 Exr:none
19430	Wilmex4 mean tensorse time steps=6.12	PP+PFD/All=(0+0)/25 Exr:none
19431	Wilmex4 mean tensorse time steps=6.12	PP+PFD/All=(0+0)/25 Exr:none
19430	Wilmex4 mean tensorse time steps=6.12	PP+PFD/All=(0+0)/25 Exr:none
19430	Wilmex4 mean tensorse time steps=6.12	PP+PFD/All=(0+0)/25 Exr:none
19430	Wilmex4 mean tensorse time steps=6.12	PP+PFD/All=(0+0)/25 Exr:none
19430	Wilmex4 mean tensorse time steps=6.12	PP+PFD/All=(0+0)/25 Exr:none
19440	Wilmex4 mean tensorse time steps=6.12	PP+PFD/All=(0+0)/25 Exr:none
19440	Wilmex4 mean tensorse time steps=4.6	PP+PFD/All=(0+0)/25 Exr:none
19440	Wilmex4 mean response time steps=4.6	PP+PFD/All=(0+0)/25 Exr:none
19440	Wilmex4 mean response time steps=4.8	PP+PFD/All=(0+0)/25 Exr:none
19440	Wilmex4 mean response time steps=4.8	PP+PFD/All=(0+0)/25 Exr:none
19440	Wilmex4 mean response time steps=4.8	PP+PFD/All=(0+0)/25 Exr:none
19440	Wilmex4 mean response time steps=4.8	PP+PFD/All=(0+0)/25 Exr ith:4 ts:4:0: tdi ts:4:0:3:1:2 IDm2s3t1 mex:2 tag2 Err:IDm5s0t0 IDm5s1t0 IDm3s1t4 IDm2s3t1 IDm1s2t2 pth: .94 pth:.94 this; <=== tag1 <===use † pmin:0.05 response time steps=10 (Pp+fP)/All=(3+0)/25 Brr:IDm5s1t0 IDm3s1t4 response time steps=10 (Pp+fP)/All=(3+0)/25 Brr:IDm5s1t0 IDm3s1t4 response time steps=10 (Pp+fP)/All=(3+0)/25 Brr:IDm5s1t0 IDm3s1t4 response time steps=10 (Fp+fP)/All=(3+0)/25 Brr:IDm5s1t0 IDm2s3t1 response time steps=10 (Fp+fP)/All=(3+0)/25 Brr:IDm5s1t0 IDm2s3t1 response time steps=10 (Fp+fP)/All=(3+0)/25 Brr:IDm5s1t0 IDm5s1t0 pmin:0.05 #vlmex0 mean response time steps=4.8 ($\mathrm{Fp}_{+}\mathrm{Fp}/\mathrm{All}=(0+0)/25$ Err:none #vlmex1 mean response time steps=5 ($\mathrm{Fp}_{+}\mathrm{Fp}/\mathrm{All}=(0+1)/25$ Err:IDm2s1t4 #vlmex2 mean response time steps=5.2 ($\mathrm{Fp}_{+}\mathrm{Fp}/\mathrm{All}=(1+0)/25$ Err:IDm2s1t4 #vlmex3 mean response time steps=4.88 ($\mathrm{Fp}_{+}\mathrm{Fp}/\mathrm{All}=(0+1)/25$ Err:IDm2s1t4 #vlmex3 mean response time steps=4.88 ($\mathrm{Fp}_{+}\mathrm{Fp}/\mathrm{All}=(0+1)/25$ Err:IDm2s3t4 #vlmex4 mean response time steps=4.44 ($\mathrm{Fp}_{+}\mathrm{Fp}/\mathrm{All}=(0+0)/25$ Err:IDm2s3t4 fn:../mineishi/text-indepdata.dat ns:5 ntx:5 ntxi:10:10 beta:0.6 PNr:.8 void:1 gibbs:0 mex:-1
#vlmex-1 mean response time steps=3.52 (Fp+fP)/All=(0+0)/25 Err:none #vlmex-1 mean response time steps=10 (Fp+fP)/All=(4+0)/25 Bayesian [2] Original #vlmex0 mean #vlmex1 mean mean loo4gibbs-sr #vlmex2 | #vlmex3 | pth:1.0 #vlmex4 15457 15460 15460 15461 15461 15463 15464 15464 15464 15464 15470 15470 15471 15471 15473 15473 15473 15473 15473 15474 15473 15415 15416 15417 15418

ith:4 ts:4:0: pth:.68 pmin:0.05 loodgibbs-sr fn:../mineishi/text-indepdata.dat ns:5 ntx::10:10 lisp;4 beatal. PNx:77.77.77.79 voids:10.4 glabs:1 mex. response time steps=7.04 (Fp+Fp) Alla(0+0)/25 Erx:none time steps=7.04 (Fp+Fp) Alla(0+0)/25 Erx:none time steps=8.704 (Fp+Fp) Alla(0+0)/25 Erx 15477 15478 loo4gibbs-sr fn 3:1:2 tdisp:4 beta:1. F 15479 #vlmex-1 mean x

IDm2s1t4

response time steps=3.6 (Fp+Fp)/All=(0+0)/25 Err:none response time steps=3.56 (Fp+Fp)/All=(0+2)/25 Err:IDM0s1t3 response time steps=3.56 (Fp+Fp)/All=(1+0)/25 Err:IDM1s2t2 response time steps=3.52 (Fp+Fp)/All=(0+1)/25 Err:IDM2s3t4 response time steps=3.56 (Fp+Fp)/All=(0+1)/25 Err:IDM2s3t4

#vlmex0 mean

#v1mex2 #vlmex1

pmin:0.05 pth:.3 ts:4:0:3:1:2 t

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tdisp:4
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15572
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3.112 tdisg:4 beta: 8 PNr:.7:7:7:7:7:7:99 void:11:0.4 glibs:1 mex.-1

15406 #Vinexd mean response time steps=7.56 (Fp+FP)/All=(0+0)/25 Err:none

15497 #Vinexd mean response time steps=7.6 (Fp+FP)/All=(0+0)/25 Err:none

15499 #Vinexd mean response time steps=7.8 (Fp+FP)/All=(0+0)/25 Err:none

15499 #Vinexd mean response time steps=7.92 (Fp+FP)/All=(0+0)/25 Err:none

15500 #Vinexd mean response time steps=7.92 (Fp+FP)/All=(0+0)/25 Err:none

15501 #Vinexd mean response time steps=7.74 (Fp+FP)/All=(0+0)/25 Err:none

15502 #Vinexd mean response time steps=7.8 (Fp+FP)/All=(0+0)/25 Err:none

15503 loo4gibbs=sr fn:./mineishi/text-indepdata.dat next-1

15504 #Vinexd mean response time steps=7.88 (Fp+FP)/All=(0+0)/25 Err:none

15505 #Vinexd mean response time steps=7.88 (Fp+FP)/All=(0+0)/25 Err:none

15506 #Vinexd mean response time steps=7.88 (Fp+FP)/All=(0+0)/25 Err:none

15507 #Vinexd mean response time steps=7.88 (Fp+FP)/All=(0+0)/25 Err:none

15508 #Vinexd mean response time steps=7.72 (Fp+FP)/All=(0+0)/25 Err:none

15508 #Vinexd mean response time steps=7.72 (Fp+FP)/All=(0+0)/25 Err:none

15509 #Vinexd mean response time steps=7.72 (Fp+FP)/All=(0+0)/25 Err:none

15509 #Vinexd mean response time steps=7.72 (Fp+FP)/All=(0+0)/25 Err:none

15501 #Vinexd mean response time steps=7.72 (Fp+FP)/All=(0+0)/25 Err:none

15502 #Vinexd mean response time steps=7.72 (Fp+FP)/All=(0+0)/25 Err:none
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15548 #mean response time steps=10 (Fp+fp)/All=(0+0)/25 vlmexO Err: same for all mexO,1,2,3,4
15548 #mean response time steps=10 (Fp+fp)/All=(0+0)/25 vlmexO Err: same for all mexO,1,2,3,4
15549 #mean response time steps=10 (Fp+fp)/All=(0+0)/25 vlmexO Err: same for all mexO,1,2,3,4
15540 #mean response time steps=8.92 (Fp+fp)/All=(0+0)/25 vlmex-1
15550 #mean response time steps=8.92 (Fp+fp)/All=(0+0)/25 vlmex-1 Err:
15551 #mean response time steps=8.92 (Fp+fp)/All=(0+0)/25 vlmexO Err:
15552 #mean response time steps=9.28 (Fp+fp)/All=(0+0)/25 vlmexO Err:
15553 #mean response time steps=9.28 (Fp+fp)/All=(0+0)/25 vlmexO Err:
                                                                                                                                                                                                                                                                                                                                                          pmin:0.05 pth:.65 ith:4 ts:4:0:
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1:2 tdisp:4 beta:.5 PMr:.7:7:7:7:99 void:1:0.4 gibbs:1 mex:-1
15521 #mean response time steps=8.1. (Pp+fP)/All=(0+0)/25 vlmex-1 Err:
15522 #mean response time steps=7.88 (Pp+fP)/All=(0+0)/25 vlmex0 Err:
15523 #mean response time steps=7.88 (Pp+fP)/All=(0+0)/25 vlmex1 Err:
15524 #mean response time steps=8.48 (Pp+fP)/All=(0+0)/25 vlmex1 Err:
15525 #mean response time steps=8.24 (Pp+fP)/All=(0+0)/25 vlmex3 Err:
15526 #mean response time steps=7.76 (Pp+fP)/All=(0+0)/25 vlmex3 Err:
15526 #mean response time steps=7.76 (Pp+fP)/All=(0+0)/25 vlmex3 Err:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    137 loo4gibbs-sr fh:../mineishi/text-indepdata.dat ns:5 ntx:5 ntxi:10:10 g tdisp:4 beta:.4 pNr:7:7:7:99 void!1:0.4 gibbs:1 mex-1
188 #mean response time steps=9.29 void!1:0.4 gibbs:1 mex-1
189 #mean response time steps=8.84 (Fp+Fp)/All=(0+0)/25 vlmex-1 Err:
180 #mean response time steps=9.08 (Fp+Fp)/All=(0+0)/25 vlmex0 Err:
181 #mean response time steps=9.08 (Fp+Fp)/All=(0+0)/25 vlmex1 Err:
189 #mean response time steps=9.24 (Fp+Fp)/All=(0+0)/25 vlmex2 Err:
189 #mean response time steps=9.24 (Fp+Fp)/All=(0+0)/25 vlmex3 Err:
199 #mean response time steps=8.64 (Fp+Fp)/All=(0+0)/25 vlmex4 Err:
                                                                                                                                                                                                                                                                                                                                                    ntxi:10:10
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                                                                                                                                                                                                                                                                                                                                                          loo4gibbs-sr fm:./mineishi/text-indegdata.dat ns:5 ntx:5 ntx:10:10 tdisp:4 beta:.9 PWr:7.7:7:7:7:7:9 void:1:0.4 gibbs:1 mex:-1 #Winex-1 mex-1 mex time steps=7:52 (Fp+FP)/All=(0+0)/25 Errinone
                                                    steps=7.4 (Fp+fP)/All=(0+0)/25 Err:none steps=7.36 (Fp+fP)/All=(0+0)/25 Err:none
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 #Vinex3 mean response time steps=7.36 (Pp+FP)/All=(0+0)/25 Err:none #Vinex1 mean response time steps=7.68 (Pp+FP)/All=(0+0)/25 Err:none #Vinex2 mean response time steps=7.8 (Fp+FP)/All=(0+0)/25 Err:none #Vinex3 mean response time steps=7.28 (Fp+FP)/All=(0+0)/25 Err:none #Vinex3 mean response time steps=7.44 (Fp+FP)/All=(0+0)/25 Err:none #Vinex4 mean response time steps=7.44 (Fp+FP)/All=(0+0)/25 Err:none
#vlmex0 mean response time steps=7.12 (\mathrm{Fp+FP})/All=(0+0)/25 Err:none #vlmex1 mean response time steps=7.36 (\mathrm{Fp+FP})/All=(0+0)/25 Err:none #vlmex2 mean response time steps=7.36 (\mathrm{Fp+FP})/All=(0+0)/25 Err:none #vlmex3 mean response time steps=6.8 (\mathrm{Fp+FP})/All=(0+0)/25 Err:none #vlmex3 mean response time steps=6.8 (\mathrm{Fp+FP})/All=(0+0)/25 Err:none
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15536 #mean response time steps=0.34 (Pp+fP)/All=(0+0)/25 Vimex. Ext.
15536 #mean response time steps=7.34 (Pp+fP)/All=(0+0)/25 Vimex. Exr.
15536 #mean response time steps=7.76 (Pp+fP)/All=(0+0)/25 Vimex. Err.
15537 #mean response time steps=9.77 (Pp+fP)/All=(0+0)/25 Vimex. Intx:10
13.12 tdisp:4 beta. 4 Phr: 77: 7: 7: 7: 99 void:1:0.4 gibbs:1 mex:-1
15539 #mean response time steps=8.2 (Pp+fP)/All=(0+0)/25 Vimex. Err.
15530 #mean response time steps=8.2 (Pp+fP)/All=(0+0)/25 Vimex. Err:
15531 #mean response time steps=8.3 (Pp+fP)/All=(0+0)/25 Vimex. Err:
15534 #mean response time steps=8.56 (Pp+fP)/All=(0+0)/25 Vimex. Err:
15534 #mean response time steps=8.16 (Pp+fP)/All=(0+0)/25 Vimex. Err:
15534 #mean response time steps=8.16 (Pp+fP)/All=(0+0)/25 Vimex. Err:
15534 #mean response time steps=8.16 (Pp+fP)/All=(0+0)/25 Vimex. Err:
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readmecan2mspeech.txt Jun 19 2021 08:15:37

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15612 [3"]loo4glbbs-sr fh:../mineishi/text-indepdata.dat ns:5 ntx:5 ntxi:10:7 pmin:0.05 pth:.7 ts:4:0:3:1:
2 cdisp:4 beca:.6 pwr:.7 void:1 gibbs:1 mex:-1
15613 #mean response time steps=5.56 (Fp+FP)/All=(0+0)/25 vlmex0 Err:
15614 #mean response time steps=5.56 (Fp+FP)/All=(0+0)/25 vlmex0 Err:
15615 #mean response time steps=5.57 (Fp+FP)/All=(1+0)/25 vlmex0 Err:
15616 #mean response time steps=5.56 (Fp+FP)/All=(1+0)/25 vlmex3 Err:m0s1t3 m0s1t4
15617 #mean response time steps=5.56 (Fp+FP)/All=(1+0)/25 vlmex3 Err:m2s3t3 m2s3t4
15618 #mean response time steps=5.56 (Fp+FP)/All=(0+0)/25 vlmex4 Err:
15619 #mean response time steps=7.84 (Fp+FP)/All=(0+0)/25 vlmex0 Err:
15620 #mean response time steps=7.84 (Fp+FP)/All=(0+0)/25 vlmex0 Err:
15621 #mean response time steps=7.84 (Fp+FP)/All=(0+0)/25 vlmex0 Err:
15621 #mean response time steps=7.6 (Fp+FP)/All=(0+0)/25 vlmex2 Err:m0s1t4
15622 #mean response time steps=7.84 (Fp+FP)/All=(0+0)/25 vlmex3 Err:m0s1t4
15623 #mean response time steps=7.84 (Fp+FP)/All=(0+0)/25 vlmex3 Err:m0s1t4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               pth:.94 ts:4:0:3:1:2 t
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15594 mex:1 vl m2s1t4^2:16 0:16 0:16 1:30 0:26 1:33 1:38 1:41 vl m5s1t4^2:16 1:44 1:44 0:26 1:30 0:22 0:1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                43578 16578 1004gibbs-sr fn:./mineishi/text-indepdata.dat ns:5 ntx:5 ntx:10:7 pmin:0.05 pth disp:4 beta:0.6 pNr:.8 void:1 gibbs:0 mex:-1 l5580 #mean response time steps=3.48 (Fp+fp)/All=(0+0)/25 vlmex-1 Err: 15582 #mean response time steps=3.48 (Fp+fp)/All=(0+0)/25 vlmex-1 Err: 15582 #mean response time steps=3.48 (Fp+fp)/All=(0+0)/25 vlmex-2 Err: 15582 #mean response time steps=3.48 (Fp+fp)/All=(0+0)/25 vlmex-2 Err: 15582 #mean response time steps=3.48 (Fp+fp)/All=(0+0)/25 vlmex-2 Err: 15582 #mean response time steps=3.28 (Fp+fp)/All=(0+1)/25 vlmex-2 Err: 15582 #mean response time steps=3.28 (Fp+fp)/All=(0+0)/25 vlmex-2 Err: 15583 #mean response time steps=3.28 (Fp+fp)/All=(0+0)/25 vlmex-2 Err: 15583 #mean response time steps=3.52 *mex-2 Err: 15583 #mean response time steps=3.52 *mex-2
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#mean response time steps=3.48 (Fp+fp)/All=(0+0)/25 vlmex.1 Err:
#mean response time steps=3.48 (Fp+fp)/All=(0+0)/25 vlmex0 Err:IDm0slt3 IDm2slt4
#mean response time steps=4.04 (Fp+fp)/All=(0+0)/25 vlmex1 Err:IDm0slt3 IDm2slt4
#mean response time steps=4.04 (Fp+fp)/All=(0+0)/25 vlmex2 Err:IDm0slt3 IDm2slt4
#mean response time steps=4.04 (Fp+fp)/All=(0+1)/25 vlmex2 Err:IDm0slt3
#mean response time steps=3.25 (Fp+fp)/All=(0+1)/25 vlmex3 Err:IDm0slt4
#mean response time steps=3.26 (Fp+fp)/All=(0+0)/25 vlmex2 Err:IDm0slt4
#mean response time steps=3.26 (Fp-fp)/All=(0+0)/25 vlmex3 Err:IDm0slt4
#mean response time steps=3.26 (Fp-fp)/All=(0+0)/25 vlmex3 Err:IDm0slt4
#mean response time steps=3.81 (Fp-fp)/All=(0+0)/25 vlmex3 Err:IDm0slt4
#mean response time steps=4.04 (Fp-fp)/All=(0+0)/25 vlmex3 Err:IDm0slt4
#mean response time steps=3.26 (Fp-fp)/All=(0+0)/25 vlmex3 Err:IDm0slt4
#mean response time steps=4.04 (Fp-fp)/All=(0+0)/25 vlmex3 Err:IDm0slt4
#mean response time steps=3.26 (Fp-fp)/All=(0+0)/20 vlmex3 Err:IDm0slt4
#mean response time steps=3.26 (Fp-fp)/All=(0+0)/20 vlmex3 Err:IDm0slt4
#mean response time steps=3.26 (Fp-fp)/A
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15590 loo4gibbs-sr. Lo242 if (sebs:1 con:1.1
15591 loo4gibbs-sr. Lo242 if (sebs:1 con:1.1
15591 v1*mlsit2^1:16 l:49 l:48 0:36 l:41 l:43 1:43 0:39 0:35 l:36 0:34 c==mex:-1
15592 v1*mlsit2^1:16 l:40 l:16 0:16 0:16 l:13 0:22 0:23 0:32 0:32 c==mex:0 ??
15593 //coment-out Lo242 if (se=mex) continue;//do not use speech s=mex(void).//che
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      pmin:0.05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       #mean response time steps=4.56 (FP+FP)/All=(1+0)/25 vlmex-1 Brr:IDm5slt3 #mean response time steps=4.12 (FP+FP)/All=(1+0)/25 vlmex-1 Brr:IDm5slt3 #mean response time steps=4.12 (FP+FP)/All=(1+0)/25 vlmex1 Err: #mean response time steps=5.08 (FP+FP)/All=(2+0)/25 vlmex2 Err:IDm5slt3 #mean response time steps=5.08 (FP+FP)/All=(1+0)/25 vlmex2 Err:IDm5slt3 #mean response time steps=4.72 (FP+FP)/All=(1+0)/25 vlmex2 Err:IDm5slt3 #mean response time steps=4.72 (FP+FP)/All=(1+0)/25 vlmex3 Frr:IDm5slt3 #mean response time steps=4.72 #mean response time steps=4.72 #mean response time steps=4.72 #mean response 
15553 #mean response time steps=8.92 (Fp+fp)/All=(0+0)/25 vlmex2 Err:
15554 #mean response time steps=8.92 (Fp+fp)/All=(0+0)/25 vlmex3 Err:
15555 #mean response time steps=8.92 (Fp+fp)/All=(0+0)/25 vlmex4 Err:
15556 loo4gibbs=sr fn:../mineishi/text-indepdata.dat ns:5 ntx:5 ntx:10:10 j
disp:4 beta:.2 PNY:.7:.7:.7:.99 void:1:0.4 gibbs:1 mex: 1
15557 #mean response time steps=8.2 (Fp+fp)/All=(0+0)/25 vlmex-1 Err:
15558
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      fn:../mineishi/text-indepdata.dat ns:5 ntx:5 ntxi:10:10
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15653 #mean response time steps=4 (FprFP)/All=(042)/25 v0mex4

16653 #mean response time steps=7 (FprFP)/All=(042)/25 v0mex4

16653 #mean response time steps=7 (FprFP)/All=(040)/25 v0mex1

16654 #mean response time steps=7 (FprFP)/All=(040)/25 v0mex1

16655 #mean response time steps=7 (FprFP)/All=(040)/25 v0mex2

16655 #mean response time steps=7 (FprFP)/All=(040)/25 v0mex2

16656 #mean response time steps=7 (FprFP)/All=(040)/25 v0mex3

16656 #mean response time steps=7 (FprFP)/All=(040)/25 v0mex4

16656 #mean response time steps=7 (FprFP)/All=(040)/25 v0mex4

16656 #mean response time steps=7 (FprFP)/All=(040)/25 v0mex4

16660 #mean response time steps=7 (FprFP)/All=(040)/25 v0mex4

16661 #mean response time steps=6.76 (FprFP)/All=(040)/25 v0mex2

16661 #mean response time steps=6.76 (FprFP)/All=(040)/25 v0mex2

16661 #mean response time steps=6.76 (FprFP)/All=(040)/25 v0mex2

16662 #mean response time steps=6.76 (FprFP)/All=(040)/25 v0mex2

16663 #mean response time steps=6.76 (FprFP)/All=(040)/25 v0mex4

16665 #mean response time steps=6.76 (FprFP)/All=(040)/25 v0mex4

16666 #mean response time steps=6.76 (FprFP)/All=(040)/25 v0mex4

16666 #mean response time steps=6.76 (FprFP)/All=(040)/25 v0mex4

16667 #mean response time steps=6.76 (FprFP)/All=(040)/25 v0mex4

16669 #mean response time steps=1.8 (FprFP)/All=(040)/25 v0mex4

16667 #mean response time steps=2.92 (FprFP)/All=(040)/25 v0mex4

16670 #mean response time steps=2.92 (FprFP)/All=(040)/25 v0mex4

16671 #mean response time steps=2.92 (FprFP)/All=(040)/25 v0mex4

16671 #mean response time steps=2.92 (FprFP)/All=(040)/25 v0mex4

16672 #mean response time steps=2.92 (FprFP)/All=(040)/25 v0mex4

16672 #mean response time steps=2.
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以下の[11],[2],[3]が理論に合う結果?
・[1]のペイズでは、識別しきい値に達すると全て識別できるが, 1人ずつ除くと誤認識する.そこでしきい値を
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      15642 - [1]のベイズでは、識別しきい値に達すると全て識別できるが、1人ずつ除くと誤認識する、そこでしきい値を
大きくして
15645 を最低最大値で識別するようにすると,[2]の誤識別が起こる。(ntxi:10:8にするとok?)[3]のGibbsではうまく
いっている。
15644 bag of loo4gibbs-sr for void:0
15645 [1]Loo4gibbs-sr for "mineishi/text-indepdata.dat ns:5 ntxi:10:7 pmin:0.05 pth:.94 ts:4:0:3:1:
2 tdisp:4 beta:0.6 pwr:8 void:0 gibbs:0 mex:-1
15646 (Cf.ICONIP2011? loo4bayes-sr fn:../mineishi/text-indepdata.dat ns:5 ntxi:10:7 pmin:0.05 pth:.05 pth:0.05 pth:0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            #mean response time steps=3.28 (Fp+fp)/All=(0+0)/25 v0mex-1
#mean response time steps=3.28 (Fp+fp)/All=(0+0)/25 v0mex0
#mean response time steps=3.72 (Fp+fp)/All=(0+2)/25 v0mex1
#mean response time steps=3.72 (Fp+fp)/All=(0+2)/25 v0mex2
#mean response time steps=4 (Fp+fp)/All=(0+2)/25 v0mex3
#mean response time steps=4 (Fp+fp)/All=(0+1)/25 v0mex4

#mean response time steps=4 (Fp+fp)/All=(0+1)/25 v0mex4

[2]loo4gibbs-sr fn.../mineishi/text-indepdata.dat ns:5 ntx:5 ntxi:10:7 pmin:0.05 pth:.96 ts:4:0:3:1:
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                           #mean response time steps=5.44 (Fp+fp)/All=(0+1)/25 vOmex4
loo4gibbs-sr fn:../mineishi/text-indepdata.dat ns:5 ntx:5 ntxi:10:7 pmin:0.05 pth:.7 ts:4:0:3:1:2 td
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                                                                                                                                                                                                                                           0:15
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                                                                                                                                                                                                                                                                                        15682 loo4gibbs-sr fn:../mineishi/text-indepdata.dat ns:5 ntxi:5 ntxi:10:7 pmin:0.05 pth:.9 ts:4:0:3:1:2 15893 #mean response time steps=7 (Fp+Fp)/All=(0+0)/25 vOmex-1 <== all mex=-1,0,1,2,3,4 15684 loo4gibbs-sr fn:../mineishi/text-indepdata.dat ns:5 ntxi:10:7 pmin:0.05 pth:.7 ts:4:0:3:1:2 15874 beta:.6 PNr:.8 void:0 gibbs:1 mex:-1
                                                                                                                                                         nn response time steps=10 (Fp+fp)/All=(1+0)/25 vlmexl Err:m2slt4
vl m2slt4^2:16 0:08 0:14 1:28 0:25 1:37 1:40 1:42 0:39 0:36>vl m5slt4^2:16 0:05 1:19
steps=8.56 (Fp+fP)/All=(0+0)/25 vlmex4 Err
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(\mathrm{Fp}+\mathrm{Fp})/All=(0+1)/25 v0mex-1 #mean response time steps=5.44 (\mathrm{Fp}+\mathrm{Fp})/All=(0+1)/25 v0mex-1 #mean response time steps=5.45 (\mathrm{Fp}+\mathrm{Fp})/All=(0+1)/25 v0mex-1 #mean response time steps=6.45 (\mathrm{Fp}+\mathrm{Fp})/All=(0+1)/25 v0mex-1 #mean 
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(Fp+Fp)/All=(0+0)/25 v0mex3
         #mean response time
                                                                                                                                                                  #mean response time
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                                                                                          ==> pth:.8
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15716 Err:Case21:[4]<tl>
15717 #Lanax0:Case21:[4]<tl>
15717 #Lanax0:Case21:[4]<tl>
15717 #Lanax0:Case21:[4]<tl>
15718 #Lanax0:Case21:[4]
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15706 looqqibbs-sr fn:../mineishi/text-indepdata.dat ns:5 ntxi:10:7 pmin:0.05 pth:.96 ts:4:0:3:1:2 t disp:.4 beta:0.6 PMr:.8 void:1 gibbs:0 mex:-1
15707 looqqibbs-sr fn:../mineishi/text-indepdata.dat ns:5 ntxi:10:7 pmin:0.05 pth:.98 ts:4:0:3:1:2 t disp:.4 beta:0.6 PMr:.5 void:0 gibbs:0 mex:-1
15707 looqqibbs-sr fn:../mineishi/text-indepdata.dat ns:5 ntxi:10:7 pmin:0.05 pth:.98 ts:4:0:3:1:2 t ligh: 4 beta:0.6 PMr:.5 void:0 gibbs:0 mex:-1
15708 looqqibbs-sr fn:../mineishi/text-indepdata.dat ns:5 ntxi:10:7 pmin:0.05 pth:.97 ts:4:0:3:1:2 t
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   disp:4 beta:0.6 PNr:.5 void:0 gibbs:0 mex:-1
15709 loo4gibbs-sr fn:./mineishi/text-indepdata.dat ns:5 ntx:5 ntxi:10:7 pmin:0.05 pth:.8 ts:4:0:3:1:2 td
18710 loo4gibbs-sr fn:./mineishi/text-indepdata.dat ns:5 ntx:5 ntxi:10:7 pmin:0.05 pth:.7 ts:4:0:3:1:2 td
15710 loo4gibbs-sr fn:./mineishi/text-indepdata.dat ns:5 ntx:5 ntxi:10:7 pmin:0.05 pth:.7 ts:4:0:3:1:2 td
1sp:4 beta:.6 PNr:.8 void:1 gibbs:1 mex:-1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          loo4gibbs-sr fn:../mineishi/text-indepdata.dat ns:5 ntx:5 ntxi:10:10 pmin:0.05 pth:.97 ts:4:0:3:1:2 gibbs:1 mex:4 tdisp:4 beta:0.6 PNr:.95 Err:Case21:[3]<tl> ID(5)!=s(1),mex0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            fn:../mineishi/text-indepdata.dat ns:5 ntx:5 ntxi:10:10 pmin:0.05 pth:.97 ts:4:0:3:1:2 tdisp:4 beta:0.6 PNr:.4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ts:4:0:3:1:2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               15700 loo4gibbs-er fn:../mineishi/text-indepdata.dat ns:5 ntx:: ntxi:10:7 pmin:0.05 pth:.6 ts:4:0:3:1:2 isp:4 beta: 6 pwir: 8 void:0 gibbs:l mex:-1 l5701 #mean response time steps:4.64 (Fp+fp)/All=(0+0)/25 vlmex-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      15703 loo4gibbs-sr fn:../mineishi/text-indepdata.dat ns:5 ntx:5 ntxi:10:7 pmin:0.05 pth:.7 ts:4:0:3:1:2 isps:4 beta: 6 pwir: 8 void:1 gibbs:1 mex:-1 ls:704 #mean response time steps=5.8 (Fp+FP)/All=(0+0)/25 vlmex-1 ls:704 #mean response time steps=5.8 (Fp+FP)/All=(0+0)/25 vlmex-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               pth:.97
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ns:5 ntx:5 ntxi:10:10 pmin:0.05 pth:.97
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ns:5 ntx:5 ntxi:10:10
lap:4 beta:.6 PNr:.8 void:1 gibbs:1 mex:0
15692 #mean response time steps=5.8 (Fp+Fp)/All=(0+0)/25 vlmex-1
15693 #mean response time steps=6.04 (Fp+Fp)/All=(1+0)/25 vlmex-0
15694 #mean response time steps=6.25 (Fp+Fp)/All=(1+0)/25 vlmex-0
15695 #mean response time steps=6.04 (Fp+Fp)/All=(1+0)/25 vlmex-0
15696 #mean response time steps=6.12 (Fp+Fp)/All=(1+1)/25 vlmex-0
15697 #mean response time steps=6.04 (Fp+Fp)/All=(1+1)/25 vlmex-0
15697 #mean response time steps=6.04 (Fp+Fp)/All=(1+0)/25 vlmex-0
15698 #mean response time steps=6.04 (Fp+Fp)/All=(1+0)/25 vlmex-0
15699 #mean response time steps=6.04 vlmex-0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              void:1 gibbs:1 max:4 tdisp:4 beca:0.6 PNY:.95
1572 Err:case21:3|4-1- D(5):scl1), mex0
1572 Err:case21:3|4-1- D(5):scl1), mex1
1572 Err:case21:3|4-1- D(5):scl1), mex2
1572 Err:case21:3|4-1- D(5):scl1), mex2
1572 1 max:4 tdisp:4 beta:0.6 PNY:.95
1572 1 max:4 tdisp:4 beta:0.6 PNY:.91
1572 1 Err:case21:3|4-1- D(5):scl1), mex0
1572 1 Err:case21:3|4-1- D(5):scl1), mex0
1572 1 Err:case21:4|4-1- D(5):scl1), mex0
1572 1 Err:case21:4|4-1- D(5):scl1), mex0
1573 1 Err:case21:4|4-1- D(5):scl1), mex0
1573 1 Err:case21:1|4-1- D(5):scl1), mex0
1573 1 Err:case21:1|4-1- D(6):scl2), mex0
1573 1 Err:case21:1|4-1- D(6):scl2), mex0
1573 1 Err:case21:1|4-1- D(4):scl5), mex0
1573 1 Err:case21:1|4-1- D(4):scl5), mex0
1573 1 Err:case21:1|4-1- D(4):scl5), mex0
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Err: Case21:[4] +t2 x ID(4) | = 1816 (5), mex0
Err: Case21:[3] +t1 x ID(4) | = 1816 (5), mex1
Err: Case21:[4] +t2 x ID(2) | = 1816 (5), mex1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Err:Case21:[3]tt> ID(3)!=ns(5),mex2
Err:Case21:[1]tto ID(2)!=ns(5),mex3
Err:Case21:[4]tt> ID(2)!=ns(5),mex3
Err:Case21:[4]tt> ID(2)!=ns(5),mex3
Err:Case21:[3]
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ## donot belive below
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void:1
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2012.02.22

pmin:0.05 pth:.54:.6:.6:.75:.58 15802 #v2mex-1:Case21 Identification Error(FP+fP)/Total:0.000(0+0)/5;0.000(0+0)/5;0.000(0+0)/5;0.000(0+0)/5 5:000(0+0)/5:==>(0+0)/25 15803 #v2mex0:Case21 Identification Error(FP+fP)/Total:0.000(0+0)/5;0.000(0+0)/5;0.000(0+0)/5;0.000(0+0)/5 15801 loo4gibbs-sr fn:../mineishi/text-indepdata.dat ns:5 ntx:5 ntxi:10:5 ts:4:0:3:1:2 tdisp:4 void:2 beta:.5 PNr:.4 mex:-1 15800 15801

:0.000(0+0)/5:==>(0+0)/25 15804 #v2mex1:Case21 Identification Error(FP+fP)/Total:0.000(0+0)/5:0.000(0+0)/5:0.000(0+0)/5:0.200(1+0)/5 0.000(0+0)/5;==>(1+0)/25 15805 #v2mex2:Case21 Identification Error(FP+fP)/Total:0.000(0+0)/5;0.000(0+0)/5:0.000(0+0)/5:0.200(1+0)/5

0.000(0+0)/5;==>(1+0)/25 15806 #v2mex3:Case21 Identification Error(FP+fP)/Total:0.000(0+0)/5;0.000(0+0)/5;0.000(0+0)/5;0.

.0.200(1+0)/5;==>(2+0)/25 15807 #v%max4:case21 Identification Error(FP+fP)/Total:0.000(0+0)/5;0.000(0+0)/5;0.000(0+0)/5:0.200(1+0)/5 10.000(0+0)/5;==>(1+0)/25 15808 #void:0

pth:.54:.6:.6:.84:.7

5;0.000(0+0)/5;==>(0+0)/25

15812 2012.02.20 15813 (1)講職 40 同時數を修正した? 15814 (1)講職 40 同时 text-independent by gibbs 15814 ###[1] 例 text-independent by gibbs 15815 10-49gibbs-sr fn:../mineishi/fext-indepdata.dat ns:5 ntxi:10:10 pmin:0.05 pth:.54:.6:.6:.81:.7 15816 ###[1] M text-independent by gibbs 15816 ###[1] Oncologo (0.000 (0.0

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.0.200(1+0)/5;=>(2+0)/25 819 #NG#v2mex2:Case21 Identification Error(FP+fP)/Total:0.200(1+0)/5;0.000(0+0)/5;0.200(1+0)/5;0.000(0+0 Identification Error(FP+fP)/Total:0.000(0+0)/5:0.000(0+0)/5:0.000(0+0)/5:0.200(1+0 15818 #NG#v2mex1:Case21

Identification Error(FP+fP)/Total:0.000(0+0)/5;0.000(0+0)/5;0.000(0+0)/5;0.200(1+0)/5;0.200(1+0)/5;==>(3+0)/25 15820 #NG#v2mex3:Case21

1/500.200 (140)/5;==>(2+0)/55 15821 #04x7amex4.5case11 Identification Error(FP+FP)/Total:0.000(0+0)/5;0.000(0+0)/5;0.000(0+0)/5;0.000(0+0)/5;0.000(0+0)/5;0.000(0+0)/5;0.000(0+0)/5;0.000(0+0)/5;0.000(0+0)/5;0.000(0+0)/25 15822 #### In:./mineishl/text-independent by bayes 15822 10-04glibbs-sr fin:./mineishl/text-independata.dat ns:5 ntx:5 ntx:110:7 pmin:0.05 pth:0.98:0.98:0.98:0. 15823 10-04glibbs-sr fin:./mineishl/text-independata.dat ns:5 ntx:5 ntx:110:7 pmin:0.05 pth:0.98:0.98:0.98:0. 15824 #04x7amex-1:case21 Identification Error(FP+FP)/Total:0.000(0+0)/5;0.000(0+0)/5;0.000(0+0)/5:0.000(0+0)/5:==.(0+0)/25 15825 #04x7amex-1:case21 Identification Error(FP+FP)/Total:0.000(0+0)/5;0.000(0+0)/5;0.000(0+0)/5:==.(2+1)/25 15826 #064x7amex0:case21 Identification Error(FP+FP)/Total:0.000(0+0)/5;0.000(0+0)/5;0.000(0+0)/5:==.(2+1)/5:==.(2+1)/25 15826 #064x7amex0:case21 Identification Error(FP+FP)/Total:0.000(0+0)/5;0.000(0+0)/5;0.000(0+0)/5:0.000(0+0)/5:==.(2+1)/25;0.000(0+0)/5:0.00

)/5:0.200(140)/5;=>(4+1)/25 1838 #Nd4b3mex3:ess21 Identification Error(FP+FP)/Total:0.200(140)/5:0.000(040)/5:0.000(041)/5:0.000(040)/5)/5;0.400(1+1)/5;==>(2+2)/25 15827 #NG#v2mex2:Case21 Identification Error(FP+fP)/Total:0.400(1+1)/5;0.000(0+0)/5;0.200(1+0)/5;0.200(1+0

)/550.000(0-0)/5:=>(1+1)/55 15830 ##131 0046;Dbbs-sr fin: . /mineishi/text-dependated.dat ns:5 ntx:5 ntxi:10:10 pmin:0.05 pth:.54:.6:.6:.81:.71 15831 10-046;Dbbs-sr fin: . /mineishi/text-dependated.dat ns:5 ntxi:5 ntxi:10:17 pmin:0.05 pth:.54:.6:.6:.81:.71 15832 ##141 00 fit str-dependated by Dayses 15831 10-046;Dbbs-sr fin: . /mineishi/text-dependated.dat ns:5 ntxi:5 ntxi:10:7 pmin:0.05 pth:0.98:0.98:0.98:0.9 15833 10-046;Dbbs-sr fin: . /mineishi/text-dependated.dat ns:5 ntxi:0 non(0+0)/5:0.000(0+0)/5:0.000(0+0)/5:0.000(0+0)/5:0.000(0+0)/5:0.200(1+0)/5:=>(1+0)/2:=>(1+0)/2:=>(1+0)/2:=>(1+0)/2:=>(1+0)/2:=>(1+0)/2:=>(1+0)/2:=>(1+0)/2:=>(1+0)/2:=>(1+0)/2:=>(1+0)/2:0.000(0+0)/2:0.000(

)/5;0.000(0+0)/5;==>(1+0)/25 15836

2012.02.15a

15838

(1) loosqoibbs-srにオブションgibbs:<mode>を使えるようにした. (必要無いところでプログラムの違いが出ないように.) gibbs:<mode> gibbs:1でギブス分布, gibbs:0で従来のベイズ推定.

15863

使う話者識別プログラム 2012.02.14 (1) ギブス分布を使う話者識別プログラム (1004gibbs-sr.c)

mex:-1で 識別率 100%, mex:4で1個間違いとで 15864 (1) ギブスかゆをな、..... 15866 (1) ギブスかゆをな、..... 15866 (2) ボのオブジョン void:cn>, mex:cm>, pth:cpthl>:cpth2>:.. を追加した 15866 (2) ボのオブジョン void:cn>, mex:cm>, pth:cpthl>:cpth2>:.. を追加した 15867 void:voidial 別報を使う、初期確率はすべての学習機械が1(=1-pmin),他の学習機械は0(=pmint=0.0 15868 void:2 void識別器を使う、初期確率はvoidの学習機械が1(=1-pmin),他の学習機械は0(=pmint=0.0 15869 void:2 void識別器を使う、初期確率はvoidの学習機械が1(=1-pmin),他の学習機械は0(=pmint=0.0 15870 mex:cm> 学習機械cm>を識別に用いない、m=-1のときはすべて使う。 15871 pth:cpthl>:cpth2>:.. テキスト毎に認識のしきい値を設定する。 15871 pth:cpthl>:cpth2>:.. テキスト毎に認識のしきい値を設定する。

良い識別率を達成するパラメタは見つかっていない(見つかるかもしれないが…)

15877 loo4glbbs-sr fn:./wineishi/text-indepdata.dat ns:5 ntx:5 ntxi:10:7 pwin:0.03 pth:.64:.6:.6:.91:.76 ts:4:0:3:1:2 tdisp:4 void:2 beta:1 mex:3 15878 ###[1] text-independent by gibbs

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15937 #v2:Casel usePP Identification Error:0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.0
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1593 #void:2 beta:2 mex:4 Perfect!
1594 #void:2 beta:2 mex:4 perfect!
1595 #void:2 beta:2 mex:4 perfect!
1596 #void:2 beta:2 mex:4 perfect|
1597 #void:2 beta:2 mex:4 perfect|
1598 #void:2 beta:3 mex:4 perfect|
1598 #void:2 beta:3 be
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15949 #v2:Casel usepp Identification Error:0.000(0/25FD0)0.000(0/25FD0)0.000(0/25FD0)0.000(0/25FD0)0.000(0/25FD0)0.000(0/25FD0)0.000(0/25FD0)0.000(0/25FD0)0.000(0/25FD0)0.000(0/25FD0)0.000(0/25FD0)0.000(0/25FD0)0.000(0/25FD0)0.000(0/25FD0)0.000(0/25FD0)0.000(0/25FD0)0.000(0/25FD0)0.000(0/25FD0)0.000(0/25FD0)0.000(0/25FD0)0.000(0/25FD0)0.000(0/25FD0)0.000(0/25FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.000(0/20FD0)0.00
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19579 #VILUSEPP Identification (tP,fP):-t4>5@(5,0)[1.8,0]<-t0>5@(5,0)[1.6,0]<-t3>5@(5,0)[1.8,0]<-t1>5@(5,0)[
2.2,0]<-t2>5@(5,0)[1.4,0]
15980 #VI:Casel usePP Identification Error:0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)
15981 #VI:Case2 usePP Identification Error:0.000(0/25)0.000(0/25)0.000(0/25)0.000(0/25)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MinhmaxFb->Better to use'ts:0:4331:2.?
Minbirz->Better to use'ts:0:4435121?
#Bayes Verification (tp.fp):et45(6,0)[3.2,0]<t0>(5,1)[2.2,2]<t3>(5,0)[2.6,0]<t1>(5,4)[3.6,3]<t2>(4,0)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               15944 ###[4] text-dependent by bayes
15941 h###[4] text-dependent by bayes
15942 h###[4] text-dependent by bayes
15942 h###[4] text fill. "minelabilext-depdata2.dat ns:5 ntxi:10:7 pmin:0.05 pth:0.98:0.98:0.98:0.98
15945 hvoid:2 mex:-1 perfect
15946 hvoid:2 mex:-1 perfect
15947 hvo:usePP ladenification (tP,fP):<-t4>5@(5,0)[3.8,0]<-t0>5@(5,0)[2.8,0]
15947 pt.2>5@(5,0)[2.8,0]
15948 hv2:Casel usePP Identification Exror:0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)
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                                                                                                                                MinErr->Better to use'ts:2:0:4:3:1'?
#Bayes Verification (tP,fP):ct4>(5,0)[2.2,0]ct0>(5,0)[2,0]ct3>(5,0)[2.4,0]ct1>(5,0)[2.6,0]ct2>(5,0)[
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#Bayes Verification FP:0.000(0/20)0.000(0/20)0.000(0/20)0.000(0/20)
#Bayes Verification FP:0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)

Erric4]=0.038Erric50=0.02Erric51=0.032Erric51=0.034Erric51=0.016

#BIN Identification v1(tP,fP):<44>65(5,0)[2.2,0]<40>65(5,0)[1.8,0]<43>65(5,0)[2.2,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0]<41.8,0
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                                                                                                                                                                                                                                                                  15935 #void:2 beta:1 mex:-1 Perfect!
15936 #void:2 beta:1 mex:-1 Perfect!
15936 #void:2 beta:1 mex:-1 Perfect!
01ct2>5e(5,0)[2,0]<12,0]
15937 #v2:0sePp Identification (tP,fP):<t4>5e(5,0)[3,0]<t0>0]<t2>5e(5,0)[2,0]
15937 #v2:0sel usePp Identification Exror:0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)
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MinMmaxFN->Better to use'ts:4:0:1:3:2?
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#1004vowels N:2 k:9 rsa:2:0.7:1:20 faf ffs fkm fks fms fsu #5-class Accuracy=0.975=78/80 160067 160070 160070 160070 160070 160070 160070 160080 16033 #Bayes Varification Error Rate:0.000(0/25)0.040(1/25)0.000(0/25)0.040(1/25)
16034 #Bayes Varification Error Rate:0.000(0/25)0.040(1/25)0.040(1/25)
16035 #Bayes Varification FP:0.000(0/20)0.050(1/20)0.000(0/20)0.000(0/20)
16036 #Bayes Varification FP:0.000(0/20)0.000(0/5)0.000(0/5)0.000(1/20)
16036 Errit(ad=0.025Errit(a)=0.056Errit(1)=0.046Errit(1)=0.14Errit(2)=0.13
16036 Errit(ad=0.025Errit(1)=0.056Errit(1)=0.046Errit(1)=0.14Errit(2)=0.13
16036 Errit(ad=0.025Errit(1)=0.056Errit(1)=0.046Errit(1)=0.14Errit(2)=0.13
16036 Errit(ad=0.025Errit(1)=0.056Errit(1)=0.000(0/5)0.000(0/5 cdisps. 4 cocrayes St. III..., mannerably tack through accorded in the first process. The first process of the fir mmy 16024 loo4bayes-sr fn:../mineishi/text-indepdata.dat ns:5 ntx:5 ntxi:10:7 pmin:0.05 pth:0.98 ts:4:0:3:1:2 2]<t2><0.3(3.1)[3.66667.4]

15997 #v1:usepp Identification (tP,FP):<t4>5@(5,0)[3,0]<t0>5@(5,1)[2.2,2]<t3>5@(5,0)[2.6,0]<t1>5@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5>4@(5,0)[3,0]<t5 $\#BIN \ Identification \ v1(tP,fP): <t4>@5(5,1)[3.4,3]<t0>@4(4,2)[1.5,3.5]<t3>@4(4,1)[2.5,6]<t1>@3(3,2)[3,2)[3,4]$ pmin:0.05 pth:0.98 ts:4:0:3:1:2 mms #Original Verification Error Rate: 0.028(7/250)0.020(5/250)0.032(8/250)0.044(11/250)0.016(4/250) # Poriginal Verification PF Rate: 0.020(4/200)0.015(3/200)0.025(5/200)0.020(4/200) 0.205(4/200) # Poriginal Verification FW Rate: 0.060(3/50)0.016(3/50)0.060(3/50)0.000(0/50) # MinMmaxFW-sBetter to use 'ts:2:0:3:411.? # MinMmaxFW-sBetter to use 'ts:2:0:3:41.? # MinMmaxFP-SBetter to use 'ts:2:0:3:41.? loo4bayes-sr fn:../mineishi/text-indepdata.dat ns:5 ntx:5 ntx:10 yth:0 ist:0 ts:0:1:2:3:4 mau usePP Identification Error:0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.200(1/5) 16021 #v1:Casel usePP Identification Error:0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/5)0.000(0/25)0.000(0 fyn ftk 2-class ACC(=for a,b,c,d). ACC=1(abcd4,0,0,1) ACC=1(abcd4,0,0,1) ACC=1(abcd4,0,0,1) $\begin{array}{lll} \mathtt{FP:0.000(0/20)\,0.050(1/20)\,0.000(0/20)\,0.200(4/20)\,0.000(0/20)} \\ \mathtt{FN:0.000(0/5)\,0.000$ ffs fkm fks fms use min_t max_m FN[m][t]
loobbayes-sr fn:../mineishi/text-indepdata.dat ns:5 ntxi:10 yth:0
better?
loo4bayes-sr fn:../mineishi/text-indepdata.dat ns:5 ntxi5 ntxii:10 yth:-. fn:../mineishi/text-depdata2.dat ns:5 ntx:5 ntxi:10:7 faf r correct,wrong), 2-->a OK.Acc=1(1,0). Av ->i OK.Acc=1(2,0). Av ->u OK.Acc=1(3,0). Av dir:../sato/vowels/512 mnm msh mtm mtt mxm 16059 #Result of recognition: 5-class Acc(for co. 16060 #fafa=a+0.92 -0.96 -0.89 -0.76 -0.80 a->a (16061 #fafa=1:-0.89 +0.50 -0.79 -1.00 -0.96 i->i (16062 #fafa=u:-0.89 +0.50 +0.79 -0.84 -0.88 -0.90 (16062 #fafa=u:-0.84 -0.68 +0.79 -0.84 -0.88 -0.90 (16062 #fafa=u:-0.84 -0.68 +0.79 -0.88 -0.88 -0.80 (16062 #fafa=u:-0.88 -0.68 +0.79 -0.88 -0.88 -0.80 (16062 #fafa=u:-0.88 -0. tex (2) emacs tmp/loo4gp.dat for table of (3) gnuplot tmp/loo4bayes.plt for fig loo4vowels N:2 k:8 rsa:2:0.7:1:20 #Bayes Verification #Bayes Verification Err[t4]=0.092Err[t0] #v1:Casel usePP
#v1:Case2 usePP loo4bayes-sr #dataF 080202 [2] [1] 16058

mxm mtt mtm msh mum mmy

fyn man mms

ftk

ACCURACY=0.9725=389/400=(317+72)/(317+3+8+72) 7:1:20

#2-class #rsa:2:0.

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16224

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| 16233 #ACC
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export cmd="mkpat4ford08 method:2 fil:2:1:266 file:3:273.013:88.7854 cep:1:30"
mkpat4ford08 method:2 file:2:1::266 file:3:273.013:58.7854 cep:1:30 DiSp:1 <...satovowels/512/faf-a.dat
                                                                                                                                                                                                                                                              u mms mmy min msh mtm mtt mxm
16154 #2-class Accuracy-6925=77/80
16155 #2-class Accuracy-0.8325=333/400=(320+13)/(320+0+67+13)
16156 1004vowels N:2 k:8 rsa:2:0.7:1:20 r:2:1:0 dir:../sato/vowels/512 faf ffs fkm fks fms fsu ftk fyn
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16222 ##mkpat4ford08 method:2 flt:2:1:266 DISP:1 <../satovowels/s512/faf-a.dat>tmp.dat
16223 ###Use 'flt:2:1:266 flt:3:268.793:57.8692' for faster or PC without mathematica.#k=266
                                                                                                                                                                                                                               loo4vowels N:2 k:8 rsa:2:0.7:1:20 r:2:1:-1 dir:../sato/vowels/512 faf ffs fkm fks fms
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cd orig
for vin a i u e o; do
for name in faf ffs fkm fks fms fsu ftk fyn mau mms mmy mnn msh mtm
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  #tgif -print -gif $f.obj; convert -size 120x120 $f.gif eps2:$f.eps
convert -size 120x120 $f.gif eps2:$f.eps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 #tgif -print -gif $f.obj; convert -size 120x120 $f.gif eps2:$f.eps convert -size 120x120 $f.gif eps2:$f.eps
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#xss:212:0:7:1:40
#253:2258 ACCURACY=0.975=78/80.
#2-class ACCURACY=0.9675=387/400=(317+70)/(317+3+10+70)
                                                                                                                                                                                                                                                                                                                                                                                                                          mms mmy mnm msh mtn mtt mxm
16157 #5-class Accuracy=0.8625=69/80
16158 #2-class Accuracy=0.97=388/400=(317+71)/(317+3+9+71)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       fks fms fsu ftk fyn mau mms
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tail
tail
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             →物を描
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       gnuplc <eDOF

#set terminal tgif
#set output "$f.obj"
set terminal gif
set terminal gif
plot "$f.gif"
plot "$f.dat" using 0:1 w lp
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               export f="ftk-i" ; head -1000
export f="ftk-e" ; head -1000
export f="fms-u" ; head -1000
#5-class Accuracy=0.975=78/80
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              plot "$f.dat" using 0:1 w lp
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#melf=2595*log10(1+f/700)
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export n=512
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for name in faf ffs fkm
f=${name}-${v}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               đo
fkm
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              jlatex showvowels.tex
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              gnuplot <<EOF
#set terminal tgif
#set output "$f.obj"</pre>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ../showvowels.tex
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      for v in a i u e o; for name in faf ffs:
f=${name}-${v}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      "$f.gif"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        f=${name}-${v}
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             mkdir ${n}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            echo $f
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     echo $f
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readmecan2mspeech.txt Jun 19 2021 08:15:37 mkpat4ford08 method:2 flt:2:1:266 flt:3:268.793:57.8692 cep:1:30 DISP:1 <../satovowels/512/faf-a.dat

cmd='vowelrecogy3 te:kita tr:fuku:kita:kosi:sanuki:take:yama k:108 N:1 m:poles4 dir:../onsei07 rsa::20 DiffMode:0 T:100 t::0:150:300:150 DISP:0 > /dev/null'
mean distance of poles of 'aiueo' of kita and tr:fuku are as follows.
0.04176* 0.047265 0.055032 0.051740 0.04296 #te:kita-a->fuku-a
0.03946* 0.035564 0.036539 0.038957 0.037960 #te:kita-i->fuku-a
0.05844* 0.035564 0.036569 0.041246 0.03954 #te:kita-i->fuku-a
0.05849 0.048072* 0.046004 0.052610 0.05438 #te:kita-a->fuku-i
0.05176 0.050905 0.051780 0.051260 0.050349* #te:kita-a->kosi-o dir:../onsei07 rsa:-1 mtm mtt mxm (1) y(t)-3(L)-1(L)-1,...,y(t-k)) (1) y(t)=f(x(t))=f(y(t-1),...,y(t-k)) y(t)=y(t)-y(t)y-y(t)のような複数の時系列の和の時系列に対して、y(t)=f(x(t))=f(y(t-1),...,y(t-k)) として学習・予測するための次元。k は個々に必要なk1,k2よりも大きくしないと(k=k4-k2または最小公倍数と関係の学習できない。例えば、治声信号 y1(t),alias信号を y2(t) とすると、y1(t)を学習できない。例えば、治声信号 y1(t),alias信号を y2(t)とすると、y1(t)を生物を可能なk1よりもかなり大きくしないと学習がうまくいかず予測もうまくいかない。 take-iを rsa:-1:0,7:1:20 k=9 N=33 で学習予測すると、予測の後半で大きく激しい振動が起こるが、これは次元とのががパッチラスためを習り体がラまくいかなかったと考えられる。 (1) bagging は予測のぼらつきを小さくすることができる rsa:2:0,7:1:20 k=9 N=33 は、予測誤差は大きいが、発散しないや学習が悪くても予測は発散しない? rsa:2:0,7:1:20 k=9 N=33 は、予測誤差は大きいが、発散しないや学習が悪くても予測は発散しない? mms mmy mnm msh mtm mtt mxm mnm msh ###te:Kita-alueo-t300+450 are recognized as aaiio (rate=2/5).###

acm='vowelrecogy1 elektra tr:fuku:Kita.Kosi:sanukki:take:yama k:54 N:1 m:poles4

20 DiffMode:O T:100 tt:0:150 DISP:0 > /dev/mull.
mean distance of poles of 'alueo' of kita and tr:fuku are as follows.

mean distance of poles of 'alueo' of kita and tr:fuku are as follows.

0.03152* 0.05044 0.045928 0.050374 0.049715 #te:kita-a-xkita-a

0.090577 0.073495* 0.080941 0.079126 0.090917 #te:kita-u-xkita-i mmy (3) よって、大きいkのbaggingCaN2は,学習予測はうまくいく?が、計算時間は膨大。
 (4) よって、大きいkのsingleCaN2は、学習予測はそこそうまくいく?。計算時間小。
 (5) 大きいたで学習予測がうまくいくと、母音情報以外の情報が含まれる。
 (7) 大きいたのかれたままれる。
 (7) 大きいたのりかは(りのみが母音情報を含むとき, y(2)を除くには? mtm mtt mxm" u mms 1 #N04Acc=0.965=386/400=(306+80)/(306+14+0+80) for N12 K:9 B:19 alpha:0.7 #N04Acc=0.965=386/400=(313+80)/(313+7+0+80) for N12 K:9 B:20 alpha:0.7 #N04Acc=0.9625=385/400=(315+80)/(313+7+0+80) for N12 K:9 B:21 alpha:0.7 #N04Acc=0.975=380/400=(310+80)/(310+16+0+80) for N12 K:9 B:21 alpha:0.7 #N04Acc=0.975=383/400=(310+80)/(310+16+0+80) for N12 K:9 B:22 alpha:0.7 #N04Acc=0.9575=383/400=(305+80)/(296+24+0+80) for N12 K:9 B:30 #N04Acc=0.9375=374/400=(296+80)/(295+26+0+80) for N12 K:9 B:40 #N04Acc=0.9375=374/400=(296+80)/(295+26+0+80) for N12 K:9 B:40 (4) Leave-One-Out method
loo4vowels N:2 k:9 rsa:2:0,7:1:20 faf ffe fkm fks fms fsu ftk fyn mau
loo4vowels N:2 k:9 rsa:2:0,7:1:20 ***
#ACC=0.995=398/400=(318+80)/(318+2+0+80) for N:2 k:9 rsa:2:0,7:1:20 ***
#ACC=0.995=398/4400=(318+80)/(318+2+0+80) for N:2 k:9 rsa:2:0,7:1:30
#ACC=0.995=398/400=(318+80)/(318+2+0+80) for N:2 k:9 rsa:2:0,7:1:50 #ACC=0.9925=397/400=(317+80)/(317+3+0+80)for N:2 k:9 rsa:2:0.7:11:100 #ACC=0.98=386/400=(316-80)/(316+40+80) for N:2 k:9 rsa:2:0.7:11:50 #ACC=0.985=394/400=(314+80)/(314+6+0+80) for N:2 k:9 rsa:2:0.7:11:20 #ACC=0.99=396/400=(316+80)/(316+4+0+80) for N:3 k:9 rsa:2:0.7:1:20 #ACC=0.99=386/400=(316+80)/(316+4+0+80) for N:1 k:9 rsa:2:0.7:1:20 #ACC=0.9925=394/400=(314+80)/(314+6+0+80) for N:2 k:8 rsa:2:0.7:1:20 #ACC=0.9925=394/400=(314+80)/(314+6+0+80) for N:2 k:9 rsa:1:1.0:1:50 #ACC=0.9925=397/400=(317+80)/(3174+3+0+80) for N:2 k:9 rsa:1:1.0:1:50 #ACC=0.9925=397/400=(317+80)/(3173+3+0+80) for N:2 k:9 rsa:2:0.61:50 #ACC=0.9925=397/400=(317+80)/(317+3+0+80) for N:2 k:9 rsa:2:0.61:50 #NG#ACC=0.96=384/400=(304+80)/(304+16+0+80) N:2 K:9 B:20 alpha:0.8 #NG#ACC=0.95=380/400=(300+80)/(300+20+0+80) N:2 K:9 B:30 alpha:0.8 #NG#ACC=0.9325=373/400=(293+80)/(293+27+0+80) N:2 K:9 B:30 alpha:0.6 #NG#ACC=0.9325=375/400=(293+80)/(295+27+0+80) N:2 K:9 B:30 alpha:0.6 #NG#ACC=0.3375=7576/400=(295+80)/(295+25+0+80) N:2 K:9 B:20 alpha:0.6 #NG#ACC-0.94=376.400-(296+90)/(296+24+0+80) for N:3 K:9 B:20 #NVARACC-6.945=377/400-(297+80)/(297+80)/(297+80)/N:3 K:9 B:20 #NVARACC-6.945=377/400-(310+80)/(310+80) for N:1 K:9 B:20 #NVARACC-6.957=390/400=(310+80)/(310+10+0+80) for N:1 K:9 B:20 tmp.dat

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23 #rsa=rsa:2:0.7:1:20 k=54 N=1 mp=mp:1:1:1 DM=DlffMode:1 H=Hosei:2 g=g:5e-3 w=w:0.2 T=100 ;date
24 cmd="./tspredv3 smooth_${bw}.dat ${tf}-${tt}.${pt}.${pt}.${pt} ${mp} ${m} ${H} N:${N}-$n:1 M:1-1:1 ib:0:0
${traa} k:${k} y:0:0:0:1 ${g} ${w} T:${T} vt:0.5 vr:10"
22 time $cmd > dev/null ;date
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      #checklorenz#cmd="./tspredv3 $fn ${tf}-${tt}:${pf}-${pt} ${mp} ${mp} ${m} ${H} N:${N}-$N:1 M:1-1:1 ib:0:0 sea k:${k} y:0:0:0:1 ${g} ${w} T:${T} vt:0.5 vr:10" #checklorenz#time $cmd >/dev/null ;date
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             tf=1000;tl=1000;tt='expr %{tf} + ${t1}':pf=$tt:pl=300:pt='expr ${pf} + ${pl}' #
#rsa=rsa:-1:0.7:1:20 k=10 N=33 mp=mp:1:1:1 DM=DiffMode:0 H=Hosei:1 g=g:Se-3 w=w:0.2 T=100 ; to=${frt
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             80
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             K54Nlmpl:1:1.000000H1-dy #bw=0 rsa:2:0.7:1:20 k=54 N=1 take-i
16343 #MSE=8.607817e+03(NMSE3.514845e-01)(n300) 1000-2000:2000-2300K54Nlmpl:1:1.000000H1-y #bw=0 rsa:2:0.7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        #checklorenz#tf=0:t1=1900;tt='expr ${tt} + ${t1}';pf=$tt;pl=100;pt='expr ${pf} + ${p1}' # #checklorenz#tsa=rsa:-1:0.7:1:20 k=5 N=200 mp=mp:1:1:1 DM=DiffMode:0 H=Hosei:1 g=g:5e-3 w=w:0.2 T=10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               #checklorenz##rsa=rsa:2:0.7:1:20 k=10 N=6 mp=mp:1:1:1 DM=DiffMode:0 H=Hosei:1 g=g:5e-3 w=w:0.2 T=100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  rsa=rsa:-1:0.7:1:20 k=108 N=1 mp=mp:1:1:1 DM=DiffMode:0 H=Hosei:1 g=g:5e-3 w=w:0.2 T=100 ; to=${frt1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       16338 #rsa=rsa:-1:0.7:1:20 k=54 N=1 mp=mp:1:1:1 DM=D1ffMode:0 H=Hosei:1 g=g:5e-3 w=w:0.2 T=100 ; to=${frtl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          #checklorenz##rsa=rsa:-1:0.7:1:20 k=10 N=10 mp=mp:1:1:1 DM=DiffMode:0 H=Hosei:1 g=g:5e-3 w=w:0.2 T=1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   #MSE=4.850070e+05(NMSEI.075298e+00)(n300) 1000-2000:2000-2300k108N1mp1:1:1.000000H1-y #take-a not
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             #CheckLorenz##NSE=6.718251e+00(NMSE1.057440e-01)(n100) 0-1900:1900-2000k5NZ00mp1:1:1.000000H1-y
#checkLorenz##NSE=6.774789e+00(NMSE1.06539e-01)(n100) 0-1900:1900-2000k8NZ00mp1:1:1.000000H1-y
#checkLorenz##NSE=6.774789e+00(NMSE1.32436e-01)(n100) 0-1900:1900-2000k9NZ00mp1:1:1.000000H1-y
#checkLorenz##NSE=9.796426e+00(NMSE1.541210e-01)(n100) 0-1900:1900-2000k1NZ00mp1:1:1.000000H1-y
#checkLorenz##NSE=1.036681e+01(NMSE1.61210e-01)(n100) 0-1900:1900-2000kNZ00mp1:1:1.000000H1-y
#checkLorenz##NSE=1.0965681e+01(NMSE1.43756e-01)(n100) 0-1900:1900-2000kSNZ10mp1:1:1.000000H1-y
#checkLorenz##NSE=9.057635e+01(NMSE1.43564e+00)(n100) 0-1900:1900-2000kSNZ0mp1:1:1.000000H1-y
#checkLorenz##NSE=9.05651e+01(NMSE1.558480e+00)(n100) 0-1900:1900-2000kSNZ0mp1:1:1.000000H1-y
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           #MSE=8.220460e+03(NMSE3.356675e-01)(n300) 1000-2000:2300k108NImpl:1:1.000000H1-y #take-1 #MSE=2.12283He-04(NMSE3.82037e-02) n380) 1000-2000:23000-2300k108NImpl:1:1.000000H1-y #take-1 #MSE=2.12283He-04(NMSE5.998219e-02)(n300) 1000-2000:23000-2300k108NImpl:1:1.000000H1-y #take-0 #MSE=4.930449e+03(NMSE5.998219e-02)(n300) 1000-2000:23000-2300k108NImpl:1:1.000000H1-y #take-0 #MSE=4.930438e+04(NMSE3.21655e-01)(n300) 1000-2000:23000-2300k108NImpl:1:1.000000H1-y #take-0
0.046864* 0.059241 #te:kita-e->kita-e 0.045823 0.035850* #te:kita-o->kosi-o
                                                                                                                                                                                                                                                                                                                 ###te:kita-aiueo-t300+450 are recognized as aiuao (rate=4/5).###
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   #checklorenz#070806 #checklorenz#fn=/home/kuro/tex/lecture/ChinoSystem/07/07tsl.dat
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16409 #checklorenz#k=8;N=900;tu=*expr ${ft} | *ft]*pf=${ft} pi=100;pt=*expr ${ft} | *ftp], #ft
16410 #checklorenz#mp=mp:1:1:1 DN=Differode:0 H=Hosei:1 g=g:5e-3 w=w:0.2 T=100 :date
16411 #checklorenz#mm=mp:1:1:1 DN=Differode:0 H=Hosei:1 g=g:5e-3 w=w:0.2 T=100 :date
10411 #checklorenz#mm="."tepredv3 $ft %{tf}-${tt}:${pf}-${tt}:${pf}-${pt} ${mp} ${Dh} ${H} N:${N}-$N:1 M:1-1:1 ib:0:0
105 $fras] *F:3{k} y:0:0:0:0.${q} ${m} y:2{m} 
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#rsa=rsa:-1:0.7:1:20 k=10 N=33 mp=mp:1:1:1 DM=D1ffMode:0 H=Hosei:1 g=g:5e-3 w=w:0.2 T=100 ; to=${frt
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1383 #checkloren####:07ran v:null LDnanLvarO.00e+00LvarO0.00e+00Ltrainl.684e-04hnanLvall=2.500e-13N:169-
1383 #checkloren###:07rain v:null LDnanLvarO.00e+00LvarO0.00e+00Ltrainl.684e-04hnanLvall=2.500e-13N:169-
1384 #checkloren##fn=/home/kuro/tex/lecture/ChinoSystem/07/07tsl.dat
16389 #checkloren##fn=/home/kuro/tex/lecture/ChinoSystem/07/07tsl.dat
16386 #checkloren##fn=/home/kuro/tex/lecture/ChinoSystem/07/07tsl.dat
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16386 #checkloren##fn=/home/kuro/tex/lecture/ChinoSystem/07/07tsl.dat
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#checkLovenz#tf=0;tl=1900:tt='expr ${tf} + ${t1}':pf=$tt:pl=100:pt='expr ${pf} + ${p1}' #
#checkLovenz#trsa=rsa:-1:0.7:1:20 k=5 N=200 mp=mp:1:1:1 DM=DiffNode:0 H=Hosei:1 g=g:5e-3 w=w:0.2 T=1
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16388 #checklorenz##rsa=rsa:-1:0.7:1:20 k=10 N=10 mp=mp:1:1:1 DM=DiffMode:0 H=Hosei:1 g=g:5e-3 w=w:0.2 T=1
00; to=${frtl}
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16379 #checklorenz#t:07txain v:null LDnanLvax0.00e+00Lvax00.00e+00Ltxain4.794e-05HnanLval0=2.500e-13N:425-
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16382 #checklorenz#t:07train v:null LDnanLvar0.00e+00Lvar00.00e+00Ltrain1.636e-04HnanLval0=1.600e-13N:171-
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16431 #MSE=8.604056e+03(NMSE3.513309e-01)(n300) 1000-2000:2000-2300k54Nlmpl:11:1.000000H1-y #bw=0 rsa:-1:0.
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                                                                                                                                                                                                                                                                                                                                                    16377 #checklorenz#time ens2ge ${train} ${pred} N:1-500:1 M:1-1:1 ib:0:0:0:0 ${rsa} k:${k} >/dev/null
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16430 #MSE=1.649300e+04(NMSE6.734613e-01)(n300) 1000-2000:2000-2300k54N2mp1:1:1.000000H1-y #bw=0
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#checklorenz#expert rsarsas 10.71:120 train=${fn1} pred=/dev/nul1
#checklorenz#expert rsarsas 1.10.71:120 mp=mp:11:11 DM=DiffMode:0 H=Rosei:1
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16432 #MSE-4.280764e+04(NMSE2.792716e-01)(n300) 1000-2000:2000-2300k54N6mpl:1:1.000000H1-y #bw=0 rsa:2:0.7
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16443 #rsa=rsa:-1:0.7:1:20 k=10 N=33 mp=mp:1:1:1 DM=DiffMode:0 H=Hosei:1 g=g:5e-3 w=w:0.2 T=100 ; to=${frt
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   16444 rsa=rsa:-1:0.7:1:20 k=10 N=10 mp=mp:1:1:1 DM=DiffMode:0 H=Hosei:1 g=g:5e-3 w=w:0.2 T=100 ; to=${frtl
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                                                                                                                                       16433 #MSE=6.943526e+03(NMSE2.835262e-01)(n300) 1000-2000:2000-2300k108N6mp1:1:1.000000H1-y #bw=0 rsa:2:0
                                                                                                                                                                                                                                                    #MSE=3.771251e+05(NMSE8.361158e-01)(n300) 1000-2000:2000-2300K54N1mp1:1:1.000000H1-y #bw=0 k=54 N=1
                                                                                                                                                                                                                                                                                                                              #MSE=4.229602e+05(NMSE1.160003e+00)(n300) 1000-2000:2000-2300K54N1mp1:1:1.000000H1-y #bw=0 k=54 N=1
                                                                                                                                                                                                                                                                                                                                                                                                         #MSE=3.341643e+05(NMSE2.162712e+00)(n300) 1000-2000:2000-2300k54N1mp1:1:1.000000H1-y #bw=0 k=54 N=1
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16477 set output "k9N37take-1.ob'; plot "predictDM0:rsa-1k9N33t1000-1200-take-i.dat" using 2:3 w 1,
16477 set output "k9N37take-u.ob'"; plot "predictDM0:rsa-1k9N33t1000-1200-take-u.dat" using 2:3 w 1,
16477 set output "k9N33take-u.ob'"; plot "predictDM0:rsa-1k9N33t1000-1200-take-u.dat" using 2:3 w 1,
16478 set output "k9N33take-u.ob'"; plot "predictDM0:rsa-1k9N33t1000-1200-take-e.ob'"; plot "predictDM0:rsa-1k9N33t1000-1200-take-e.ob'"; plot "predictDM0:rsa-1k9N33t1000-1200-take-e.ob'"; plot "predictDM0:rsa-1k9N33t1000-1200-take-e.ob'"; plot "predictDM0:rsa-1k9N33t1000-1200-take-e.ob''; plot "predictDM0:rsa-1k9N33t1000-1200-take-e.ob''; plot "predictDM0:rsa-1k9N33t1000-1200-take-e.ob''; plot "predictDM0:rsa-1k9N33t1000-1200-take-e.ob''; plot "predictDM0:rsa-1k9N33t1000-1200-take-e.ob''; plot "plot "predictDM0:rsa-1k9N33t1000-1200-take-e.ob''; plot "predictDM0:rsa-1k9N3t1000-1200-take-e.ob''; plot "predictDM0:rsa-1k9N3t1000-1200-take-e.ob''; plot "predictDM0:rsa-1k9N3t1000-1200-take-e.ob''; plot "predictDM0:rsa-1k9N3t1000-1200-take-e.ob''; plot "predictDM0:rsa-1k9N3t1000-1200-take-e.ob''; plot "predictDM0:rsa-1k9N3t1000-1200-take-e.ob''; plot "plot "predictDM0:rsa-1k9N3t1000-1200-take-e.ob''; plot "plot "plo
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16479 set output "k98131ake-o.obj":plot" "predictDM0:rsa=1k9813t1000-1200-take-o.dat" using 2:3 w 1,
ccDM0:rsa=1k9833:L100-12300-take-o.dat" using 2:1 w 1
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16468 #MSE=9.491524e+03(NMSE3.639910e-01)(n100) 500-1500:1500-1600K10N8mp1:1:1.000000H1-y N8 0 0 0
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16484 set output "k44N6take-u.obj"plot "predictDWO:k54N6t1000-1200-take-u.dat" using 2:3 w 1,
*k54N6t1000-1200-take-u.dat" using 2:1 w 1
16485 set output "k54N6take-e.obj"plot "predictDWO:k54N6t1000-1200-take-e.dat" using 2:3 w 1,
:k54N6t1000-1200-take-e.dat" using 2:1 w 1
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16467 #MSE=5.498508e+03(NMS)
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16438 #MSE=4.191
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16437 #MSE=3.347
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16439 ########
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    16462
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             16445
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  16450
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            16452
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            16461
```

16488 op tup/_aiueo-take-poles0-NI.obj ../onsei07/
16489 op tup/_aiueo-take-poles0-NI.obj ../onsei07/
16499 op tup/_aiueo-take-poles0-NI.obj ../onsei07/
16490 ### wowelrecogy2 tr:fuku te:take k:9 N:1 m:poles4 dir:../onsei07 rsa:2:0.7:1:20 DiffMode:0 T:100 tt:
150:150:150:150 DiSp:1 > /dev/null
16491 op tump/_aiueo-take-poles0-NI.obj ../onsei07/_aiueo-take-poles0-NIbag.obj
16492 op tmp/_aiueo-take-poles0-NI.obj ../onsei07/_aiueo-take-poles0-NIbag.obj
16493 ###wowelrecogy3 tr:fuku te:take k:27 N:6 m:poles4 dir:..onsei07 rsa:2:0.7:1:20 DiffMode:0 T:100 tt:
16494 op tmp/_aiueo-fuku-poles0-Ni.obj ../onsei07/_aiueo-take-poles0-Nibag.obj
16495 op tmp/_aiueo-take-poles0-Ni.obj ../onsei07/_aiueo-take-poles0-Nicog.obj
16495 op tmp/_aiueo-take-poles0-Ni.obj ../onsei07/_aiueo-fuku-poles0-Nicog.obj 16515 set curput "K5486-s-take-a.obj";plot "predictDMO:k54N6t1600-1650-s-take-a.dat" using 2:3 w l, "predictOMO:k54N6t1600-1650-s-take-a.dat" using 2:3 w l, "predictDMO:k54N6t1600-1650-s-take-a.obj";plot "predictDMO:k54N6t1600-1650-s-take-i.dat" using 2:3 w l, "predictDMO:k54N6t1600-1650-s-take-i.dat" using 2:3 w l, "predictDMO:k54N6t1600-1650-s-take-a.obj";plot "predictDMO:k54N6t1600-1650-s-take-a "predictDM0 onl good onl onl y 30steps 16530 #MSE=9.486100e+01(NMSE1.193815e-01)(n50) 800-1600:1600-1650k54N6mp1:1:1.000000H1-y s-taka-o good onl 16529 #MSE=4.709621e+03(NMSE2.866689e-01)(n50) 800-1600:1600-1650k54N6mp1:1:1.000000H1-y s-taka-e good onl ${\tt op result-ensrs2ge/predictDMO:\$pf-\$pf.dat ../onsei07/predictDMO:k\$\{k\}N\$\{N\}t\$\{pf\}-\$\{pt\}-\$name-\$v.dat}$ 16486 set output "k54N6take-o.obj";plot "predictDM0:k54N6tl000-1200-take-o.dat" using 2:3 w l, "predict :k54N6tl000-1200-take-o.dat" using 2:1 w l 16487 ###vowelxecogy3 tr:fuku teitake k:9 N:1 m:poles4 dir:../onsei07 rsa:-1:0.7:1:20 DiffMode:0 T:100 $\#MSE=3.103290e+04(NMSE6.284037e-01)(n50)\ 800-1600:1600-1650k54N6mp1:1:1.000000H1-y\ s-taka-a\ good$ $\#MSE=9.183176e+02(NMSE3.631833e-01)(n50)\ 800-1600:1600-1650K54N6mp1:1:1.000000H1-y\ s-taka-u\ good$ ###(2) for single CANZ vowel recognition using M4 80.3% ###(2+1) single CANZ for speaker and vowel recognition ###(3) single CANZ with K:9 N:1 m:poles4 with DISP:1 for unstable poles using rsa=-1, N=1 ###(3+) Single CANZ with K:9 N:1 m:poles4 $\#MSE=5.016779e+02(NMSE6.303207e-01)(n50)\ 800-1600:1600-1650K54N6mp1:1:1.000000H1-y\ s-taka-i-1.00000H1-y\ s-taka-i-1.0000H1-y\ s-taka-$ ###(4+1) bagging CAN2 for speaker and vowel recognition
###(5) for bagging vowel recognition using poles4, npt:0.7:1.1:119 90.08
###(5''+1) for bagging speaker and vowel recognition with tl=150??
###(5''+1) for bagging speaker and vowel recognition on neither vowels nor speakers ###(4) bagging CAN2 vowel recognition using bagging poles4 80.3% kurolab:/home/funatsu/kurogisense yama-u.dat take-u.dat yama-a.dat yama-e.dat yama-i.dat sanuki-i.dat take-o.dat y kosi-i.dat sanuki-o.dat t kosi-o.dat sanuki-u.dat y kosi-u.dat take-a.dat y sanuki-a.dat take-e.dat y sanuki-a.dat take-i.dat y predictDMO:k54N6t1600-1650-s-take-a.dat predictDMO:k54N6t1600-1650-s-take-e.dat predictDMO:k54N6t1600-1650-s-take-i.dat predictDMO:k54N6t1600-1650-s-take-i.dat predictDMO:k54N6t1600-1650-s-take-o.dat predictDMO:k54N6t1600-1650-s-take-u.dat kosi-i.dat kosi-o.dat kosi-o.dat kosi-u.dat sanuki-a.dat sanuki-a.dat predictDM0:k54N6t1600-1650-take-a.dat for name in take ; do for v in a; do echo "### Done for \$cmd ###" done done rm -rf result-ensrs2ge/tmp; 16487 ###vowelrecogy3 tr:fuku te: 150:150:150:150 DISP:1 > /dev/null kosi-e.dat kita-e.dat kita-i.dat kita-o.dat kita-u.dat kosi-a.dat しいデータファイル

```
### mean distance of poles of 'aiueo' of take and tr:fuku are as follows.
# 0.085112* 0.292421 0.250622 0.276690 0.242664 #te:take-a->take-a
16627
             16628
                                                                                                                                                                                                                                                                                                                                                                   16626 cmd='vowelrecogy3 te:take tr:fuku:kita:kosi:sanuki:take:yama k:9 N:1 m:poles4 dir:../onsei07 rsa:2:07:1:20 DiffMode:0 T:100 tt:0:150:300:150 DiSP:0 > /dev/null'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 cmd='vowelrecogy3 te:sanuki tr:fuku:kita:kosi:sanuki:take:yama k:9 N:1 m:poles4 dir:../onsei07 rsa:2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 16617 cmd='vowelrecogy3 te:sanuki tr:fuku:kita:kosi:sanuki:take:yama k:9 N:1 m:poles4 (0.7:1:20 DiffMode:0 T:100 tt:0:150 DISP 0 > /dev/mil.'
16618 ### mean distance of poles of 'aiueo' of sanuki and tr:fuku are as follows.
16618 # 0.07144* 0.254616 0.206540 0.214213 0.118091 #te:sanuki.a-vsanuki.a
16620 # 0.228013 0.26058* 0.154901 0.116159 0.178745 #te:sanuki.a-vsanuki.a
16621 # 0.237787 0.169038 0.118745 0.024772* 0.202297 #te:sanuki.a-vsanuki.a
16622 # 0.237787 0.169038 0.118745 0.024772* 0.202297 #te:sanuki.a-vsanuki.a
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ###te:sanuki-aiueo-t300+450 are recognized as aiueo (rate=5/5).###
           fuku kita kosi sanuki take yama
HF YK YK TS YT KY
```

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16628	# 0.085112" # 0.28005	0.29242I	0.250622	0.276690	0.242664	u -
16630	, ,	0.173047	0520	0.144352	217951	take-u->take-
16631	U	0.145160	.2035	*009260.0	.204258	:take-e->take-
16632	0.123427	151208	0.1858	0.148139	.020437*	:take-o->
16633	#		50 are recog	gnized as ai	ueo (rate=5	,/5).###
16635	omol='vowe	nev: + + term	tr:fnkn:	ta:koa::	nki:take:v	ama k:9 N:1 m:noles4 dir: /onsei07 rsa:2:0
7:1:20	DiffMode:0 T	:100 tt:0:15	:300:150 1	SP:0 > / S	/null'	ding its merchanger different regions
16636	### mean dist	tance of pol	s of 'aiu	of yam	nd tr:fuku	are as fol
16637	# 0.030461*	0.280675	0.221776	0.214289	0.110906	#te:yama-a->yama
16638	# 0.246467	0.033778*	0.105744	0.127714	0.176953	#te:yama-i->yama
16639	# 0.234355	0.190352	0.038242*	0.156828	0.212142	#te:yama-u->yama
16640	# 0.219334	0.186834	0.107725	0.036482	0.198610	#te:y
16641	# 0.117158	0.213134	0.214295	0.144374	0.044473*	#te:yama-o->yama
16642	###re:yama-a.	1ueo-t300+4:	are reco	ized as	eo (rate=5	#·(c/
16644	year lemon, -ban	20000	٠٠ + ٠٠٠ - ١٠٠١		71. 04c+. i-4:10	1.00 N.1 m.n. Air. Air. 1.00 N.1 m.n.
0.7:1:2	20 DiffMode:07	1:100	50:300:150) < 0:35:0	ev/null'	
16645	###	9000	Ps of 'aine	, of kita	and tr:filk	are as follows
16646	# 0.082877*	0.31	0.233240	0.262090	0.189425	#+6:ki+a-a-yki+a
16647	# 0 286755	000	0 200339	0 211450	0 229896	### 0 12110 11110 11110 11110
16648	1 206901	200	*1019000	0.271310	0.222.0	#te:kita=n=>kita
16649	# 0.270694	0.20	2382 0.295251	0.023597*	0.292570	#10::\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
16650	# 0 105244*	24.0	0 264671	0 167109	0 143561	#te:kita-o->kosi
16651	###	1-0911	50 are reduc	ימי בייר	nea (rate=4	/5) ###
16652				5		
16653	- 0	te:fuku tr	fuku:kita:	osi:sanuki	take:vama k	::9 N:1 m:poles4 dir:/onsei07 rsa:-1:0.7:1
:20 Dif:	EMode: 0	tt:0:150:3	00:150 DISP:	:0 > /dev/nu		
16654						
16655						
16656	cmd='vowelre	cogv3 tr:yama	te:take	k:9 N:1 m:po	les4 dir:	/onsei07 rsa:-1:0.7:1:20 DiffMode:0 T:100 t
t:0:100	:0:100 DISP:0	.0				
16657	## mean dis	nce		, of take	tr:yam	are as
16658	0.306987*	0.438194		0.419867	377099	te:take-a->yama
16659	0.347751	0.277841*		0.310572	336098	te:take-i->yama
16660	0.274528	0.236659		0.162409	311970	te:take-u->yama
16661	# 0.234948	0.176925	0.242348	0.167168*	0.200151 #	#te:take-e->yama-e
16662	0.175113	0.210354		0.174402	147531*	te:take-o->yama
16663	##te:take-a	iueo-t0+100		ed as aiue	o (rate=5/	##.
16664						
16665	cmd='vowelre	cogv3 te:yama	a tr:take	k:9 N:1 m:po	les4 dir:	/onsei07 rsa:-1:0.7:1:20 DiffMode:0 T:100 t
t:0:100	:0:100 DISE:0	^				
16666	mean dist	tance of pol	es of 'aiu		and tr:take	as follows.
16667	.202911	0.361889	_		0.174975*	yama-a->take
16668	0.371540	0.197229	_		0.357346	yama-i->take
16669	# 0.410672	0.354832	0.158464*	0.274512	0.407171 #te:	>-
16670	0.329157	0.254017			0.389269	yama-e->take
1/99T	0.238/26	0.233827	0.24		U.155/13*	уата-о->саке "
7/99T	##te:yama-a	10eo-10+100	ਰ		o (rate=2/5	### ()
100/3	1			0 - 1		000000000000000000000000000000000000000
100 ++	OWELFECTION 1	vowelrecogv3	tr:yama t	e:take k:y N	:I m:poles4	alr:/onselu/ rsa:2:0./:1:20 Difimode:0 T
1667E	1 05T -0 -0 CT +	TOF-0 /	/ Hail), Of + 0,	1	0
10070	## IIIEGII GIR	calice of por	S 01 . GLU	0 C	and cr.yama	are as rorrows.
16677	0.244922	0.362643	0.2/3469	0.00	0.296/03	te.take-i->yama-
16678	0 238074	0 231723	0 104939*	146	0 308894	te:take-11->yama
16679	0 240291	0 189822	0 208820	0 183	0 205159	te:take-e->vama
16680	0.144776	0.188260	0.195530	0.159814	0.124884* #	#te:take-o->yama-o
16681	take-a	iueo-t0+150	are recogn:	zed as	o (rate=5/5	###.
16682						
16683	cmd='vowelre	cogv3 te:yam	a tr:take	k:9 N:1 m:po	les4 dir:	/onsei07 rsa:2:0.7:1:20 DiffMode:0 T:100 tt
:0:150:	ISD:0	/dev/null'				
16684	an dis	tance of pol	es of 'aiu	so, of yama	tr:take	are as follows.
16685	94607	0.340131	0.26	0.268021	.68788*	te:yama-a->take
16686	0.336227	0.131903	0.1	0.126770*	345699	tte:yama-i->take
16687	0.326748	0.301349	0.12	0.245673	393357	te:yama-u->take
16688		0.227205	0.154628	0.140343*	0.388876	#te:yama-e->take-e
10089	0.230497	0.218/21	0.242605	0.1694//	. DYLLX .	tre:yama-o->take
16690	te:yama-a	10eo-10+150	are recogn	zea as	(e=3/5	#.
16692						
16693	nd='vowelre	ogv3 te:ya	tr:take }	c:54 N:6 m:p	oles4 dir:.	./onsei07 rsa:2:0.7:1:20 DiffMode:0 T:100 t
t:0:150	:0:150 DISP:(npt:0.7:1.	1:179 > /c	v/null'		
16694	## mean dis	ance of po	s of 'aiue	, of yama	::take	are as follows.
16695	0.027353	0.030099	0.030371	0.029632	L408	yama-a->take
16696	0.035141	0.032877	0.034392	0.032709*	886	yama-1->take-
16697	0.033678	0.034950	0.032636	0.051469:	0181	
16699	# 0.027571	0.027317	0.030271	0.026712*	141	take-
16700	##te:yama-a	ueo-t0+150	re recogn:	ed as aeee	e (rate=2/5	###.

| 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 | 1970 |

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```
| 168656 ####ersamukd-nisee-ligio-jon are recognized as altero (retree=/0); ####
| 16865 ###ersamukd-nisee-ligio-jon are recognized as altero (retree=/0); ###
| 16861 ###ersamukd-nisee-ligio-jon are recognized as altero (retree=/0); ###
| 16861 ###ersamukd-nisee-ligio-jon are recognized as altero (retree=/0); ###
| 16861 ## man distract of Dolas of altero (retree=/0); ###
| 16861 ## 0.208430 0.124827 0.22867 0.22867 0.228620 ##erskee->scoled=/0
| 16862 ## 0.208430 0.124827 0.22879 0.22867 0.228620 ##erskee->scoled=/0
| 16863 ## 0.288430 0.124867 0.22879 0.139822 0.12495 0.228620 ##erskee->scoled=/0
| 16863 ## 0.286410 0.18872 0.22879 0.179982 0.228620 ##erskee->scoled=/0
| 16863 ## 0.286410 0.18872 0.22879 0.179982 0.12883 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0.12882 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ../onsei07 rsa:-1:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               rsa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               dir:../onsei07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    16992 cmd='vowelrecogy3 tr:ftkuikita:kosi:sanuki:take:;aama te:sanuki k:9 N:1 m:poles4 (1.0.77:1:20 DiffMode20 T:100 tr:0:150:150:150 Disps:0 > /dev/null' (2.0.70) disps:0 = /dev/null' (
0.180377 0.169320 0.221288 #te:sanuki-i->yama-i
0.106667* 0.189859 0.249053 #te:sanuki-u->yama-u
0.14501 0.065866* 0.254995 #te:sanuki-e->yama-u
0.216657 0.131538 0.034888 #te:sanuki-o->kosi-o
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0.711:20 DiffMode:0 T:100 t::0:150:150:150 DISP:0 > /dev/mull'.

16910 ## mean distance of poles of 'aluee' of yama and tr:fuku are as follows.
16911 # 0.005652* 0.34678 0.257779 0.237559 0.130275 #te:yama-a-yama-16911 # 0.248287 0.016706* 0.120310 0.138926 0.208766 #te:yama-i-yama-116912 # 0.279984 0.229074 0.03468* 0.14289 0.282068 #te:yama-i-yama-16914 # 0.219895 0.12336 0.159530 0.00479* 0.213803 #te:yama-e-yama-16914 # 0.22168 0.129386 0.159530 0.004479* 0.213803 #te:yama-e-yama-
                                                                                                                                                          0.239069
0.284272
0.250060
0.321361
0.139542
```

0.251038

0.223991

0.127029

⁻268

1,1

-o->yama-o

###te:fuku-aiueo-t150+300 are recognized as aiuea (rate=4/5).###
###te:fuku-aiueo-t150+300 are recognized as aiuea (rate=4/5).###
###te:fuku-aiueo-trikukukita:kosi:sanuki:take:yamuki tektra k:9 N:1 m:poles4 dir:../onsei07 rsa:2:0
DiffMode:0 T:100 t::0:150:150:150:150 DISP:0 > /dev/null'. rsa:2:0 rsa:2:0.7:1: rsa:2:0.7:1: ../onsei07 rsa:2:0.7:1 rsa:2:0.7:1: rsa:2:0.7:1: rsa:2:0.7:1: | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | dir:../onsei07 are recognized as aiueo (rate=5/5).## ###te:yama-aiueo-t150+300

```
17055 cm3='vowalrecogy3 triftku kosisanuki-tekeyama telefika and triftku --sanuki-e NG 17055 cm3='vowalrecogy3 triftku kosisanuki-tekeyama telefika as olee (fates 2/5) ### mean distance of poles of alueo' of kita and triftku are as follows 1705 ## o.06402 0.05402 0.05521 0.05521 0.05213 ##+...
17056 ## o.064039 0.05402 0.05521 0.05521 0.05213 ##+...
  follows
ance of poles of 'aiueo' of kita and tr:fuku are 0.32430 0.253325 0.271757 0.198798 #te:k 0.122711* 0.2246910 #te:k 0.294835 0.0688115* 0.282015 0.245057 #te:k 0.201349 0.272016 0.096163* 0.291090 #te:k
 ### mean distance of
```

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./onsei07 rsa:2:0.7:1 7 #te:take-a->sanuki-a 8 #te:take-i->sanuki-i 6 #te:take-u->kita-u 8 #te:take-e->fuku-i cmd='vowelrecogy3 tr:fuku:kita:kosi:sanuki:take te:yama k:54 N:6 m:poles4 dir: 0.053953* #te:kita-o->sanuki-o #te:take-o->sanuki-a #te:yama-u->take-.20 DiffMode:0 T:100 tt:150:150:150:150 DISP:0 npt:0.7:1.1:1:179 > /dev/null 17130 ### mean distance of poles of 7 aiueo' of yama and tr:fuku are as fol 17131 # 0.027339* 0.030420 0.02862 0.077631 0.033038 #te:yama-a-17132 # 0.032671 0.029237* 0.032981 0.03169 0.033834 #te:yama-a-17128 ###te:take-aiueo-t150+300 are recognized as aiuia (rate=3/5).### 0.032636 0.029261 0.036438 17123 # 0.032486* 0.035533 0.034741 0.036364 17124 # 0.038632 0.030922* 0.035221 0.036865 17125 # 0.032683 0.032147 0.031970* 0.033103 17126 # 0.031631 0.031504* 0.0317789 0.032004 17127 # 0.029153* 0.031552 0.032771 0.032132 0.056355 0.059003

```
0.739452
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          17280
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     17139 ###(5+1) bagging LeaveOneOut for speaker recognition with tl=1507? SR28/30 VR27/30
17139 cmd-voweLecogy3 tr:fuku:kite kosi:sanuki:take:yama te:fuku k:27 Nis mipoles4 dir:../onsei07 rss:2:
0.7:11:20 DiffEMOde: 0 T:100 tt:0:150:150:150:150:150:0 npc:0.7:1.1:11:179 > /dev/null.
17140 ### mean distance of poles of valueo' of fuku and tr:fuku are as follows.
17141 # 0.053:078 0.059:05 0.051:06; 0.057:30 0.055:34 ##e:fuku-a-zhuku-a
17142 # 0.054:25 0.055:25 0.051:06; 0.057:30 0.055:34 ##e:fuku-a-zhuku-a
17143 # 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 ##e:fuku-a-zhuku-a
17144 # 0.057:00 0.055:30 0.055:30 0.053:30 ##e:fuku-a-zhuku-a NG4vr 1,0
17145 # 0.052:100* 0.056:38 0.055:38 0.052:34 0.055:30 0.054:40 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055:30 0.055
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           11146 ####=:filth.alueo-Li504300 are recognized as automate teskite he included district. Alueo-Li504300 are recognized as automate teskite he included district. Onsei07 rsa:2: 17147 cmd-vowalrecogy3 tr:fuku:kitakosi:sanuki:take:yama teskite he includes district. Onsei07 rsa:2: 17148 ### mean distance of poles of 'aiueo' of kita and tr:fuku are as follows. 17149 # 0.049380 * 0.058540 * 0.054280 * 0.054280 * 0.054280 * 0.054280 * 0.054280 * 0.054280 * 0.05860 * 4 teskita-a-rake-a NG4sr 0,1 17150 # 0.063096 * 0.055344 * 0.056303 * 0.060094 * 0.056305 * 0.058601 #teskita-a-rakta-a 1,1 17151 # 0.05900 * 0.055009 * 0.059046 * 0.058601 #teskita-a-rakta-a 1,1 17152 # 0.05900 * 0.057009 * 0.059046 * 0.056010 #teskita-a-rakta-a 1,1 17152 # 0.066010 * 0.057092 * 0.056010 #teskita-a-rakta-a 1,1 17153 # 0.066010 * 0.057092 * 0.056010 #teskita-a-rakta-a 1,1 17153 # 0.066010 * 0.057092 * 0.056010 * 0.05402 * 0.056010 * 0.05402 * 0.056010 * 0.05402 * 0.056010 * 0.05402 * 0.056010 * 0.05402 * 0.056010 * 0.05402 * 0.056010 * 0.05402 * 0.056010 * 0.05402 * 0.056010 * 0.05402 * 0.056010 * 0.05402 * 0.056010 * 0.05402 * 0.056010 * 0.05402 * 0.056010 * 0.05402 * 0.056010 * 0.05402 * 0.056010 * 0.05402 * 0.056010 * 0.05402 * 0.056010 * 0.05402 * 0.056010 * 0.05402 * 0.056010 * 0.05402 * 0.056010 * 0.05402 * 0.056010 * 0.05402 * 0.056010 * 0.05402 * 0.056010 * 0.05402 * 0.056010 * 0.05402 * 0.056010 * 0.05402 * 0.056010 * 0.05402 * 0.056010 * 0.05402 * 0.056010 * 0.05402 * 0.056010 * 0.05402 * 0.056010 * 0.05402 * 0.056010 * 0.05402 * 0.056010 * 0.05402 * 0.056010 * 0.05402 * 0.056010 * 0.05402 * 0.056010 * 0.05402 * 0.056010 * 0.05402 * 0.056010 * 0.05402 * 0.056010 * 0.05402 * 0.056010 * 0.05402 * 0.056010 * 0.05402 * 0.056010 * 0.05402 * 0.056010 * 0.05402 * 0.056010 * 0.05402 * 0.056010 * 0.05402 * 0.056010 * 0.05402 * 0.056010 * 0.05402 * 0.056010 * 0.05402 * 0.056010 * 0.05402 * 0.056010 * 0.05402 * 0.056010 * 0.05402 * 0.056010 * 0.056010 * 0.056010 * 0.056010 * 0.056010 * 0.056010 * 0.056010 * 0.056010 * 0.056010 * 0.056010 *
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17204 **cmd='vowelrecogy3 tr:fuku:kita:kosi:sanuki:take:yama te:fuku k:27 N:6 m:poles4 dir:../onsei07 rsa:
$10.7:11.20 DiffMode:0 T:100 tt:0:150:150:150 DISP:0 > /dev/null'
17205 **## mean distance of poles of 'aiueo' of fuku and tr:fuku are as follows.
17206 **# 0.070459* 0.076020 0.075425 0.072226 0.072837 #te:fuku-a->fuku-a
                      #te:yama-e->sanuki-e
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0.055022 0.053145 0.055713 0.054014 #te:take-a->take-a 0.050673* 0.055670 0.058652 0.059176 #te:take-i->take-i 0.057893 0.0554672* 0.058967 0.055670 0.055570 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.055780 0.05578
                                                                                        #te:yama-o->take-e
                                                                                                                                                   ###te:yama-aiueo-t150+300 are recognized as aieee (rate=3/5).###
0.028556* 0.030967
0.025096* 0.028425
              0.030923
                                                                                        0.026893
              0.030888
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0.059877
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              # 0.030845
# 0.026742
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0.058587
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17175
17176
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###(9') bagging predictions for recognition test
# 0.905960
# 1.008748*
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               better than k27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        better than k27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              worse than k27
17399 #MSE=5.
                                                                                                                                                                                                                                            o=${frtl}
17366 rs
}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        t>100
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                                                                                          rsa:2:0.7:1:20
                                           rsa:2:0.7:1:20
               ####e:kosl-alueo-L1504300 are recognized as alueo (rate=5/5).###
comd='vowelrecory3 trifuku:kita:kosl:take:yama te:sanuki ki 9 NI1 m:W4 dir:../onsei07 x
comd='vowelrecory3 trifuku:kita:kosl:take:yama te:sanuki ki 9 NI1 m:W4 dir:../onsei07 x
corr:100 tri150:150:150:150:150:0150:01050:0 n:01070:0 n.3100 ki 10.1100 tri150:150:150:150:150:0150:0 n.0100:0 n.3100 ki 10.1100 tri150:150:150:150:150:150:0 n.0100:0 n.0100 ki 10.100 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               cmd='vowelrecogy3 tr:fuku:kosi:kita:sanuki:take te:yama k:27 N:6 m:M4 dir:../onsei07
0.168524* #te:kosi-o->sanuki-o
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0.666491 #te:yama-a->take-a
0.634471 #te:yama-i->sanuki-i
0.495097 #te:yama-u->kosi-u
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ###te:sanuki-aiueo-t150+300 are recognized as aeooa (rate=1/5).###
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 DiffMode: 0 T:100 tt:150:150:150:150 DISP: 0 npt:0.7:1.1:1:179 > /dev/null'
17351 ### mean distance of M4 of yama and tr:fuku are as follows.
17352 # 0.632078* 0.72177 0.723962 0.719048 0.666491 #te:yama-17353 # 0.643340 0.573733* 0.615060 0.614786 0.633471 #te:yama-17353 # 0.500390 0.505047 0.483657* 0.500991 0.495097 #te:yama-17354 # 0.500390 0.505047
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ###te:take-aiueo-t150+300 are recognized as aieei (rate=3/5).###
0.678724
0.458769
```

```
NG £
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       rsa=rsa:-1:0.7:1:20 k=54 N=33 mp=mp:1:1:1 DM=DiffMode:0 H=Hosei:1 g=g:5e-3 w=w:0.2 T=100 ; to=${frt1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  cp result-ensrs2ge/predictDM0:$pf-$pt.dat ../onsei07/predictDW0:k${k}N${N}t${pf}-${pt}-$name-$v.dat
echo "### Done for $cmd ###"
done done
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Deter than k27
17398 #MSE=2.967348e+04(NMSE7.758390e-02)(n200) 0-1000:1000-1200k54N6mp1:1:1.000000H1-y take-u p1=200 k54
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 take-a pl=200 k54
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  not so good?for t>100
17403 #MSE=8.510318e+03(NMSE3.369898e-01)(n200) 0-1000:1000-1200k27N9mp1:1:1.000000H1-y take-i p1=200 k27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      k27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 soso
17406 #MSE=9.706418e+03(NMSE5.428780e-02)(n200) 0-1000:1000-1200k27N9mp1:1:1.000000H1-y take-o p1=200 k27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          #MSE=2.869175e+03(NMSE1.136130e-01)(n200) 0-1000:1000-1200K54N6mp1:1:1.000000H1-y take-i p1=200 k54
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   #MSE=5.607885e+04(NMSE2.537761e-01)(n200) 0-1000:1000-1200K54N6mp1:1:1.000000H1-y take-e p1=200 K54
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   #MSE=4.532805e+03(NMSE2.535189e-02)(n200) 0-1000:1000-1200K54N6mp1:1:1.000000H1-y take-o p1=200 K54
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       #MSE=3.178998e+05(NMSE3.661630e-01)(n200) 0-1000:1000-1200k27N9mp1:1:1.000000H1-y take-i p1=200 k27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               17405 #MSE=7.117342e+04(NMSE3.220842e-01)(n200) 0-1000:1000-1200k27N9mp1:1:1.000000H1-y take-e p1=200 k27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             k10
k9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           #MSE=1.192796e+04(NMSE3.118669e-02)(n200) 0-1000:1000-1200k27N9mp1:1:1.000000H1-y take-u p1=200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        \#MSE=3.979184e+05(NMSE4.583299e-01)(n200) \ 0-1000:1000-1200k27N6mp1:1:1.000000H1-y \ take-a \ p1=200 \ n=200 \ n=20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0-1000:1000-1100k10N33mp1:1:1.000000H1-y take-i with 0-1000:1000-1100k9N33mp1:1:1.000000H1-y take-i with
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                rsa=rsa:-1:0.7:1:20 k=9 N=33 mp=mp:1:1:1 DM=DiffMode:0 H=Hosei:1 g=g:5e-3 w=w:0.2 T=100 ; rsa=rsa:-1:0.7:1:20 k=10 N=33 mp=mp:1:1:1 DM=DiffMode:0 H=Hosei:1 g=g:5e-3 w=w:0.2 T=100 ;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 # 0.905960 0.901550 0.901952 0.841920* 0.895105 #te:yama-e->kosi-e
# 1.008748* 1.008582 1.056538 1.0169533 #te:yama-o->kita-a
###te:yama-aiueo-L1804300 are recognized as aiuea (rate-4/5).###
                                                                                                                                                                                                                        ###(8) Single CANZ for long prediction
for name in take ; do for v in a i u e o ; do
tm -rf result-ensrs2ge/tmp;
d="..onsei07"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             #MSE=5.457008e+04(NMSE2.090280e+00)(n100)
#MSE=3.857337e+04(NMSE1.477534e+00)(n100)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NG fo take-i and take-e with k=9,10,27,54
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               echo "### Done for $cmd ###'
```

Jun 19 2021 08:15:37

readmecan2mspeech.txt

```
1755 cmd='vowelrecogy3 tr:s-fuku:s-kita:s-kosi:s-aanuki:s-take:s-yama te:s-fuku k:54 N:6 spkr:1 m:poles4
17553 ### mean distance of poles of 'aiueo' of s-fuku and tr:s-fuku are as follows.
17554 # 0.04743 0.046534 0.046888 0.046169* 0.047624 #te:s-fuku-a-ss-aanuki-e
17554 # 0.047434 0.044914* 0.047624 0.048681 0.046169* 0.047624 #te:s-fuku-a-ss-aanuki-e
17554 # 0.047743 0.044914* 0.047624 0.048632 #te:s-fuku-a-ss-kita-i
17555 # 0.048038 0.048632 0.048020 0.048031 0.048632 #te:s-fuku-a-ss-kita-i
17559 ###te:s-fuku-aiueo-t800+1600 are recognized as eiili (rate=1/5).###
17559 ##te:s-fuku-aiueo-t800+1600 are recognized as eiili (rate=1/5).###
17550 ###mean distance of poles of 'aiueo' of s-kita anuki: s-ake's-yama te:s-fuku-a-s-kita-i
17550 ###mean distance of poles of 'aiueo' of s-kita anuki: s-ake's-yama te:s-fuku are as follows.
17560 ###mean distance of poles of 'aiueo' of s-kita and tr:s-fuku are as follows.
17561 ### mean distance of poles of 'aiueo' of s-kita anuki: s-kita a-s-s-kita-i
17551 ### mean distance of poles of 'aiueo' of s-kita anuki: s-kita-a-s-kita-i
17551 ## mean distance of poles of 'aiueo' of s-kita anuki: s-kita-a-s-kita-i
17561 ### mean distance of poles of 'aiueo' of s-kita-a-s-kita-a-s-kita-i
17561 ### mean distance of poles of 'aiueo' of s-kita anuki: s-kita-a-s-kita-i
17561 ### mean distance of poles of 'aiueo' of s-kita anuki: s-kita-a-s-kita-i
17561 ### mean distance of poles of '051165 0.046973 0.049033 0.051169 #te:s-kita-i-s-kita-i
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               17435 done done
17436 done done
17437 done done
17437 done done
17437 done done
17438 mSEE=1.649875e+05(NMSE3.850680e-01)(N30) 150-300:300-330k27N6mp1:1:1.000000H1-y take-a
17438 mSEE=2.902346e+03(NMSE3.850680e-01)(N30) 150-300:300-330k27N6mp1:1:1.000000H1-y take-a
17438 mSEE=2.902346e+03(NMSE3.1561246+02)(N30) 150-300:300-330k27N6mp1:1:1.000000H1-y take-a
17440 mSEE=2.411451e+03(NMSE3.76130e-03)(N30) 150-300:300-330k27N6mp1:1:1.000000H1-y take-a
17441 mSEE=2.411451e+03(NMSE3.76130e-03)(N30) 150-300:300-450k27N6mp1:1:1.000000H1-y take-a
17444 mSEE=1.02639e+04(NMSE3.128643e+00)(N150) 150-300:300-450k27N6mp1:1:1.000000H1-y take-a
17444 mSEE=2.10023e+05(NMSE4.970356-01)(N150) 150-300:300-450k27N6mp1:1:1.000000H1-y take-a
17444 mSEE=1.02639e+04(NMSE3.473831e-01)(N150) 150-300:300-450k27N6mp1:1:1.000000H1-y take-a
17444 mSEE=1.02639e+04(NMSE3.473831e-01)(N150) 150-300:300-450k27N6mp1:1:1.000000H1-y take-a
17445 mSEE=1.02639e+04(NMSE3.473831e-01)(N150) 150-300:300-450k27N6mp1:1:1.000000H1-y take-a
17446 mSEE=1.0623e+05(NMSE3.473831e-01)(N150) 150-300:300-450k27N6mp1:1:1.000000H1-y take-a
17446 mSEE=1.0623e+05(NMSE3.473831e-01)(N150) 150-300:300-450k27N6mp1:1:1.000000H1-y take-a
17450 msee in s-cake ide for vin a i u e oi do
17451 mm - xf result-ensrs2ee/tup?
17452 d=3.000:tl=800:tt=80px %{tf} + %{tl} *ipf=%tt:pl=50:pt=*expr %{tf} + %{pl} * wrry OK for take-i
17454 tf=0:tl=800:tt=*expr %{tf} + %{tl} *ipf=%tt:pl=50:pt=*expr %{pf} + %{pl} * wrry OK for take-i
17455 rasarsas:2:0.7:1:20 k=54 N=6 mp=mp:1:1:11 DM=10ffMode:0 H=800sis-a
17455 rasarsas:2:0.7:1:20 k=54 N=6 mp=mp:1:1:11 DM=10ffMode:0 H=800sis-a
17458 %cmd >/dev/null :date
17459 echo "cp result-ensrs2ee/predictDM0:%f*{k}} %{pl} * %{p
17422 #tf=0:tl=200:tt='expr ${tf} + ${tl}':pf=$tt:pl=200:pt='expr ${pf} + ${pl}' # NG for take-i pl=200
17423 #tf=0:tl=40:tt=expr ${tf} + ${tl}':pf=$tt:pl=200:pt='expr ${pf} + ${pl}' # NG for take-i pl=200
17424 #tf=150:tl=160:tt='expr ${tf} + ${tl}':pf=$tt:pl=30:pt='expr ${pf} + ${pl}' # NG for take-i pl=200
17424 #tf=150:tl=150:tt='expr ${tf} + ${tl}':pf=$tt:pl=30:pt='expr ${pf} + ${pl}' # NG for take-i pl=200
17425 ff=150:tl=150:tt='expr ${tf} + ${tl}':pf=$tt:pl=30:pt='expr ${pf} + ${pl}' # NG for take-i pl=200
17426 ff=150:tl=150:tt='expr ${tf} + ${tl}':pf=$tt:pl=30:pt='expr ${pf} + ${pl}' # NG for take-i pl=200
17427 ff=150:tl=150:tt='expr ${tf} + ${tl}':pf=$tt:pl=30:pt='expr ${pf} + ${pl}' # NT for take-i pl=200
17428 ff=150:tl=150:tt='expr ${tf} + ${tl}':pf=$tt:pl=30:pt='expr ${pf} + ${pl}' # vry OK for take-i pl=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200:pt=200
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17474 rm —rf result—ensra2ge/tmp; take yama; do for v in a i u e o; do
17475 d=../onsei07 # the directory storing the onsei-data files
17476 d=../onsei07 # the directory storing the onsei-data files
17477 t==10:0:1:120 k= by N= mempil:1:1. DM=DiffModeo; H=Hosei:1 geg:5e-3 w=w:0.2 T=100;
17477 tf=100:1=2000:tte=expr ${tr} + {tr} + {tr
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         y 30steps
17465 #MSE=5.016779e+02(NMSE6.303207e-01)(n50) 800-1600:1600-1650k54N6mp1:1:1.000000H1-y s-taka-i good onl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           y 30steps
17468 #MSE=9.486100e+01(NMSE1.193815e-01)(n50) 800-1600:1600-1650k54N6mpl:1:1.000000H1-y s-taka-o good onl
y 30steps
17469
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       #MSE=9.183176e+02(NMSE3.631833e-01)(n50) 800-1600:1600-1650k54N6mp1:1:1.000000H1-y s-taka-u good onl
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          cp result-ensrs2ge/predictDM0:$pf-$pt.dat ../onsei07/predictDM0:k${k}N${N}t${pf}-${pt}-$name-$v.dat
echo "### Done for $cmd ###"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               17470 #MSE=5.450605e+04(NMSE9.773647e-01)(n100) 0-800:800-900k54N6mp1:1:1.000000H1-y
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#f="${d}.0=-N${N}\t${ft}-${tt}-${pt}-${pt}-${v}"
#f="${d}.0=-${name}-${tf}-${tt}-${pt}-${pt}-${pt}-${pt}-${v}"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ##now executing 070207 finished
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17433
17434
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17491	BOF
17492	xterm -geometry 50x5-0+0 -e gnuplot -geometry 300x210 disp.plt&
17493	###for display error to here
17494	, bo
17495	echo "### Done for \${f}.dat ###"
17496	done ; done
17497	#### making s(t) to here.
17498	
17499	###(11)#speaker recognition? Speach recognition (1+3+4+4+5+3)/30=20/30=66.6%
17500	cmd='vowelrecogy3 tr:s-fuku:s-kita:s-kosi:s-sanuki:s-take:s-yama te:s-fuku k:9 N:1 spkr:1 m:pole
ir:/or	ir:/onsei07 rsa:-1:0.7:1:20 DiffMode:0 T:100 tt:0:800:800:800 DISP:0 > /dev/null'
17501	### mean distance of poles of 'aiueo' of s-fuku and tr:s-fuku are as follows.
17502	# 0.042245 0.040060* 0.078731 0.042355 0.097053 #te:s-fuku-a->s-yama-i
17503	# 0.090989* 0.094106 0.129363 0.092760 0.133079 #te:s-fuku-i->s-fuku-a
17504	# 0.063530 0.066177 0.101932 0.056820* 0.095917 #te:s-fuku-u->s-take-e
17505	# 0.147686 0.093842 0.157976 0.127572 0.089483* #te:s-fuku-e->s-fuku-o
17506	# 0.145533 0.099547 0.122984 0.148196 0.082366* #te:s-fuku-o->s-fuku-o
17507	###te:s-fuku-aiueo-t800+1600 are recognized as iaeoo (rate=1/5).###
17508	cmd='vowelrecogv3 tr:s-fuku:s-kita:s-kosi:s-sanuki:s-take:s-yama te:s-kita k:9 N:1 spkr:1 m:pole
ir:/or	ir:/onsei07 rsa:-1:0.7:1:20 DiffMode:0 T:100 tt:0:800:800:800 DISP:0 > /dev/null'
17500	17500 ### mean distance of noles of Vaineo' of salita and triedfing are se follows

486

| 17510 ### mean distance of poles of 'siuceo' of s-kita and tr's-fiku are as follows. |
| 17510 ## 0.041594 ## 0.081804 0.057902 0.044840 0.096422 #ters-kita-a-s-kita-a
| 17511 ## 0.118910 0.211511 0.119480* 0.023955 0.218767 #ters-kita-i-s-y-dama-u
| 17512 ## 0.183233 0.093372 0.107021 0.108216 0.039428 #ters-kita-a-s-y-fuku-o
| 17513 ## 0.083373 0.053862 0.070727 0.030526* 0.113054 ## ers-kita-a-s-y-fuku-o
| 17514 ## 0.215709 0.219942 0.229450 0.210529 0.206064* #ters-kita-a-s-y-kita-a-o-y-kosi-o
| 17515 ## distance-ogy3 tr:s-fuku:s-kita:s-kosi:s-samuki:s-take:s-yam ters-kosi k:9 N:1 spkr:1 m:poles4 d
| 17516 ## poly or xsi:-10,71::20 Diffmode: 0.71:00 tr:0:800:800:800 Digs? 0 > /dev/null.* |
| 17517 ### mean distance of poles of 'siuce' of s-kosi and tr:s-fiku are as follows |
| 17518 ## ers-kita-a-y-kita-a-kosi:a-dama and tr:s-fiku are as follows |
| 17519 ## ers-kita-a-y-kita es4 d

| 1755 | 10 000409 | 0.00023 | 0.00023 | 0.00023 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.00070 | 0.000 ###te:s-sanuki-aiueo-t800+1600 are recognized as eeuoo (rate=2/5).###
cmd='vowelrecogy3 tr:s-fuku:s-kita:e-kosi:s-sanuki:s-yana teis-take k:9 N:1 spkr:1 m:M4 dir:../onsei
:-1:0.7:1:20 DiffMode:0 T:100 tt:0:800:800 DISP:0 / dev/null'
mean distance of M4 of s-take and tr:s-fuku are as follows. Page 277 ### mean distance 0. M4 of s-sanuki and tr:s-fuku are as follows.
0.068920 0.059024 0.073651 0.052507* 0.060859 #te:s-sanuki-a->s-take-e
0.091423 0.099764 0.089133 0.062168* 0.068198 #te:s-sanuki-i->s-kosi-e
0.127410 0.127489 0.061260* 0.109023 0.112590 #te:s-sanuki-a->s-taka-a
0.373670 0.088795 0.082560 0.076781 0.077650 #te:s-sanuki-e->s-kita-o
0.307483 0.315429 0.313216 0.290343 0.109305* #te:s-sanuki-e->s-kita-o

readmecan2mspeech.txt Jun 19 2021 08:15:37

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	SR20/30 VR27/30 kr:1 m:M4 dir:. Gv 0,0 1,1 Gv 0,0 0,1 Gv 0,0 0,1 Kr:1 m:M4 dir:.	1,1 NGV 0,0 1,1 0,1 pkr:1 m:M4 dir:. NGV 0,0 1,1 1,1 1,1 1,1 1,1 1,1 1,1	H H H H H H H H H H H H H H H H H H H	m:poles4 dir:/o
#te:s-take-a->s-fuku-u #te:s-take-i->s-yama-o #te:s-take-u->s-yama-o #te:s-take-u->s-kita-i #te:s-take-o->s-kita-i a-1/5).### #te:s-vama-a->s-sanuki-a #te:s-yama-a->s-sanuki-a #te:s-yama-a->s-sanuki-a #te:s-yama-a->s-sanuki-a #te:s-yama-a->s-sanuki-a #te:s-yama-a->s-take-a #te:s-yama-a->s-take-a #te:s-yama-a->s-take-a	fuku k:9 N:1 sp // Ss-yama-i NGs N // Ss-fuku-i // Ss-fuku-i // Ss-take-e NGs N // Ss-take-e NGs N // Kita k:9 N:1 sp	>s-kita-a ss-fuku-o NGs N ss-fuku-o NGs N ss-kita-e >s-kosi-o NGs kosi k:9 N:1 sp >s-kosi-i ss-kosi-i ss-kosi-e >s-kosi-e ss-kosi-e -s-kosi-e -s-kosi-e -s-kosi-e -s-kosi-e -s-kosi-e -s-kosi-e -s-kosi-e -s-kosi-e -s-s-s-s-anuki-i 11.	nuki-e->s-sanuki nuki-o->s-kosi-o- nuki-o->s-kosi-o- te:s-ake k:9 N: /nuli' /nuli' /nuli' /nuli' /e-a->s-take-a /e-a-s-yama-a /e-a-s-yama-a /e-a-s-yama-a /e-a-s-yama-a	1=7/30=23.3 1=-fuku k:9 N:1 spkr:1 1=v/null' 1=-fuku-a-s-yama-i 1=-fuku-i-s=-kita-a 1=-fuku-i-s=-kita-a 1=-fuku-o-s=-kake-i 1=-f
0.070518 0.081883 + 0.08526 0.071561* + 0.09398* 0.118939 + 0.072163 + 0.475513 0.072163 + 0.475513 0.07534 + 0.475513 0.05994 0.118871 + 0.09994 0.118871 + 0.098899 0.078579 + 0.088899 0.078579 + 0.088899 0.078579 + 0.088899 0.078579 + 0.08246 0.078570 + 0.08246 0.00246 0.00246 0.00246 0.00246 0.00246 0.00246 0.00246 0.00246 0.00246 0.00246 0.00246 0.0	s-kosi:s-sanuki:s-take:s- tt:0:800:800 DISP:0: nd tr:s-fruk are as follo nd tr:s-fruk are as follo 0:050398 0.087069 #tc 0:091319 0.120336 #tc 0:03638* 0.079330 #tc 0:036108* 0.051473 #tc cognized as licee (rate=:s-kosi:s-sanuki:s-take:s-t	0.067545 0.110141 #te:s-kita-a- 0.068193 0.047061 #te:s-kita-1- 0.053881* 0.110728 #te:s-kita-1- 0.215457 0.124814 #te:s-kita-6- 0.215457 0.124814 #te:s-kita-6- 0.215457 0.124814 #te:s-kita-6- 0.215457 0.124814 #te:s-kita-6- 0.104820 0.0000 DISP:0 > (Ade/null) and tr:s-fiku are as follows. 0.03268* 0.145909 #te:s-kosi-1- 0.048208* 0.12996 #te:s-kosi-1- 0.24335 0.018894 #te:s-kosi-1- 0.24335 0.018894 #te:s-kosi-1- 0.24335 0.018895* #te:s-sanuki- 0.05207* 0.068198 #te:s-sanuki- 0.03923 0.068198 #te:s-sanuki- 0.03923 0.108918 #te:s-sanuki-	277918 0.101650 277918 0.109305* 0.00313-8-anuki:s-take 0.100:00:00:00:00 DISP: tr:s-fuku are as fr 070192 0.011883 08552 0.071861 08558 0.07334 47513 0.129901* mixed as aluio (rainise as aluio) (rainise as aluio (rainise as alu	4, single (0+1+1+2+3+ sanuki:s-take:s-yan :800:800:800 DISP:0 of s-fuku and tr:s 0.042355 0.097053 0.05820 0.133079 0.05820 0.126917 0.19433 0.126617 0.19433 0.126617 0.19433 1.261617 sanuki:s-take:s-yanuki:s-take:s-yan
0.058749* 0.056541 0.115423 0.056038 0.056038 0.46274 1600 are yama a' 0.11550 0.105309 0.105309 0.068988* 0.068988*	g M4,k9 u:s-kit :0 T:10 s-fuku .078236 .057324 .071684 00 are u:s-kit	113028 .086010 .07492 .07492 .00 axe .00 axe .00 axe .006821 .006821 .006821 .006821 .006821 .006821 .006821 .006821	08256 31321 0 T:11 0 T:11 05626 05626 05626 05603 05603 05603 05603 05603 05603 05603 05603 05603 05603 05603 05603	with pol- ta:s-kosi T:10 oitu 0.078731 0.136691 0.140440 0.157976 600 are r- ku:s-kosi T:100 tt
0.076832 0.08910 0.08910 0.08910 0.08910 0.08910 0.08910 0.08910 0.08168 0.08168 0.08810 0.08168 0.	el+speaker ecogy3 tris 771:20 Diff stance of N 0.04136 0.051206 0.059137 0.05913 0.05913 0.05913 0.05913 0.05913 0.05913	0.10839 0.0884219 0.0984219 0.200355 0.220635 0.220635 0.22063 0.155300 0.155300 0.022833 0.02283 0.02283 0.02283 0.02283 0.02283 0.02283 0.02283 0.02283 0.02283	0.0 0.0 11:20 0.0 0.0 0.0 0.0 0.1 0.0 0.0 0.0 0.0 0.	h recognit cogy in the 20 Diffmos 20 Diffmos 0.04006 0.109844 0.093843 0.09554 -aiuc -aiuc
17637 # 0.069022 17638 # 0.133683 17739 # 0.133683 17640 # 0.69844 17642 ###men-17646 17642 ## men-17646 17644 # 0.091932* 17645 # 0.1079468* 17647 # 0.099725 17647 # 0.099725 17647 # 0.099725	(11'+1) cmd='vow 07 rsa:-1 ## mean # 0.052 # 0.061 ## 0.062 ###+e:s- cmd='vow 07 rsa:-1	######################################	## 0 0073 ### 0 0073 ### 0 0086 ## 0 0086 ## 0 0086 ## 0 0 0089 ## 0 0 0089 ## 0 0 0089 ## 0 0 0089 ## 0 0 0089 ## 0 0 0089 ## 0 0 0089	(11') s cmd='vow rsa:-1:0. ### mean # 0.066 # 0.073 ## 0.147 ## 0.145 ## 0.145 ## 0.145 ## 0.145

```
nsei07 rsa:-1:0.7:1:20 DiffMode:0 T:100 tt:0:800:800:800 DISP:0 > /dev/null'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0.156993 0.122007* 0.176881
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       # 0.142730
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            17861
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ### mean distance of poles of 'alueo' of s-kosi and tris-fikku are as follows.

# 0.08936 0.10284 0.103473 0.064772* 0.099884 #te:s-kosi-a-s-skitea-e

# 0.151287 0.264857 0.195288* 0.23522 0.24107 #te:s-kosi-a-s-skitea-e

# 0.151287 0.264857 0.149947* 0.190656 0.250199 #te:s-kosi-u-s-samuki-u

# 0.151287 0.264857 0.149947* 0.190656 0.250199 #te:s-kosi-u-s-samuki-u

# 0.1651287 0.164857 0.149947* 0.190656 0.10155 #te:s-kosi-u-s-samuki-i

# 0.1651287 0.149973 0.114399 0.186103 0.190015 #te:s-kosi-o-skita-a

###te:s-kosi-alueo-t800+1600 are recognized as eunia (rate-1/5) ###

cmd='vowelrecogy3' tr:s-fikuis-kitais-kosi-s-yama te:s-samuki k:9 N:1 spkr:1 m:poles4 dir:../o
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ### mean distance of poles of 'alueo' of s-cake and tr:s-tkku are as follows.

# 0.051745* 0.070819

# 0.051745* 0.070819

# 0.051745* 0.070819

# 0.051746* 0.193849

# 0.070625 0.083610 0.155533 0.090764 0.063168  ##te:s-take-u->s-yama-e

# 0.070625 0.083610 0.155355 0.059266* 0.08536  ##te:s-take-u->s-yama-e

# 0.070625 0.083610 0.153355 0.059266* 0.08536  ##te:s-take-u->s-yama-e

# 0.104480 0.0223999 0.215789 0.205241 0.198867* ##te:s-take-u->s-yama-e

###te:s-take-aiuco-t800+1600 are recognized as acceo (rate=3/5) ###

cmd='vowelrecogy' tr:s-fiku:s-kitas-kosi:s-sanuk:s-take te:s-yama k:9 N:1 spkr:1 m:poles4 dir:../o

rsai-1:0.71:20 DiffMode:0 T:100 tt::800:800:800:800 DISP:0 > /dev/null k:9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ### mean distance of poles of 'alueo' of s-kita and tr:s-fuku are as follows.

# 0.0464812 * 0.085542 0.065134 0.065145 0.084434 ##e:s-kita-a-s-s-kita-a 1,1

# 0.142730 0.156993 0.122007* 0.176881 0.065712* ##e:s-kita-a-b-s-kita-0 0,0

# 0.11703 0.097138 0.14529 0.09388 0.065712* ##e:s-kita-u-s-fuku-o 0,0

# 0.074908 0.05957 0.055570 0.03439* 0.087765 ##e:s-kita-a-b-s-kita-e 1,1

###te:s-kita-alueo-te00+1600 are recognised as augeo (rate-3/5) ###

cmd='vowelracogy3 tr:s-fuku:s-kita:s-kosnis-sanuki:s-take:s-yama te:s-kosi k:9 N:1 m:poles4 dir:../o

rsaa-1:0.77:120 DiffMode:0 7:100 tt:0:800:800:800:800:800 DISP:0 > /dev/null':
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1776 | ### mean distance of poles of value.sexukis-take:=-yama tes-kosi k:9 N:1 m:poles4 dir:.. | | | | |
| 1776 | ### mean distance of poles of value.or (section 2) = yama tes-kosi k:9 N:1 m:poles4 dir:.. |
| 1777 | # 0.176039 | 0.105913 | 0.166033 | 0.07666* 0.089947 | #tes-kosi-a-s-sanuki-e 0.0 |
| 1777 | # 0.176039 | 0.103718* 0.103780 | 0.237097 | 0.23501 | #tes-kosi-a-s-skosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-s-kosi-a-
                                                                                                                                                 # 0.098077 0.053862* 0.070727 0.068953 0.113057 #te:s-kita-e->s-yama.i
# 0.215709 0.21942 0.229450 0.219299 0.206064* #te:s-kita-o->s-kosi-o
##tte:s-kita-aiueo-t800+1600 are recognized as uuoio (rate=1/5):###
cmd='vowalrecogy3 tr:s-fuku:s-kita:s-samuki:s-take:s-yama te:s-kosi k:9 N:1 spkr:1 m:poles4 dir:../o
rsa:-1:0.7:1:20 DiffMode:0 T:100 tt:0:800:800 DISP:0 > /dev/null'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ###te:s-sauukl-aiue-t800-1600 are recognized as ieuoo (rate=2/5).###
cmd='vowelrecogy3 tr:s-fuku:s-kita:s-kosi:s-sanuki:s-yama te:s-take k:9 N:1 spkr:1 m:poles4 dir:../o
rsa:-1:0.7:1:20 DiffMode:0 T:100 tt:0:800:800 DISP:0 > /dev/null'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ###te:s-sanuki-aiueo-t800+1600 are recognized as iluio (rate=3/5).### comd='vowelrecogy3 tr:s-fuku:s-kita:s-kosi:s-sanuki:s-take:s-yama te:s-take k:9 N:1 m:poles4 dir:../o
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       v. 096537 0.111770 #tes-sanuki.i-s-sanuki.i.1,1
0.068636 0.096009 #tes-sanuki.-u.s-sanuki-u.1,1
0.068636 0.096009 #tes-sanuki-u-s-sanuki-u.1,1
0.20847 0.075740* #tes-sanuki-e-s-sanuki-i.1,0
recognized as iiuio (rate=3/5).###
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              "aiuco of s-sanuki and tris-fuku are as follows."
1534 0.14376 0.14973 #te:s-sanuki-a-s-kita-i
1618 0.073377* 0.094199 #te:s-sanuki-i-s-kosi-e
1838 0.15930 0.17180 #te:s-sanuki-u-s-yama-u
1869 0.059645 0.058313* #te:s-sanuki-u-s-yama-u
1883 0.208531 0.136678* #te:s-sanuki-o-s-kosi-e
1884 0.208531 0.136678* #te:s-sanuki-o-s-kosi-o
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ### mean distance of poles of 'aiueo' of s-yama and tris-fuku are as follows.
# n.245764 0.246452 0.146591* 0.173575 0.226945 #ters:y-yama-a-s-kosi-u
# 0.022364 0.10337 0.120618 0.076197 0.091506 #ters:y-yama-i->s-take-a
# 0.251607 0.214146 0.171317 0.133706* 0.196442 #ters:y-yama-u->s-fuku-e
# 0.04184 0.112032 0.062518* 0.091817 0.131433 #ters:y-yama-u->s-take-u
# 0.120890 0.076571* 0.082375 0.118041 0.101967 #ters:y-yama-o->s-take-i
###ters:y-yama-alueo-t800+1600 are recognized as uacui (rate=0/5) ###
                                                                                                                 0.039428* #te:s-kita-u->s-fuku-o
of s-kita and
                                    0.057902* 0.078546
0.119480* 0.229855
0.176504 0.108216
* 0.070727 0.068953
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ### mean distance of poles of 'aiuco'
# 0.149024 0.131100* 0.160334
# 0.093308 0.137308 0.1372618
# 0.166220 0.187308 0.047830*
# 0.070106 0.105505 0.118869
# 0.223717 0.229743 0.229931
    poles
                                    # 0.102827
# 0.178910
# 0.183233
# 0.098077
# 0.215709
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0.164903
                                                                                                            17714
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	eiO7 rsa:	/onsei07	/onsei07		
	/ons	s4 dir:	s4 dir:		VR20/30
100011		o in	ole le	- # O # -	30 a a 0,0
-fuku are as followsfuku are as followsfuku are as followsfukes-cake-a-s-ta	17803 (11.'') speach recognition with poles4,bag,N9 (1+1+2+2+3+2+0)/30=11/30=36.7% 17804	#te:s-kosi-o->s-sanuki. tte=2/5).### te:s-sanuki k:9 N:1 m:pc m:s-fuku are as follows. ::s-fuku are as follows. #te:s-sanuki-a->s-kuta. #te:s-sanuki-u->s-kosi- #te:s-sanuki-u->s-kosi- #te:s-sanuki-o->s-kosi- #te:s-sanuki-o->s-kosi- #te:s-sanuki-o->s-kosi-	Tax deceases with misponal and test of the second and the second a	-fiku are as follows. #te:s-yama-a->s-kita-i #te:s-yama-i->s-take-a #te:s-yama-u->s-tuke-a #te:s-yama-u->s-take-u #te:s-yama-o->s-take-u tre:s-yama-o->s-take-u tre=0/5).###	SR19/ #te:s-tuku-a->s-yama-i #te:s-tuku-i->s-yama-i #te:s-fuku-i->s-kita-i #te:s-fuku-u->s-kita-i #te:s-fuku-o->s-kita-i #e:s-fuku-o->s-kita-i s-fuku are as follows. i-fuku are as follows. #te:s-kita-a->s-kita-a #te:s-kita-a->s-kita-a #te:s-kita-i->s-yama-u
000 DISP:0 > 0072962 # 0073562 # 0073562 # 0073562 # 0073562 # 0073562 # 00737629* # 00737631 # 00735694 # 4 00756899 # # 0075689 # 0075689 # 0075689 # 0075689 # 0075689 # 0075689 # 0075689 # 0075689 # # 0075689	(1+1+2+2+2+2+2+2+2+2+2+2+2+2+2+2+2+2+2+2	0.159069* 0.159069* 0.159069* 0.096009 0.111770 0.145080 0.096009	as reueo (muki:s-yam () 7 dev/r () 0.072986 () 0.073562* () 0.08314 () 0.192654* () aoeao (re	10 > /dev/r na and tr:s 0.120099 0.091631 0.098694* 0.093746 0.063176 5 iaoui (re	uku and tr:s-f 0.07343 # 0.105335 # 0.098339 # 0.11189 # 0.083534 # as juan (rate ita and tr:s-f 0.084943 #
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### mean distrible. # 0.09734* # 0.097334 # 0.09732 # 0.063752 # ### e:-s-2844 ### e:-s-2844 ### mean distrible. # 0.072441* # 0.072441* # 0.074593 # 0.074593 # 0.074593	(111'') speak 'Overlecogy3 'O'Diffender'o ### mean dist # 0.057720 # 0.094102 # 0.094102 # 0.094102 # 0.089750 # # 0.080591 # 0.14208	##tc:s-kosi-cade vowells9 ###tc:s-kosi-cade vowells9 77:1:20 DiffMc ### mean dist # 0.100047 # 0.120829 # 0.120829 # 0.140897	cmd='vowelrec cmd='vowelrec 7:1:20 DiffM ### mean dist # 0.06095* # 0.06520 # 0.06520 # 0.06520 # 0.06520 # 0.06520 # 0.06520 # 0.06520 # 0.06520	//:1:20 DiffM ### mean dist # 0.072441* # 0.116383 # 0.074593 # 0.077640 ###te:s-yama-	## mean dista # 0.04726 # 0.07420 # 0.07421 # 0.079412 # 0.089750 ### te:s-fuku- ### te:s-fuku- ## 0.04812 # 0.04412 # 0.04412
nsei07 1/786 1/786 1/786 1/786 1/786 1/786 1/786 1/796 1/799	17803 10.7804 17804 17805 17806 17806 17808 17808 17810 17811 17811 17814 17814 17814 17817 17818 17818 17818 17818 17818 17818	17824 17825 17825 17826 17827 17829 17830 17831	1,833 rsa:2:0. 1,7834 1,7835 1,7836 1,7839 1,7840 1,7840 1,7840 1,7840	rsa:2:0. 17843 17844 17845 17846 17846 17849 17849	17851 17852 17853 17854 17855 17856 17858 17858 17859 17860

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->s-fuku-o ->s-kita- ->s-sanuki ->s-sanuki ->s-sanuki ->s-kosi-o ->s-take-o -	30=0.333 :6 spkr:1 c) /dev/mul fo) /dev/mul c) -se sanuki ->se sanuki	N:6 N:6 N:6 N:ta N:ta N:ta N:ta N:110w S:-kc S:-ta S:-kc	N:6 ows. kosi kosi kosi kosi
##e:s-kita-u->s-fuku-o 0,0 ##e:s-kita-e-o-s-anuki-o 0 #=is-kita-e-o-s-anuki-o 0 #=is-kita-e-s-s-anuki-o 0 ##e:s-kosi-a->s-sanuki-e 0 ##e:s-kosi-u->s-kosi-u 1 ##e:s-sanuki-s-s-sanuki-i ##e:s-sanuki-s-s-sanuki-i ##e:s-sanuki-o-s-sanuki-i ##e:s-sanuki-o-s-sanuki-i ##e:s-sanuki-o-s-s-sanuki-i ##e:s-sanuki-o-s-s-kosi-o "s-yama te:s-take k:9 N:1 1 /dev/null, ##e:s-take-u->s-take-u 1 /dev/null, ##e:s-take-u->s-take-u 1 /dev/null, ##e:s-take-u->s-take-u 1 /dev/null, ##e:s-yama te:s-yama k:9 N:1 1 ##e:s-yama te:s-yama a-s-yama-a 0 ##e:s-yama a-s-yama-a 0 ##e:s-yama-a-s-fuku-o 0 ##e:s-yama-a-s-s-fuku-o 0 ##e:s-yama-a-s-s-yama-a-s-yama-a-o-s-	+1+2)/30=10/30=0.333uku k.27 N:6 spkr:1 m: 7tita are as follows. Atta are as follows. #te:s-fuku-a->s-samuki-i- #te:s-fuku-a->s-samuki-i- #te:s-fuku-a->s-samuki-i- #te:s-fuku-a->s-samuki-i- #te:s-fuku-a->s-samuki-i- #te:s-fuku-a->s-samuki-i- #te:s-fuku-a->s-samuki-i- #te:s-fuku-a->s-samuki-i- #te:s-fuku-a->s-take-u- #te:s-kita-a->s-samuki-a-	1177 1177 1177 1177 1177 1177 1177 117	# # # # # # # # # # # # # # # # # # #
te:s-kita-u es:s-kita-o =3/5).### Uku axe as te:s-kos1-a te:s-sanuki te:s-yama te:s dev/null' uku axe as te:s-yama-a te:s-yama-a te:s-yama-a	0=10/ 227 N 1779 N 18 N 18 N 18 N 18 N 18 N 18 N 18 N 18	SSI	# Ke - 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1:
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12* #te:s-kita 65 #te:s-kita 89* #te:s-kita 80* #te:s-kita 47 #te:s-kosi 47 #te:s-kosi 15 #te:s-kosi 15 #te:s-kosi 15 #te:s-kosi 15 #te:s-kosi 16 #te:s-kosi 17 #te:s-kosi 18 #te:s-kosi 18 #te:s-kosi 19 #te:s-sanu 10 #te:s-sanu 10 #te:s-sanu 10 #te:s-sanu 10 #te:s-sanu 10 * /de/null' 10 > /de/null' 11 #te:s-take 12 #te:s-take 13 #te:s-take 14 #te:s-take 15 #te:s-take 16 #te:s-take 17 #te:s-take 18 #te:s-take 19 * #te:s-take 10 > /de/null' 11 #te:s-take 10 > /de/null' 11 #te:s-take 12 #te:s-take 13 #te:s-take 14 #te:s-take 15 #te:s-take 16 #te:s-take 17 #te:s-take 18 #te:s-take 19 * #te:s-yana 11 #te:s-take 10 > /de/null' 11 #te:s-take 12 #te:s-take 13 #te:s-yana 14 #te:s-take 15 #te:s-yana 16 #te:s-yana 17 #te:s-yana 18 #te:s-yana 18 #te:s-yana 19 #te:s-yana 11 #te:s-yana 11 #te:s-yana 12 #te:s-yana	2+1+2 N-11 N-7:11 -7:12 -7:14 -7:16 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7	## te::	ate= fuk:(0 fuk:(0 fuk:(1 fuk:(1 fuk:(1) fuk:(
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0.097138 0.056227 0.056227 0.056139 0.1061318 0.103718* 0.103718* 0.103718* 0.105425 0.05252 0.05252	0901; ta:st 1884 * * * * * * * * * * * * * * * * * *	10 de 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10de: 10de: 10de: 10de: 152 152 152 152 153
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0.1117 0.1528 0.1528 0.1958 0.0978 0.1087	elreco mean 0.0598 0.0598 0.0598 0.0598 0.0598 0.0598 0.0598 0.0598 0.0528	10000000000000000000000000000000000000	mear mear 0.052 0.055 0.055 0.055 0.055
***********	(11.7.2.0.07.2.2.00.08.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3	17915 cmd= vowelrecogg3 tr:8-tku:s-kite;s-sanuki:s-take:s-vama te:s-kosii k:27 N:6 spkr:1 m:pol consei07 rssa:2:0.71:120 pifknode:0 T:100 tt:100 tt:0015p:0 pifk:0.75:11:1179 > /dev/null' 17916 ### mean distance of pols of 'airoe' of s-kosi and tr:s-fuku are as follows. 17917 # 0.055264 0.055094 0.056870 0.05433* 0.059408 #te:s-kosi-a->s-kita-e 17918 # 0.060513 0.05892* 0.059403 0.06049 0.058615 #te:s-kosi-a->s-kita-o 17920 # 0.055199* 0.05910 0.06059 0.058603 0.058621 #te:s-kosi-a->s-kita-o 17921 # 0.060510 0.059879 0.06048 0.058603 0.058201 #te:s-kosi-a->s-kita-o 17922 ### mean distance of pols of 'airoe' of s-kosi-a->s-kita-o 17922 ### mean distance of pols of 'airoe' of s-sanuki and tr:s-fuku are as follows. 17923 ## mean distance of pols of 'airoe' of s-sanuki and tr:s-fuku are as follows. 17924 # 0.055123* 0.055694 0.054597 0.05430* 0.055083 #te:s-sanuki-a->s-kosi-e 17925 # 0.055238* 0.055594 0.054597 0.05430* 0.055794 #te:s-sanuki-a->s-kosi-e 17922 ## 0.055129* 0.055694 0.054597 0.05430* 0.055794 #te:s-sanuki-a->s-kosi-e 17922 ## 0.055010 0.055948 0.05573 0.05573 4 #te:s-sanuki-a->s-kosi-e 17928 # 0.055717 0.055348 0.05573 0.055791 #te:s-sanuki-a->s-kosi-e	## # # # # # # # # # # # # # # # # # #
17862 178653 17867 17867 17867 1787 1787 1787 1787 1	17899 (117899 (11790) vow. 1790 vow. 1790 vow. 17902 ### (17905 #### (17906 #### (17906 #### (17910 #### (17910 #### (17910 ### (179	90000000000000000000000000000000000000	17929 17930 0nsei07 17931 17932 17933 17934 17935 17935
1077			00 00 00 00 00 00 00 00 00 00 00 00 00

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dir:..Onneilof vasis.10.71:120 picfikodes of 'aileo' of S-fikus and tris-fiku are as follows.

17449 ### mean distance of poles of 'aileo' of S-fikus and tris-fikus are as follows.

17449 ## po.059322 0.059492* 0.057163* 0.05936 0.059314 #te:s-fikus-a-s-samuki-1 0.0

17950 # 0.059322 0.058450 0.057163* 0.05935 0.059314 #te:s-fikus-a-s-fikus-1

17951 # 0.059231 0.057152* 0.058430 0.059526 0.056950 #te:s-fikus-a-s-fikus-1

17952 # 0.089575 0.058384 0.057773* 0.058642 0.058650 #te:s-fikus-a-s-fikus-1

17953 # 0.089575 0.058384 0.057773* 0.058642 0.058650 #te:s-fikus-a-s-fikus-1

17954 ##te:s-fikus-aico-eloof-1600 are recognized as inuiu (fate=1/5); ###

17955 ## 0.048574* 0.057395 0.05836 0.057115* 0.058617 #te:s-fikus-a-s-kika-1

17955 ## 0.048574* 0.05730 0.05826 0.057115* 0.05843 #te:s-kika-a-s-kika-1

17955 ## 0.057445 0.057830 0.05826 0.057115* 0.05843 #te:s-kika-a-s-kika-1

17955 ## 0.057445 0.057830 0.05826 0.057115* 0.05843 #te:s-kika-a-s-kika-1

17956 # 0.05839 0.05649 0.05649 0.058430 0.05843 #te:s-kika-a-s-kika-1

17954 # 0.05599 0.05649 0.05640 0.05826 0.057710* #te:s-kika-a-s-kika-1

17954 # 0.05599 0.05649 0.05640 0.05826 0.057710* #te:s-kika-a-s-kika-1

17954 # 0.05090 0.05640 0.05640 0.05826 0.057710* #te:s-kika-a-s-kkai-1

17955 ## mean distance of poles of 'aiueo' of s-kosi and tr:s-fiku are as follows.

17965 # 0.055949 0.05640 0.05660 0.05820 0.05810 1.1

17967 ## 0.06591 0.056979 0.05666* 0.05800 0.05810 #te:s-kosi-a-s-kosi-a-1

17968 ###te:s-kosi-aiue-t800+1600 are recognized as ineo (rate=5-5).###

17968 ###te:s-kosi-aiue-t800+1600 are recognized as ineo (rate=5-5).###

17969 ###te:s-kosi-aiue-t800+1600 are recognized as ineo (rate=5-5).##

17970 # 0.052438 0.056439 0.054308 0.055709 #te:s-kosi-a-s-amuki-a-1,1

17970 ## 0.052438 0.056430 0.054308 0.055709 #te:s-s-kosi-a-1,1

17971 ###te:s-kosi-aiue-t800+1600 are recognized as ineo (rate=5-5).###

17970 ## 0.052438 0.056430 0.054308 0.055709 #te:s-s-samuki-a-s-samuki-a-1,1

17971 ###te:s-somuki-aiue-t800+1600 are recognized as ineo (rate=5-5)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     17994 #NG#(11''') mistake:speach recognition with poles4 (1+0+1+0+1+1)/30=4/30
17995 #NG#cmd='vowelrecogy's tr:s-kitais-kosis:seaunkis-rake:s-yama te:s-fuku k:27 N:6 spkr:1 m:poles4 dir
17995 #NG#### mean distance of pole tr:0:800:800 DISP:0 npt:0.7:1.1.1:199 / dev/null'
17996 #NG#### mean distance of pole tr:0:800:800:800 DISP:0 npt:0.7:1.1.1:199 / dev/null'
17997 #NG## 0.66723* 0.66697 0.078839 0.078839 0.073801 #te:s-fuku-a-s-sanuk-a
17999 #NG## 0.071210 0.66999 0.077889 0.072802 0.07381 #te:s-fuku-a-s-sanuk-a
17999 #NG## 0.070711 0.06999 0.077899 0.072902 0.07331 #te:s-fuku-e-s-kita-i
18009 #NG## 0.070378 0.077380 0.077399 0.072097 0.072039 0.072097 0.072097 0.072097 0.077309 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.072097 0.07209
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           17946 Vowelrecogy3 trs=fukuis-Kitais=kos1:s-sanukis-cake:s-yama teis-fuku k:27 N:6 spkr:1 m:poles4 dir:..

17946 Vowelrecogy3 trs=fukuis-kitais=kos1:s-sanukis-cake:s-yama teis-fuku k:27 N:6 spkr:1 m:poles4 dir:..

17948 ### mean distance of poles of 'auteo' of s-fuku and tr:s-fuku are as follows.

17948 ## mean distance of poles of 'auteo' of s-fuku and tr:s-fuku are as follows.

17948 ## mean distance of poles of 'auteo' of s-fuku and tr:s-fuku are as follows.

17959 # 0.05938 0.05949* 0.05173* 0.05925 0.05934 ##:s-fuku-a-s-sanuki-i 0.0

17951 # 0.05938 0.058462 0.057163* 0.05934 0.059550 ##:s-fuku-a-s-fuku-u 1,0

17952 # 0.058938 0.05848 0.05743* 0.05944 0.059550 ##:s-fuku-e-s-sanuki-i 0.0

17953 # 0.059575 0.05838 0.05848 0.05743* 0.05948 0.059550 ##:s-fuku-e-s-sanuki-i 0.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1,11,0
1,1,0
1,1,1,1
                                                                                                                                                                                                                                                                                                                                                                                                                    SR25/30 VR24/30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ### mean distance of poles of 'alueo' of s-take and tris-fuku are as follows.
# 0.08904 * 0.059489 0.050974 0.050119 0.050809 #tess-take-a-s-take-a
# 0.056822 0.053414* 0.057138 0.056122 0.058945 #tess-take-u-s-take-u
# 0.057380 0.055752 0.05556* 0.055764 0.05594 #tess-take-u-s-take-u
# 0.053340 0.05392 0.053874 0.055204* 0.055426 #tess-take-u-s-take-u
# 0.056972 0.057390 0.056261 0.056667 0.052117* #tess-take-o-s-take-u
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               #te:s-yama-a->s-yama-a
#te:s-yama-i->s-kosi-e
#te:s-yama-u->s-yama-u
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        # 0.057411 0.057123 0.054115* 0.055412 0.056932 #te:s-yama-u->s-yama-u-
# 0.054303 0.054018 0.054409 0.052864* 0.053894 #te:s-yama-e->s-yama-e-
# 0.054935 0.056336 0.055776 0.055149 0.054704* #te:s-yama-o->s-yama-o-
###te:s-yama-alueo-t800+1600 are recognized as seueo (rate=4/5).###
### mean distance of poles of 'aiueo' of s-yama and tris-fuku are as follows.
# 0.05739* 0.051613 0.052917 0.051140 0.054995 #te:s-yama-a-s-take-a
# 0.059173 0.057853 0.058156 0.058398* 0.060102 #te:s-yama-i->s-kosi-e
# 0.057411 0.057123 0.056884 0.0554128* 0.057044 #te:s-yama-u->s-kosi-e
# 0.054313 0.054018 0.055408 0.053305* 0.057044 #te:s-yama-a--s-kosi-e
# 0.054335 0.054318 0.055316 0.053005* 0.058909 #te:s-yama-a->s-kosi-e
# 0.054335 0.056316 0.055706 0.058909 #te:s-yama-a->s-take-a
###te:s-yama-aiueo-t800+4600 are recognized as aeeea (rate=2.5).###
(211.''+1) vowel+speaker recognition with poles4,bag,N27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        of s-yama and tr:s-fuku are as follows.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ###te:s-take-aiueo-t800+1600 are recognized as aiueo (rate=5/5).###
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0.051140
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               'aiueo'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ### mean distance of poles of 'aiu
# 0.050703* 0.051613 0.052917
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0.057253 0.058156
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0.059173
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```

18005 18006 18007 18008 18010 18010

17998 17999 18000 18001 18002 18002

18010 #NG####te:s-kita-aiueo-t800+1600 are recognized as iaaaa (rate=0/5).###

18011 #NG#cmd='vowelrecogy3 tr:s-fuku:s-kita:s-sanuki:s-take:s-yama te:s-kosi k:27 N:6 spkr:1 m:poles4 dir
:../onsei07 rsa:-1:0.7:1:20 piffMode:0 T:100 ti:0:800:800:800:80p:0pt:0.7:1.1:1:19 > /dev/null'
18012 #NG#### mean distance of poles of 'aiueo' of s-kosi and tr:s-fuku are as follows.
18013 #NG## 0.074377 0.071121 0.071016* 0.073658 0.073133 #te:s-kosi-a->s-fuku-u

```
18018 #NOG####te:s-kosi-aiuco-t800+1600 are recognized as ucioo (rate=1/5),###

18019 #NOG####te:s-kosi-aiuco-t800+1600 are recognized as ucioo (rate=1/5),###

18019 #NOG####te:s-kosi-aiuco-t800+1600 are recognized as ucioo (rate=1/5),###

18020 #NOG#### mean distance of poles of aiuco of seauuki and tr:s-fuku are as follows.

18021 #NOG## m. 0.064863 0.06504 0.059606 0.05809 #te:s-saanuki-a-s-s-fuku-u

18022 #NOG## 0.06747 0.067745 0.066075 0.068050 0.06189 #te:s-saanuki-a-s-s-fuku-u

18022 #NOG## 0.075346 0.07746* 0.077276 0.078050 0.061589 #te:s-saanuki-a-s-take-a

18023 #NOG## 0.075346 0.07746* 0.077276 0.088050 0.061589 #te:s-saanuki-a-s-take-a

18024 #NOG## 0.075346 0.066079 0.070276 0.06479 #te:s-saanuki-a-s-take-a

18025 #NOG## 0.075346 0.066079 0.070276 0.088070 0.01536 #te:s-saanuki-a-s-take-a

18025 #NOG## 0.075346 0.066079 0.070276 0.088070 0.01536 #te:s-saanuki-a-s-take-a

18025 #NOG## 0.065079 0.070276 0.088070 0.01536 #te:s-saanuki-a-s-take-a

18025 #NOG## 0.065079 0.070276 0.088070 0.01536 #te:s-cake k:27 NiG spk:i m:poles4 dir

1.../onseiO7 rsa:-1:0.7:1:20 DiffMode:0 T:100 tt:0:800:800:800 DISP:0 Dpt:0.7:1.1:1:79 > /dev/null'

18029 #NOG## 0.066076 0.066472 0.066487 0.07386 #te:s-take-a-s-kosi-e

18029 #NOG## 0.069675 0.066472 0.066887 0.07389 #te:s-take-a-s-kosi-e

18031 #NOG## 0.07386 0.066783 0.07373* 0.06980 #te:s-take-a-s-kosi-e

18032 #NOG## 0.069720 0.066783 0.07373* 0.06480 #te:s-take-a-s-kosi-e

18033 #NOG## 0.069720 0.066887* 0.07387* 0.06480 #te:s-take-a-s-kosi-e

18034 #NOG## 0.069720 0.066887* 0.07373* 0.06480 #te:s-take-a-s-kosi-e

18034 #NOG## 0.069720 0.066887* 0.07373* 0.06480 #te:s-take-a-s-kosi-e

18035 #NOG## 0.069720 0.066887* 0.07387* 0.06480 #te:s-take-a-s-kosi-e

18037 #NOG## 0.069720 0.066887* 0.07384 #te:s-take-a-s-kosi-e

18038 #NOG## 0.069720 0.066939 0.07373* 0.06480 #te:s-take-a-s-kosi-e

18039 #NOG## 0.069720 0.066887* 0.07387* 0.08480 #te:s-take-a-s-kosi-e

18039 #NOG## 0.069720 0.066887* 0.07387* 0.06897 #te:s-take-a-s-kosi-e

18039 #NOG## 0.069720 0.066930 #te:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   18057 cmd-'vowelrecogy3 tris-fuku:s-kita:s-kosiis-samuki:s-take:s-yama teis-kita k:9 N:1 spkr:1 m:M4 dir:

'/onsei07 rsa:-1:0.71:20 DiffMode:0 T:100 tt:0:150:150 DISP 0 > /dev/mull'

18058 ## mean distance of M4 of s-kita and tris-fuku are as follows.

18059 # 0.116835 0.106875 0.13343 0.01893* 0.123387 ##eis-kita-a->s-samuki-e

18060 # 0.080709* 0.130284 0.13343 0.101893 0.106538 ##eis-kita-a->s-kita-a

18060 # 0.080709* 0.130284 0.13343 0.101893 0.106538 ##eis-kita-a->s-kita-a

18060 # 0.12884 0.130454 0.101598 0.069948* 0.118718 ##eis-kita-a->s-kita-a

18063 # 0.168679 0.130454 0.105185 0.157105 0.095021* ##eis-kita-a->s-kita-a

18064 ##eis-kita-alue-ti50-300 are recognized as eaueo (rate=3/5) ###

18064 # 0.129491 0.130454 0.155185 0.157105 0.095021* ##eis-kita-a->s-kita-a

18065 # 0.129495 0.130734 0.25448 0.25447 0.14718 1.15740 ##eis-kosi-a->s-kita-a

18068 # 0.129496 0.231978 0.057734* 0.25446 0.232296 ##eis-kosi-a->s-kosi-a

18069 # 0.12883 0.057734 0.057734* 0.25678* 0.10173 ##eis-kosi-a->s-kosi-a

18070 # 0.201057 0.257718 0.25771 0.267584 0.075261* ##eis-kosi-a-s-kosi-a-

18071 ###eis-kosi-alue-ti50+300 are recognized as alueo (rate=5/5):###
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   cmd='vowelrecogy3 tr:s-fuku:s-kita:s-kosi:s-sanuki:s-take:s-yama te:s-take k:9 N:1 spkr:1 m:M4 dir:.

107 rss:-1:0,7:1:20 DiffMode:0 T:100 tr:0:150:150:150:150 DISP:0 > /dev/null'

### mean distance of M4 of s-take and tr:s-fuku area so follows

# 0.038518* 0.112844 0.118000 0.054078 0.097694 #te:s-take-a->s-take-a

# 0.101899 0.085134 0.067495 0.054078 0.097852 #te:s-take-i->s-take-u

# 0.101899 0.085134 0.057908 0.05598 0.095959 #te:s-take-i->s-take-u

# 0.05055 0.077200 0.110306 0.053549* 0.090335 #te:s-take-e->s-take-e

# 0.20570 0.205670 0.264698 0.289547 0.063307* #te:s-take-e->s-take-o
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  18046 cmd*'vowelrecogy3 tris_things-kitess-kosiis-sanukiis-take:s-yama te:s-fuku k:9 N:1 spkr:1 m:M4 dir:..

18049 ### mean distance of M4 of s-fuku and tris-fuku are as follows.

18050 # 0.71041* 0.11131 0.146718 0.100 tris.0.150:150 DISP () > /dev/null'

18050 # 0.71041* 0.11131 0.140315 0.0897912 vi.25807 #te:s-fuku-a

18051 # 0.071041* 0.100529 0.103768 0.100625 0.169059 #te:s-fuku-i-s-s-anuki-a

18052 # 0.085732* 0.107863 0.108167 0.111423 0.097481 #te:s-fuku-i-s-s-anuki-a

18053 # 0.065238* 0.10666 0.089021 0.095065 0.089059 #te:s-fuku-o-s-s-yama-a

18053 # 0.017095 0.056001* 0.121667 0.061264 #te:s-fuku-o-s-s-sanuki-i

18053 # 0.117965 0.056001* 0.121667 0.061264 #te:s-fuku-o-s-s-sanuki-i

18055 ##te:s-fuku-aiueo-t150+300 are recognized as aaaai (rate=1/5).###

18057 cmd-vowelrecogy3 tris-fuku:s-kita:s-kosiis-s-anuki:s-take:s-yama te:s-kita k:9 N:1 spkr:1 m:M4 dir:.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 spkr:1 m:M4 dir
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            18071 ###teis-kosi-aluee-t150+300 are recognized as aluee (rate=5/5).###
18072 cond='voweleecogny tris-tkutis-ktais-kosis-seanukis-tekteis-yama teis-seanuki k:9 N:1 si., Onsei07 rsa-1:10.7:1:20 DiffMode: 07:100 tt:0.150:150 DiSp:0 > /dev/null'
18073 ### mean distance of M4 of s-sanuki and tris-fuku are as follows:
18074 # 0.052185 0.084117 0.109755 0.048363** 0.080954 #teis-sanuki-1->s-sanuki-1
18075 # 0.128602 0.134147 0.052393** 0.163346 0.173012 #teis-sanuki-1->s-sanuki-1
18077 # 0.111507 0.072801 0.129744 0.036549** 0.102502 #teis-sanuki-e->s-sanuki-e
18078 # 0.168832 0.18285 0.14707 0.159336 0.107199* #teis-sanuki-e->s-sanuki-e
0.071637* 0.073349 #te:s-kosi-i->s-kita-e 0.07347 0.068729 #te:s-kosi-u->s-tak-o 0.07318 0.066071 #te:s-kosi-a-b-fuku-i 0.060430 0.060340* #te:s-kosi-o->s-kita-o
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ###te:s-sanuki-aiueo-t150+300 are recognized as eiueo (rate=4/5).###
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ###te:s-take-aiueo-t150+300 are recognized as aeueo (rate=4/5).###
                                                                                                                                                                             0.066927 0.060430
                                                                     0.072556
                                                                                                                            0.055914*
                                                                                                                                                                                           0.062238
                                                                                                                            #NG## 0.062530
                                                                                                                                                                                           #NG## 0.062374
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /onsei07
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cmd='vowelrecogy3 tr:s-fuku:s-kita:s-kosi:s-sanuki:s-take:s-yama te:s-yama k:9 N:1 spkr:1 m:M4 dir:.
17 rsa:-1:0.7:1:20 DiffMode:0 T:100 tt:0:150:150:150 DISP:0 > /dev/null'
                                             ### mean distance of M4 of s-yama and tr:s-fuku are as follows.

# 0.057/05 ** 0.11610 0.11720 0.05531 0.059776 #te:s-yama-a->s-yama-a 0.04765 0.04785 0.047842* 0.117008 0.080603 0.082176 #te:s-yama-i->s-yama-i 0.10728 0.118046 0.078291* 0.10343 0.154319 #te:s-yama-u->s-yama-u->s-yama-u->s-yama-u->s-yama-u->s-yama-u->s-yama-u->s-yama-u->s-yama-u->s-yama-u->s-yama-u->s-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-yama-u-ya
                        /onsei07
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cmd='vowelrecogy3 tr:fuku:kita:kosi:take:yama te:sanuki k:27 N:6 m:poles4 dir:../onsei07 rsa:2:0.7:1
18163 ### mean distance of poles of 'alloe' of s-yama and tr:s-fulku are as [0.1]ows.

18164 # 0.071374* 0.072705  0.073258  0.072548  0.078650 #te:s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-a-s-yama-s-yama-s-yama-s-yama-s-yama-s-yama-s-yama-s-yama-s-yama-s-yama-s-yama-s-yama-s-yama-s-yama-s-yama-s-yama-s-yama-s-yama-s-yama-s-yama-s-yama-s-yama-s-yama-s-yama-s-yama-s-yama-s-yama-s-yama-s-yama-s-yama-s-
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18234 ## mean distance of poles of 'alueo' of sanuki and tritku are as follows.
18234 # 0.05332x 0.05537 0.05518 0.055095 0.055096 #te:sanuki-a-kkita-a-
18235 # 0.05764 0.049309* 0.05083 0.05092 0.05165 #te:sanuki-1--kosi-i
18235 # 0.05765 0.049309* 0.05083 0.054023 0.05012 #te:sanuki-u--yeari-u
18237 # 0.057655 0.057947 0.054875 0.051928 0.053305 #te:sanuki-u--yeari-u
18237 # 0.057655 0.057947 0.054875 0.051928 0.053305 #te:sanuki-a--tuku-a-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 \#f = ".../\$ \langle d | /s - \$ \{ \text{name} \} - N\$ \{ N \} t\$ \{ tf \} - \$ \{ tt \} p\$ \{ pf \} - \$ \{ pt \} - \$ \{ v \} \\  \#f = \$ \langle d \} \} b - N\$ \{ N \} \$ \{ ff \} - \$ \{ tt \} p\$ \{ pf \} - \$ \{ pt \} - \$ \{ name \} - \$ \{ v \} " \} \\  = \# \{ d \} / sb - \$ \{ name \} - \$ \{ v \} .  p="prediction(0.${pf} - \$ \{ pt \} . dat".
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      cd result-ensrs2ge;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  18183
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| 1825 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00

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rsa:2:0.7:1
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## mean distance of poles of 'alueo' of take and tr:yama are as follows.
## 0.047813 0.04659 0.0593 0.054885 0.054887 #te:take-a-yama-i
## 0.045873 0.04659 0.054885 0.054887 0.049902 #te:take-u-yama-i
## 0.045902 0.046639 0.045528* 0.047843 0.049905 #te:take-u-yama-u
## 0.045902 0.046639 0.04574 0.047643 0.049905 #te:take-c-yama-o
####te:take-aiueo-t0-100 are recognized as aiueo (rate=5/5); ###tood
### mean distance of poles of 'aiueo' of yama and tr:take are as follows.
## 0.055407 0.05689 0.055307 0.052427 0.051735* #te:yama-a->take-o
## 0.055407 0.05689 0.055807 0.052428 0.059087 #te:yama-a->take-o
## 0.055407 0.05688 0.055807 0.050489 #te:yama-a->take-o
## 0.055407 0.05688 0.056898 0.050588 0.050289 #te:yama-a->take-o
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             rsa:2:0.7:1:20
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18377 cmd='vowelrecogy3 tr:fuku:kita:kosi:sanuki:yama te:take k:27 N:6 m:poles4 dir:..; 20 Differode: 07:110 tr:01150:150:150 Disp:0 npe:0,75:11.11179 - /dev/mll' .

18378 ### mean distance of poles of 'sineo' of take and tr:Tuku are as follows.

18379 # 0.048605* 0.051606 0.049265 0.051973 0.052179 #te:take-a->fuku-a
18380 # 0.055104 0.050719* 0.055774 0.055772 0.057126 #te:take-a->fuku-a
18381 # 0.057089 0.057399 0.057379 0.055789 #te:take-a->kosi-a
18382 # 0.05789 0.053319 0.05730* 0.056568 0.05658 #te:take-a->kosi-a
18382 # 0.05770 0.05730 0.05730 0.050645* 0.050792 #te:take-a->kosi-a
18383 # 0.053710 0.054252 0.054074 0.052726 0.050314* #te:take-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->kita-o->
               0.051645 #te:sanuki-i->kosi-i
0.050712* #te:sanuki-u->fuku-o
0.053358 #te:sanuki-e->fuku-e
0.049796* #te:sanuki-o->kosi-o
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  N:6 m:poles4 dir:../onsei07
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ffMode:0
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npt:0.75:1.1:1:179 > /dev/null'

E:0:150:0:150 DISP:0

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dir:../onsei07 T
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18403 ### mean distance of poles of 'viuce' of take and tr:yama are as follows.
18403 ### mean distance of poles of 'viuce' of take and tr:yama are as follows.
18404 # 0.03265* 0.033575 0.033579 0.034679 ##e:take-a-yama-a
18405 # 0.034633 0.033575 0.034870 0.034870 #te:take-i-yama-a
18406 # 0.034633 0.033595 0.034115 0.033695 0.034202 ##e:take-a-yama-a
18407 # 0.03557 0.033595 0.032158* 0.032801 0.032282 ##e:take-a-yama-a
18408 # 0.035314 0.035394 0.034158 0.034813* 0.036620 #te:take-a-yama-a
18419 ###e:take-aiuco-t0+150 are recognized as acaue (rate=1/5).###
18412 vowelrecogy3 tr:fuku:kita:kcsi:sanuki:take:yama te:take k:27 N:6 m:poles4 dir:../on
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             18413
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18415 vowelrecogy3 tr:yama te:take k:27 N:6 m:poles4 dir:../onsei07 rsa:2:0.7:1:20
50:0:150 DISP:0 npt:0.75:1.1:1:179 > /dev/null
## mean distance of poles of 'aiueo' of take and tr:yama are as follows.
0.053170 0.05334 0.052775* 0.057793 0.055934 ##e:take=a-yama-u
0.064703 0.049911* 0.053749 0.061194 0.060866 ##e:take=iake=i-yama-u
0.059173 0.05219* 0.051990* 0.060809 0.057451 ##e:take-i-yama-u
0.06023 0.05349 0.05281* 0.055700 0.057791 ##e:take-u-yama-u
0.057974 0.055049 0.053476 0.055042 0.050104* ##e:take-a-yama-u
##e:take-aiueo-u0-150 are recognized as uiuuo (rate=3/5).####
                                                                                                                                                                                                    ###te:take-aiueo-t0+150 are
                                                                                              # 0.060263
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#bidir#### mean distance of poles of 'aiueo' of take and tr:yama are as follows

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184 T:100 T:100 DiffMode:0 T:100 T:100 DiffMode:0 T:100 DiffMode:0 T:100 DiffMode:0 DiffMode: 0 0.047228* #te:take-a->yama-o 0.05431 #te:take-i->yama-u 0.04938 #te:take-u->yama-u 0.046591 #te:take-e->yama-u 0.046539* #te:take-o->yama-u 18522 cmd='vowelrecogy3 tr:yama te:take k:9 N:1 m:M4 dir:../onsei07 rsa:-1:0.7:1:20
100:0:100 DISP:0 > /dev/null'
18523 ### mean distance of M4 of take and tr:yama are as follows.
18524 # 0.550054 1.17688 0.761033 0.857761 0.55806 #te:take-a-yama-a
18525 # 10.28263 0.348364* 0.680035 0.431190 1.195588 #te:take-a-yama-a
18525 # 0.612158 0.851151 0.299522* 0.416846 0.712987 #te:take-u-yama-a
18527 # 0.81790 0.41513 0.570146 0.334834* 1.016755 #te:take-u-yama-a
18528 # 0.318917 1.119178 0.549299 0.671084 0.303304* #te:take-o--yama-o
18528 # 0.318917 1.119178 0.549299 0.671084 0.303304* #te:take-o--yama-o 0.666876 #te:take-a->yama-a 1.235806 #te:take-i->yama-i 0.744878 #te:take-u->yama-u recognized as ouuuo (rate=2/5).### dir:../onsei07 are as follows. 5 0.052383 0.052494 0 9 0.048502* 0.051962 0 11 0.045580* 0.047974 0 8 0.04506* 0.047918 0 cmd='vowelrecogv3 tr:yama te:take k:9 N:1 m:M4 50 DISP:0 > /dev/null',
mean distance of M4 of take and tr:yama ar
0.596052* 1.174193 0.751944 0.846386
0.596052* 0.345472* 0.700654 0.438245
0.597315 0.846020 0.283411* 0.392350 #bidir###te:take-aiueo-t0+100 are 0.056975 0.048879 0.047671 0.051238 #bidir## 0.048537 #bidir## 0.057333 #bidir## 0.054653 #bidir## 0.053069 #bidir## 0.052418 .50:0:150

eadmecan2mspeech.txt Jun 19 2021 08:15:37

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0.297219* 1.025901 #te:take-e->yama-e 0.692034 0.298501* #te:take-o->yama-o
                                                                         ###te:take-aiueo-t0+150 are recognized as aiueo (rate=5/5).###
0.562029
0.439828
# 0.864329
# 0.302022
```

DiffMode:0 T:100

necessary for

T:100 tp:0-1

DiffMode:0 T:100 t DiffMode: 0

18604 ###bi-directional
18605 cmd-d-vowelrecogy3 tr:yama te:take k:27 N:6 m:poles4 dir:../onsei07 rsa:2:0.7:1:20 |
19:0-150:0-150 DISE:0 npt:0.7:1.1:0:180 > /dev/null'
18606 ### mean distance of poles of 'aiueo' of take and tr:yama are as follows.
18607 # 0.057887* 0.064662 0.061016 0.065455 0.059961 #te:take-a->yama-a

DiffMode:0 T:100 t

18683

```
18684 ##############################
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             50p50-350-yama-aiueo
                                                                                                                                                                                                      18678 cmd="./tspredv3 $d/${name}-${v} targer ${pf} + ${pf} + ${pl}.

18678 cmd="./tspredv3 $d/${name}-${v} targer ${pf} + ${pf} targer 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    18631 #füku kita kosi sanuki take yama
18632 #for name in take yama; do for v in a i u e o; do
18632 #for name in take yama; do for v in a i u e o; do
18634 for name in take, do for v in a ; do
18635 rm -rf result-enars2ge/tmp;
18636 d-: /onselor) # the directory storing the onsei-data files
18637 rsa=rsa=-1:0; 7:1:20 k=9 k=1 mp=mp:1:1:1 DM=DiffEndes of B=16sei:1 g=g:5e-3 w=w:0.2 T=100;
18639 f=50;tl=1000;tt='expr %{tf} + %{tl}':pf=%tf:pl=%tf:pl=%tf:pl=%tf:pf= expr %{pf} + %{pl}':
18639 f=50;tl=1000;tt='expr %{tf} + %{tl}':gfpf-%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pf= expr %{pf} + %{pl}':
18639 f=50;tl=1000;tt='expr %{tf} + %{tl}':gfpf-%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf);
18639 f=50;tl=1000;tt='expr %{tf} + %{tl}':gfpf-%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%tf:pl=%t
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tf=0;tl=200;tt='expr \$\{tf\}+\$\{tl\}'ipf=\$ttipl=30;pt='expr \$\{pf\}+\$\{pl\}' # tl=150 is necessary for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    \#tf = 50, t1 = 200, tt =
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0.060021* 0.062403 0.060559 #te:take-u->yama-u
0.0560022* 0.058234 0.058165 #te:take-e->yama-u
0.051027 0.061970 0.059177* #te:take-e->yama-u
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               xterm -geometry 50x5-0+0 -e gnuplot -geometry 300x210 disp.plt& ##for display error to here cd ...echo "### Done for \S\{f\}.dat ###"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   for name in s-N1t50-1050p50-1050-take; do for v in a; do rm -rf result-ensrs2ge/tmp; d="..." onesi0"."
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0.057517*
0.061186
0.058897
0.064648
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          # 0.064593
# 0.062281
# 0.059957
# 0.062482
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18664 #t:
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readmecan2mspeech.txt Jun 19 2021 08:15:37

18684	###########################	#########	#######################################	###		
18685	### recogniit	on test				
18687 ISP:2'	Result of 'vo	'vowelrecog te	:yama tr:ta	ke k:9 N:33	-33 m:poles	4 dir:/onsei07 T:100 tt:0:100:0:100:100 D
18688	### mean dist	cance of pol	es of 'aiue		and take ar	e as follo
18689	# 0.134780*	0.154160	0.151998		0.136471	#te:yama-a->tr:take-aiueo
18691	# 0.161908 # 0.161908	0.159065	0.139856*	0.152872	0.148023	#te:yama-1 #te:yama-u
18692	# 0.176139	0.172353	0.140659		0.140490*	#te:yama-e->tr:take-aiueo
18693	# 0.114943 0.140118 ###te:vama-aimeo-t0+100 #	0.140118	0.106692	0.112553 zed as tr:	0.095262* take-aimoo-t	#te:yama-o->tr:take-aiueo 0+100 (4/5) via m:poles4N33-33 ##
18695	Result of 'vc	'vowelrecog te	take tr:yama	ma k:9 N:3	-33 m:poles	4 dir:/onsei07
ISP:2'	#	distance of nol	centre, for se	o, of take	and vama ar	e as follows
18697	0.1164	0.132415	0.126	0.119123	0.147516	#te:take-a->tr:yama-aiueo
18698	# 0.166214	0.133440*	0.136465	0.136736	0.158582	#te:take-i->tr:yama-aiueo
18700	ں ر	0.130018	0.127516	0.124365*	0.143236	#ce.cake-u->cr.yama-alueo #te:take-e->tr:vama-alueo
18701	0	0.147140	0.141		0.131923	
18702	###te:take-ai	lueo-t0+100	are recogni	zed as tr:y	ama-aieee-t	.0+100 (3/5) via m:poles4N33-33.###
	4	at popar amou,	0:4 edet: vt emey:	- N:0 N:1-	-1 m:M4 dir:	,c:dsId 001:001:00:001:00 1:00 2:00/
	n d		(Associativ	4 (Associative Matrices) of 'aiueo' or	ices) of 'aiueo' o	E yama and take are as follows.
	# 0.550908	1.028258	0.612155	0.878704	0.318913*	#te:yama-a->tr:take-aiueo
	# 1.176888	0.348368*	0.851151	0.415153	1.119178	#te:yama-i->tr:take-aiueo
	# 0.761902 # 0.051350	0.680035	0.299522	0.5/UI46	0.549299	#te:yama-u->tr:take-alueo
	# 0.595816	1 193588	0.712987	1.016756	0.303304*	#te:ya!!!d=e=/ti.take=alue0 #te:yama=0=>tr:take=aine0
	###te:vama-ai	:vama-aiueo-t0+100	are recogni	zed as trit	ake-oineo-t	100 (4/5) via m:M4N1
	Result of 'vc	g	:take tr:va	ma k:9 N:1-	1 m:M4 dir:	onsei07 T:100 tt:0:
	n d	Σ,	(Associativ	e Matrices)	of 'aiueo'	f take and yama are as follows.
	# 0.550908*	888	0.761902	0.857762	0.595816	e:take-a->tr:yama-ai
	# 1.028258	368	0.680035	0.431191	1.193588	#te:take-i->tr:yama-aiueo
	# 0.612155	151	0.299522*	0.416846	0.712987	#te:take-u->tr:yama-aiueo
	# 0.878704 0.415	153	0.570146	0.324893*	1.016756	#te:take-e->tr:yama-aiueo
	# 0.310913 ###te:take-ai	+10	are recogni	zed as tr:y	.yama-aiueo-t	#ter.care-0-/ti/yama-aineo .0+100 (5/5) via m:M4N1-1.###
18720				0		
18/21	100 ++:0:100:	owelrecog te	:S-N1550-35	ирьи-зьи-таке	Ke cr:s-Nic	.50-350p50-350-yama K:9 N:1-1 m:M4 alr:/on
18722	### mean distance of M		(Associativ	e Matrices)	of 'aiueo'	of s-N1t50-350p50-350-take and s-N1t50-350
p50-350-	p50-350-yama are as f	as follows.	0	1		
18723	# 0.094494*	0.138795	0.138127	0.175290	0.155482	#te:s-N1t50-350p50-350-take-a->tr:s-N1t50-3
18724 #	# 0.154973	0.125215	0.115800*	0.157969	0.141700	#te:s-N1t50-350p50-350-take-i->tr:s-N1t50-3
50p50-35	0-yama-aiueo					
18725 #	# 0.095586	0.094319	0.126152	0.091355	0.086106*	#te:s-N1t50-350p50-350-take-u->tr:s-N1t50-3
50p50-35	0-yama-alueo	0.093826	0.098109	0.137389	*836880.0	#te:s-N1+50-350p50-350-take-e->tr:s-N1+50-3
50p50-35	0-yama-aiueo					4
18727 #	# 0.250826	0.254485	0.277581	0.234106*	0.269096	#te:s-N1t50-350p50-350-take-o->tr:s-N1t50-3
50p50-35	0-yama-aiueo					
18728	8 ###te:s-N1t50-35)-350p50-350	-take-aiueo	-t0+100 are	recognized	as tr:s-N1t50-350p50-350-yama-auooe-t0+100
18729	TREMINAMENT-I.E	### Welvecog +e	: s=N1+50-350n50-350	0.050-350-73	+V:a-M1+	50-350m50-350-take k:9 N:1-1 m:M4 dir: /cm
sei07 T:	100 tt:0:100:	:0:100:100 D	DISP:2'	8 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 -		יייייי בייייי בייייי ביייי מידי מידי
18730	### mean dist	mean distance of M4	(Associativ	e Matrices)	of 'aiueo'	of s-N1t50-350p50-350-yama and s-N1t50-350
p50-350-	p50-350-take are as follows.	follows.	000	0	0000	000000000000000000000000000000000000000
50p50-35	10-take-ainec	0.1549/5	0.090	FOSOT.	4	-350P50-350-Yalila-a->Cr :8-N1C50-
18732	# 0.138795	0.125215	0.094319	0.093826*	0.254485	#te:s-N1t50-350p50-350-yama-i->tr:s-N1t50-3
50p50-35	00-take-aiueo	,				
18733	# 0.138127	0.115800	0.126152	0.098109*	0.277581	#te:s-N1t50-350p50-350-yama-u->tr:s-N1t50-3
18734	# 0.175290	0.157969	0.091355*	0.137389	0.234106	#te:s-N1t50-350p50-350-vama-e->tr:s-N1t50-3
50p50-35	00-take-aiueo					
18735	# 0.155482	0.141700	0.086106*	0.088958	0.269096	#te:s-N1t50-350p50-350-yama-o->tr:s-N1t50-3
18736	%0-care-aide0 ###te:s-N1t50-350p50-350)-350p50-350	-yama-aiueo-t0+100	-t0+100 are	recognized	as tr:s-N1t50-350p50-350-take-aeeuu-t0+100
(1/5) via	m:M4N1-	###	111111111111111111111111111111111111111	0	4 177	0.0000000000000000000000000000000000000
:/onse	Sult of	0000	:S-NICS	٠, ۱	9	00-350-yama K:9 N:33-33 M:poles4
18738	### mean dis	tance of pol	es of 'aiue	o, of s-Nit	50-350p50-350-take	.50-take and s-N1t50-350p50-350-yama are as
18739	# 0.148333	0.151575	0.134433*	0.151656	0.142001	#te:s-N1t50-350p50-350-take-a->tr:s-N1t50-3
50p50-350-	0-yama-aiueo	0 145564	0 137279	0 154281	128375	#+0:0-M1+50-250~50-250-toke-i->+**:0-M1+50-2
50p50-35	yama-	1		2	1	
18741 #	# 0.124345	0.137476	0.127496	0.139592	0.118188*	#te:s-N1t50-350p50-350-take-u->tr:s-N1t50-3
50p50-35	0-yama-aineo					

0.149884

0.132550

0.124702*

0.124858

0.127172 #te:s-N1t50-350p50-350-take-e->tr:s-N1t50-3

Jun 19 2021 08:15:37

readmecan2mspeech.txt

```
############
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ##tuning
                                                                                                                                                                         18810 #MSE=4.

18811 #MSE=5.

18812 #MSE=2.

18813 #MSE=2.

18814 #MSE=2.

18814 #MSE=2.

18815 #MSE=2.

18819 ## tuning

18820 #MSE=3.

18824 #MSE=3.

18824 #MSE=3.

18824 #MSE=3.

18825 #MSE=3.

18825 #MSE=3.

18826 #MSE=3.

18827 #MSE=3.

18837 #Cr nam

18837 #Cr nam

18838 #ff for nam

18839 #ff for nam

18831 #ff for nam

18839 #ff for nam

18831 #ff for nam

18831 #ff for nam

18834 #ff for nam

18834 #ff for nam

18834 #ff for nam

18837 #ff fo
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18875
18876
18877
18879
18880
18881
                                                                                                         50p50-350-yama-aiueo
18744 ##te:s-N1L50-350p50-350-take-aiueo-t0+100 are recognized as tr:s-N1L50-350p50-350-yama-uaoia-t0+100
(0/5) via m:poles4N33-33.###
18745 Result of 'vowelrecog te:s-N1L50-350p50-350-yama tr:s-N1L50-350p50-350-take k:9 N:33-33 m:poles4 dir
:../onsei07 T:100 tt:0:100:0:100:100 DISP:2'
18746 ### mean distance of poles of 'alueo' of s-N1L50-350p50-350-yama and s-N1L50-350p50-350-take are as
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ### mean distance of poles of 'aiueo' of yama and take are as follows.

# 0.186547* 0.394634 0.273702 0.311134 0.186710 #te:yama-a->tr:take-aiueo
# 0.387569 0.141527* 0.195423 0.208922 0.209149 #te:yama-a->tr:take-aiueo
# 0.336071 0.294139 0.172568* 0.289902 0.261783 #te:yama-a->tr:take-aiueo
# 0.336071 0.233766 0.159652* 0.175180 0.261783 #te:yama-a->tr:take-aiueo
# 0.34439 0.129433 0.559587 0.20907 0.126183 #te:yama-a->tr:take-aiueo
# 0.24439 0.124439 0.159654* 0.175180 0.261783 #te:yama-a->tr:take-aiueo
# 0.24439 0.24439 0.194648411-1###
Result of 'vowelrecog te:take tr:yama k:9 N:1-1 m:poles4 dir:../onsei07 T:100 tt:0:100:0:100:100 DIS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                or pl=30 of take-e capr ${tf} + ${tl}`'pf=$tt;pl=30;pt='expr ${pf} + ${pl}` # tl=150 is necessary f 18794 #tf=50*tl=100;tt='expr ${tf} + ${tl}''pf=$tt;pl=80;pt='expr ${pf} + ${pl}` # tl=150 is necessary f 18795 rsa=rsa:2:0.7:1:20 k=27 N=N:6-6:1 mp=mp:1:11.1 DM=DiffMode:0 H=Hosei:1 g=g:5e-3 w=w:0.2 T=100 idate 18796 cada". tspready $df$finame}-${v}.cat ${tf}-${tt}.${pf}-${pt} ${mp} ${ph} ${ph} ${m} $=1:11 lb:0:0:0:0 18797 $cmd > dev/null idate
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     or plago of take-
lago xearsas:0.71:20 k-45 N=N:6-6:1 mp=mp:1:1.11 DN=DiffMode:0 H=Hose:1 g=g:5e-3 w=w:0.2 T=100 :date-
18783 cmd=".tpspredv3 $d/$fname}-${V}.dat ${ET}-${ET}-${ET}-${ET}-${ET}-${ET}$

Isomorphic xearsas:0.0.7:1:20 k-45 N=N:6-6:1 mp=mp:1:1.11 DN=DiffMode:0 H=Hose:1 g=g:5e-3 w=w:0.2 T=100 :date-
18783 cmd=".tpspredv3 $d/$fname}-${V}.dat ${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-${ET}-$
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           50p50-350-take-aiueo
18751 # 0.122024* 0.130610 0.137063 0.142155 0.143338 #te:s-N1t50-350p50-350-yama-o->tr:s-N1t50-3
50p50-350-take-aiueo
18752 ###te:s-N1t50-350p50-350-yama-aiueo-t0+100 are recognized as tr:s-N1t50-350p50-350-take-aeiaa-t0+100
(1/5) via m:poles4N33-33.###
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            necessary for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          #te:s-N1t50-350p50-350-yama-i->tr:s-N1t50-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           #te:s-N1t50-350p50-350-yama-u->tr:s-N1t50-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          #te:s-N1t50-350p50-350-yama-e->tr:s-N1t50-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            T:100 tt:0:100:0:100:100 DIS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0.155438 #te:s-N1t50-350p50-350-yama-a->tr:s-N1t50-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          t=0,tl=160;tt=.expr \{tt\} + \{t1\}, pt=stt,pl=30;pt=.expr \{pt\} + \{pl\} , # tl=150 is necessary for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         #k=27 N=N:6-6:1
#k=54 N=N:3-3:1
#k=54 N=N:6-6:1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        d="../onsei07"
tf=0:tl=150:tl=150:tt='expr ${tf} + ${t1}'.pf=$tt:pl=30:pt='expr ${pf} + ${pl}' # tl=150 is
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  # tl=150
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    take-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        eo' of take and yama are as follows.
0.349721 0.22727 #testakea--br:yama-aiueo
0.362084 0.287283* #testakea--br:yama-aiueo
0.159652* 0.347727 #testakea--br:yama-aiueo
0.175180* 0.25933$ #testake--br:yama-aiueo
0.284940 0.175181* #testake--br:yama-aiueo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0-160:160-190k45N6mp1:1:1.000000H1-y
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         #MSE=1.998059e+04(NMSE9.558350e-02)(n30) 0-150:150-180x27N6mp1:1:1.000000H1-y
#MSE=4.70536e+04(NMSE2.090794e-01)(n30) 0-150:1050-1080487nmp1:1:1.000000H1-y
#MSE=4.942118e+04(NMSE2.0907978-01)(n30) 0-150:1050-10805480mp1:1:1.000000H1-y
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               #MSE=1.254976e+05(NMSE4.757149e-01)(n90) 0-150:150-240k27N6mp1:1:1.000000H1-y
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           tf=50;tl=150;tt=20;tt=20;tt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=30;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=300;pt=3000;pt=3000;pt=3000;pt=3000;pt=3000;pt=3000;pt=3000;pt=3000;pt=3000;pt=3000;pt=3000;pt=3000;pt=3000;pt=3000;pt=3000;pt=3000;pt=3000;pt=3000;pt=3000;pt=3000;pt=3000;pt=3000;pt=3000;pt=3000;pt=3000;pt=3000;pt=3000;pt=3000;pt=3000;pt=3000;pt=3000;pt=3000;pt=3000;pt=3000;pt=3000;pt=3000;pt=3000;pt=3000;pt=3000;pt=3000;pt=3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       18755 Result of 'vowelrecog te;yama tr:take k:9 N:1-1 m:poles4 dir:../onsei07 7 1875 ### mean distance of poles of 'aiueo' of yama and take are as follows.
18754 # 0.168547* 0.394634 0.273702 0.311134 0.186710 #te;yama-a->tr:t 18758 # 0.3675610 0.294139 0.172568 0.248902 0.20149 #te;yama-a->tr:t 18750 # 0.375610 0.294139 0.172568 0.248902 0.20149 #te;yama-a->tr:t 18761 # 0.375610 0.294139 0.172568 0.248902 0.26783 #te;yama-a->tr:t 18761 # 0.343492 0.241423 0.208507 0.200907 0.175183 #te;yama-a->tr:t 18762 ##te;yama-aiteo--O-th-100 are recognized as tr:take-aituo--O-th00 (4/5) via 18762 ##te;yama-aiteo-C-th-100 are recognized as tr:take-aituo--O-th-100 (4/5) via 18762 ##te;yama-aiteo--O-th-100 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0.143231
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0.169878
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0.128297*
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0.144877
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0.150732
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                                                               0.156381
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echo "### Done for $cmd ###"
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# 0.387992 0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   50p50-350-take-aiueo
18748 # 0.137175
50p50-350-take-aiueo
18749 # 0.154898
50p50-350-yama-aiueo
18743 # 0.149671*
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            50p50-350-take-aiueo
18750 # 0.130095*
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         # 0.138187*
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#ff=50;tl=100;tt=`expr \${tf} + \${tl}`;pf=\$tt;pl=80;pt=`expr \${pf} + \${pl}`, tf=50;tl=150;tt=`expr \${tf} + \${tl}`;pf=\$tt;pl=80;pt=`expr \${pf} + \${pl}` rsa=rsa:-1:0.7:1:20 k=10 N=N:33-33:1 mp=mp:1:1:1 DM=DlffMode:0 H=Hosei:1 g=g:5e-3 w=w:0.2 T=100 ; to #MSE=6.829932e+03(NWSEI.910611e-01)(nWSE80) 50-150:150-230k10N33mp1:1:1.000000H1-y take-e #MSE=5.32030e+04(NWSEI.097752e+00)(1MSE80) 50-150:150-230k9N33mp1:1:1.000000H1-y take-e #MSE=3.645950e+04(NWSEI.019921e+00)(NWSE80) 50-150:150-230k1N33mp1:1:1.000000H1-y take-e #MSE=3.645950e+04(NWSEI.019921e+00)(NWSE80) 50-150:150-230k1N33mp1:1:1.000000H1-y take-e #MSE=6.487764e+05(NMSE1.281145e+00)(nMSE80) 50-150-130k10N33mp1:1:1.000000H1-y take-a #MSE=6.487764e+05(NMSE2.734208e-01)(nMSE80) 50-150:150-230k10N3mp1:1:1.000000H1-y take-1 #MSE=7.533737e+05(NMSE1.81287e+00)(nMSE80) 50-150:150-230k10N3mp1:1:1.000000H1-y take-1 #MSE=7.533737e+05(NMSE1.81287e+00)(nMSE80) 50-150:150-230k10N33mp1:1:1.000000H1-y take-0 #MSE=5.829932e+03(NMSE1.910611e-01)(nMSE80) 50-150:150-230k10N33mp1:1:1.000000H1-y take-0 #MSE=2.493068e+05(NMSE1.910611e-01)(nMSE80) 50-150:150-230k10N33mp1:1:1.000000H1-y take-0 take-a take-a take-a take-a take-a take-a #MSE=3.049512e+06(NNSE6.021903e-01)(IMSE80) 50-150:150-230k27N6mp1:1:1.000000H1-y *MSES=3.47732e+05(NNSE6.778F777e-01)(IMSE80) 50-150:150-230k27N7mp1:1:1.000000H1-y #MSE=4.766506+05(NNSE9.412666-01)(IMSE80) 50-150:150-230k27N8mp1:1:1.00000H1-y #MSE=3.809645e+05(NNSE7.522944e-01)(IMSE80) 50-150:150-230k27N8mp1:1:1.000000H1-y #MSE=3.53924e+05(NNSE6.99033a-01)(IMSE80) 50-150:150-230k28N8mp1:1:1.000000H1-y #MSE=3.53924+05(NNSE6.990323a-01)(IMSE80) 50-150:150-230k28N8mp1:1:1.000000H1-y #MSE=3.605057e+05(NNSE7.118942e-01)(IMSE80) 50-150:150-230k28N8mp1:1:1.1.000000H1-y #MSE=3.049512e+05(NMSE6.021903e-01)(nMSE80) 50-150:150-230k27N6mp1:1:1.000000H1-y #MSE=4.1796475e+04(NMSE7.060289e-01)(nMSE80) 50-150:150-230k27N6mp1:1:1.000000H1-y #MSE=4.217961e+04(NMSE1.025295e-01)(nMSE80) 50-150:150-230k27N6mp1:1:1.00000H1-y #MSE=3.22528e+04(NMSE9.023119e-01)(nMSE80) 50-150:150-230k27N6mp1:1:1.00000H1-y #MSE=6.002331e+04(NMSE3.823286e-01)(nMSE80) 50-150:150-230k27N6mp1:1:1.000000H1-y #MSE=6.008982e+06(NNSE5.646903e-01)(nMSE80) 50-150:150-230k27N6mp1:1:1.000000H1-y #MSE=1.332606e+05(NNSE2.641908e-01)(nMSE80) 50-150:150-230k27N6mp1:1:1.000000H1-y #MSE=2.123203e+05(NNSE3.681047e-01)(nMSE80) 50-150:150-230k27N6mp1:1:1.000000H1-y #MSE=2.123203e+05(NNSE3.681047e-01)(nMSE80) 50-150:150-230k27N6mp1:1:1.000000H1-y #MSE=2.123034e+05(NNSE3.681047e-01)(nMSE80) 50-150:150-230k27N6mp1:1:1.000000H1-y #MSE=6.890470e+04(NMSE1.360668e-01)(nMSE80) 50-150:150-230k9N33mp1:1:1.000000H1-y #MSE=8.634991e+03(NMSE5.345070e-01)(nMSE80) 50-150:150-230k9N33mp1:1:1.000000H1-y #MSE=6.278255e+03(NMSE1.526107e-02)(nMSE80) 50-150:150-230k9N33mp1:1:1.000000H1-y #MSE=9.322030e+04(NMSE2.607722e+00)(nMSE80) 50-150:150-230k9N33mp1:1:1.000000H1-y #MSE=9.322030e+04(NMSE2.607723ae-01)(nMSE80) 50-150:150-230k9N33mp1:1:1.000000H1-y #MSE=1.012158e+05(NMSE1.998719e-01)(nMSE80) 50-150:150-230k9N34mpl:1:1.000000H1-y #MSE=8.118278e+04(NMSE1.63124e-01)(nMSE80) 50-150:150-230k9N32mpl:1:1.000000H1-y ф #for name in take ' do for v in a' do
#for name in take ' do for v in a i u e o ' do
#for name in yama ' do for v in a i u e o ' do
for name in take ' do for v in e ' do
for name in take ' do for v in e ' do
for name in take ' do for v in e ' do
for ...oneelo". d=...onsei07
#for name in take ; do for v in a i u e o; do
for name in take yama; do for v in a i u e o; #########

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=cho "### Done for ${f} ###"
done ; done
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19022 (1) y:00
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19029 for name
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# 0.14813 0.136147 0.135274 0.137220 0.128997* #tr:yama-e
##te:take-aiueo--1100+100 are recognie-ad as tr:yama-uuei--1100+100 (1/5) via m:poles4N32-32.#
vowelrecog te:yama tr:take k:9 N:32-32 m:poles4 dir:${d} T:100 tt:0:100:100:100:100 DISP:2 >/dev/nu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 # 0.116909* 0.121043 0.130291 0.143333 0.13839 #tr:take-a
# 1.14649 0.104968* 0.132048 0.148425 0.13254 #tr:take-i
# 0.137152 0.165375 0.117118* 0.143906 0.137044* #tr:take-i
# 0.126502 0.117302 0.133926 0.124559* 0.137568 #tr:take-e
# 0.14499 0.136771 0.133920 0.141247 0.140629 #tr:take-o
vowelzecog te:take tr:yama k:9 N:32-23 m:poles4 dir:${4} 7:100 tt:100:100:100:100 DISP:2 >/dev
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ##te:yama-aiueo-t100+100 are recognized as tr:take-auuco-t0+100 (3/5) via m:poles4N32-32.#
vowelrecog te:take tr:yama k:9 N:32-32 m:poles4 dir:${d} T:100 tt:0:100:100:100:100 DISP:2 >/dev/nu
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# 0.647710 0.495582 0.417279 0.045915* 1.111494 #tr:yama-e
# 0.59230 1.478404 0.95530 1.114737 0.072195* #tr:yama-o
##te:yama-aiueo-t200+100 are recognized as tr:yama-aiueo-t100+100 (5/5) via m:M4N1-1.#
                                                                                  cat \hat{s}(p) lawk (print $1.$3) > \hat{s}(f).dat cat > disp.plt <achdering the state of the sta
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# 0.14629 0.122752 0.13698 0.139767 0.137517 #tr:yama-1
# 0.146291 0.110913* 0.117713 0.130374 0.129852 #tr:yama-a
# 0.12556* 0.12013 0.113499* 0.120596* 0.116994* #tr:yama-e
# 0.148701 0.146551 0.133649* 0.124911 0.13370 #tr:yama-e
#te:take-alue-0.100+100 are recognized as tr:yama-eue-eu-0-100(0/1/5) v
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 #te:take-u #te:take-e #te:take-o
0.176004 0.172104 0.168093 #tr:yama-i
0.136942 0.131971* 0.146230 #tr:yama-i
0.116308 0.15630 0.136856 #tr:yama-u
0.114288* 0.134080 0.137803 #tr:yama-o
0.135274 0.137220 0.1289997* #tr:yama-o
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0.171100 0.142552 #tr:take-e
0.154351* 0.133097* #tr:take-o
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0.163551 #tr:take-i
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                                                                                                                                                                                                                                                                                                                                                   xterm -geometry 50x5-0+0 -e gnuplot -geometry 300x210 disp.plt& cd ...echo "## Done for \$\{f\} ###"
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* 0.159062 0.162957 0.188699 0.143003 #t
0.137472 0.148996 0.185365 0.163551 #t
0.129713* 0.125451* 0.154459 0.140135 #t
                              f="...\${p\}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}-${pt}
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# 0.131173 0.168734 0.15125
# 0.146672 0.122752 0.158898
# 0.146291 0.110913* 0.117313
# 0.127556 0.120103 0.113349*
# 0.148701 0.146551 0.133564
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# 0.151727 0.191129 0
# 0.154508 0.130615 0
# 0.143086* 0.114126* 0
# 0.15021 0.128305 0
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Jun 19 2021 08:15:37 readmecan2mspeech.txt

eguti-o

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#MSE=7.474199e+02(NMSE8.350972e-01)(t:2000-2080) 0-2000:2000-2080k9N10mp1:1:1.000000H1-y real7m9.260
#MXSE=3.090551e+01(NMXSE1.945852e-02)(t:2000-2080) | #MXSE=3.09051d=01/70e-01(NMXSE5.64031c+12.2000-2080) | #MXSE=8.172031e+01(NMXSE5.64035e-03)(t:2000-2080) | #MXSE=9.047537e+01(NMXSE3.499233e-02)(t:2000-2080) | #MXSE=4.047537e+01(NMXSE3.499233e-02)(t:2000-2080) | #MXSE=4.278088e+01(NMXSE3.962983e-02)(t:2000-2080) | (2-1-3) with k=9 fr0=1200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       for name in eguti sawa; do
for v in a i u e o; do
rm -rf result-ensrs2ge/tmp;
                                                                                                                                                                                                                                                                                                                                                             for name in eguti sawa ; do
for v in a i u e o ; do
rm -rf result-ensrs2ge/tmp;
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19167 time ./tspredv3
:0 ${rsa} k:${k} y:0:25
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rsa=rsa:-1:0.7:1:20 k=27 N=N:39-39:1 mp=mp:1:1:1 DM=DiffMode:0 H=Hosei:1 g=g:5e-3 w=w:0.2 T=100 ; to
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       DM=DiffMode:0 H=Hosei:1 g=g:5e-3 w=w:0.2 T=100 ; to=
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#MXE=7.599102e+02(MXXER.490528e-01)(t:2000-2080) 0-2000:2000-2080K9N33mp1:1:1.000000H1-y
#MXE=6.68584e+01(MXXE2.451567e-02)(t:2000-2080) 0-2000:2000-2080K9N33mp1:1:1.000000H1-y
#MXE=1.004734e+02(MXXE2.969160e-02)(t:2000-2080) 0-2000:2000-2080K9N33mp1:1:1.000000H1-y
#MXE=1.192962e+02(MXXE2.969160e-02)(t:2000-2080) 0-2000:2000-2080K9N33mp1:1:1.000000H1-y
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#MNSE=5.479808e-03(NMSE3.213319e-01)(nMSE80) 0-1500:1500-1580k27N27mp1:1:1.000000H1-y
#MNSE=1.63470e+03(NMSE8.794407-03)(nMSE80) 0-1500:1500-1580k27N27mp1:1:1.000000H1-y
#MNSE=1.06370e+03(NMSE6.986406e-02)(nMSE80) 0-1500:1500-1580k27N27mp1:1:1.000000H1-y
#MNSE=1.002330e+04(NMSE6.986406e-02)(nMSE80) 0-1500:1500-1580k27N27mp1:1:1.000000H1-y
#MNSE=1.002330e+04(NMSE6.986406e-02)(nMSE80) 0-1500:1500-1580k27N27mp1:1:1.000000H1-y
     \begin{array}{l} 0-200:200-280k27N27mp1:11.000000H1-y\\ -200:200-280k27N27mp1:1:1.000000H1-y\\ 0-200:200-280k27N27mp1:1:1.00000H1-y\\ 0-200:200-280k27N27mp1:1:1.1.00000H1-y\\ \end{array}
                                                                                                                                                                                                                                                      \begin{array}{l} 0-200:200-28\,0 \& 27N27 mp1:1:1.000000 H1-y\\ 0-200:200-28\,0 \& 27N27 mp1:1:1.000000 H1-y \end{array}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       50 time ./tspredv3 ../onsei07/${name}-${v}.dat 0-${fr}.i${fr}-${tr} ${mp} ${mw} ${H}
${rsa} k:${k} y:0:0:0:1 ${g} ${w} T:${T} v:0.5 vr:10 >/dev/null
51 echo "### Done for ${name}-${v} ###"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ${DM}
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結果として、Diffance:0のパギング (下の (2-2-1)参照 )が同じ学習バラメ
を受しているのである。 (上の (2-2-1)を照りが同じ学習バラメ
タで最良のMSDを出した(時間がかかり過ぎ?)、Diffance:0のSingleCANZ
(下の(2-1-1),(2-1-2))は遠く、MSDもまあまあ良い。
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             time ./tspredv3 ../data/\xi{name}-\xi{v} .dat 0-\xi{fx}:\xi{fx}-\xi{to} \xi{mp} k:\xi{k} y:0:255:0:1 \xi{g} \xi{m} T:\xi{T} vt:0.5 vr:10 >/dev/null:date echo "### Done for \xi{name}-\xi{v} ###
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 19103 | time ./tspredv3 ../data/${name}-${v}.dat 0-${fr}:${fr}-${to} ${mp} 0 ${rsa} k:${k} y:0:255:0:1 ${g} ${w} T:${T} vt:0.5 vr:10 >/dev/null/date 19104 | echo "## Done for ${mame}-${v} ###"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  can2の時系列処理の入力の指定に

<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfrom>-<trainfro
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       rsa=rsa:2:0.7:1:20 k=27 N=N:27-27:1 mp=mp:1:1:1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    fr=2000 t1=80; frt1='expr ${fr} + ${t1}`
rsa=rsa:-1:0.7:1:20 k=9 N=N:33-33:1 mp=mp:1:1:1
                                                         #MSE=5.365675e+03(NMSE1.521246e-02)(NMSE80)
#MSE=1.759523e+03(NMSE5.263299e-02)(NMSE80)
                                                                                                                                                                                                              ## result for rsa:2:0.7:1:20
#MSE=3.134008e+04(NMSE6.800483e-02)(nMSE80)
#MSE=3.525857e+03(NMSE2.164067e-01)(nMSE80)
           .348575e+00)(nMSE80)
                                                                                                                                                                #MSE=2.939815e+03(NMSE1.729125e-02)(nMSE80)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ## result for rsa:-1:0.7:1:20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           for name in eguti sawa ; do
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           #MSE=2.197198e+04(NMSE1.
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19035 #MSE=2.1
19036 #MSE=5.3
19038 #MSE=1.9
19039 #MSE=2.9
19040 #MSE=3.5
19041 #MSE=3.5
19042 #For nam
19044 #for nam
19046 for name
19048 #for name
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        M:1-1:1 ib:0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            mp=mp:1:1:1 DM=DiffMode:0 H=Hosei:1 g=g:5e-3 w=w:0.2 T=100 ;
                                                               sawa-a
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1200-2000:2000-2080k9N33mp1:1:1.000000H1-y
1200-2000:2000-2080k9N33mp1:1:1.000000H1-y
1200-2000:2000-2080k9N33mp1:1:1.000000H1-y
1200-2000:2000-2080k9N33mp1:1:1.000000H1-y
1200-2000:2000-2080k9N33mp1:1:1.000000H1-y
1200-2000:2000-2080k9N33mp1:1:1.000000H1-y
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1200-2000:2000-2080k9N33mpl:1:1.000000Hl-y
1200-2000:2000-22000x3mpl:1:1.000000Hl-y
1200-2000:2000-2080k9X3mpl:1:1.000000Hl-y
1200-2000:2000-2080k9X3mpl:1:1.000000Hl-y
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0-2000:2000-2080k9N33mpl:1:1.00000H1-y
0-2000:2000-2080k9N33mpl:1:1.000000H1-y
0-2000:2000-2080k9N33mpl:1:1.00000H1-y
0-2000:2000-2080k9N33mpl:1:1.000000H1-y
0-2000:2000-2080k9N33mpl:1:1.000000H1-y
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MRZE-86.05816+02(INWSE9.5036056-01) (t:2000-2080) 0-2000:2000-2080k9NIlmp1:1:1.000000H1-y
MRSE-8.05816+02(INWSE9.5036056-01) (t:2000-2080) 0-2000:2000-2080k9NIlmp1:1:1.000000H1-y
MRSE-1.0582716+02(INWSE4.511670-02) (t:2000-2080) 0-2000:2000-2080k9NIlmp1:1:1.000000H1-y
MRSE-2.45666+01(INWSE2.026719-02) (t:2000-2080) 0-2000:2000-2080k9NIlmp1:1:1.000000H1-y
MRSE-8.688178e+01(INMSE2.470193e-02) (t:2000-2080) 0-2000:2000-2080k9NIlmp1:1:1.000000H1-y
MRSE-7.59226e+01(INMSE2.95640-02) (t:2000-2080) 0-2000:2000-2080k9NIlmp1:1:1.000000H1-y
MRSE-7.59206e+01(INMSE2.95610-02) (t:2000-2080) 0-2000:2000-2080k9NIlmp1:1:1.000000H1-y
MRSE-7.62000e+01(INMSE2.95610-02) (t:2000-2080) 0-2000:2000-2080k9NIlmp1:1:1.000000H1-y
MRSE-6.012371e+01(INMSE2.956010-02) (t:2000-2080) 0-2000:2000-2080k9NIlmp1:1:1.000000H1-y
MRSE-6.012371e+01(INMSE2.956010-02) (t:2000-2080) 0-2000:2000-2080k9NIlmp1:1:1.000000H1-y
MRSE-6.012371e+01(INMSE2.95690000H1-y
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ${mp} ${DM} ${H} ${N}
;date
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           fr=2000 t1=80; frt1='expr ${fr} + ${t1}\
rsa=rsa:2:0.7:1:20 k=9 N=11 mp=mp:1:1:1 DM=DiffMode:0 H=Hosei:1 g=g:5e-3 w=w:0.2 T=100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            time ./tspredv3 ../data/\delta{name}-\delta{v}.dat \delta{fr0}-\delta{fr}:\delta{fr}-\delta{co}-\delta{rsa} k:\delta{k} y:0:255:0:1 \delta{g} \delta{w} T:\delta{T} vt:0.5 vr:10 >/dev/null:echo "### Done for \delta{name}-\delta{v} ###"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              eguti-a
                                                                                                                                                                                                                                                                                                                                                                                                                                                    rm -rf result-ensrs2ge/tmp;
fr=2000 t1=80; frt1= expr ${fr} + ${tl}` ; fr0=1200
rsa=rsa:-1:0.7:1:20 k=9 N=N:33-33:1 mp=mp:1:1:1 DM=)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 #MSE=3.123920e+01(NMSE1.966861e-02)(t:2000-2080)
#MSE=1.4743e-01(NMSE1.20173e-02)(t:2000-2080)
#MSE=1.378651e+02(NMSE5.351702e-02)(t:2000-2080)
#MSE=1.46015e+01(NMSE5.54708e-02)(t:2000-2080)
#MSE=9.140108e+01(NMSE3.969917e-02)(t:2000-2080)
#MSE=9.743741e+01(NMSE3.969917e-02)(t:2000-2080)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       done; done
#MSE=2.269411e+02(NMSE2.535628e-01)(t:2000-2080)
#MSE=1.250959e+02(NMSE2.6551e-02)(t:2000-2080)
#MSE=6.619580e+01(NMSE1.956198e-02)(t:2000-2080)
#MSE=6.619580e+01(NMSE2.574412e+00)(t:2000-2080)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            (2-2) バギングCAN2の結果 (using rsa:2:0.7:1:20)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              for name in eguti sawa ; do
for vin a i u e o ; do
m - rf result-ensr32ge/tmp;
fr=2000 tl=80; frrl='expr ${fr} + ${tl}$,
rsa=rsa:2:0.7:1:20 k=27 N=N:11-11:1 mp=mp
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19260 #forTuningP
00000H1-y eguti-a
19261 #forTuningP
00000H1-y eguti-a
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               00000H1-y eguti-a
19252 #forTuning
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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19295 time
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                                                                                                                                                                                                                                                                                                                                                                                                                                                       for v in a i u e o ; do

rm -rf result-ensrs2qe(tmp;

#fr=2000 ts=100 tl=100; frtl='expr ${fr} + ${t1}' ; frts='expr ${fr} + ${ts}' ;

fr=2000 ts=100; frtl='expr ${fr} + ${t1}'

rsa=rsa:-1:0.7:1:20 k=27 N=N:39-39:1 mp=mp:1:1:1 DM=DiffMode:0 H=Hosei:1 g=g:5e-3 w=w:0.2 T=100 ; to
                                                                                                                                                                                                                                                                                                                    rm -rf result-ensrs9ge/tmp;
rm -rf result-ensrs9ge/tmp;
rsars000.11=80.fr11:20 k=28 Na:36 mp=mp:1:1:1 DM=DiffMode:1 H=Hosei:1 g=g:5e-3 w=w:0.2 T=100 ; to=${fxtl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        time //tspredv3 ../data/\xi{name}-\xi{v}.dat 0-\xi{fr}:\xi{fr}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-\xi{r}-
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19193 #NSE=1.097755e+03(NMSE4.041733e-01) MSEdy=2.740830e+02(NMSEdy1.282771e+00)(t:2000-2080) 0-2000:2000-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2080k28N36mpl:1:1.000000H1-dy eguti-u
19195 #Ms2=2.18439e-02(NNBSEdys-01) MSEdy=1.644272e+02(NNBSEdys-883234e-01)(t:2000-2080) 0-2000:2000-
2080k28N356mpl:1:1.00000H1-dy eguti-e
19196 #MSE=2.229200e+01(NNSE1.403534e-02) MSEdy=7.525847e+00(NNSEdy1.933243e-02)(t:2000-2080) 0-2000:2000-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2080k28N36mp1:1:1.000000H1-dy sawa-a
19198 #MSE=5.008910e+02(NMSE1.581059e-01) MSEdy=1.757534e+02(NMSEdy8.934986e-01)(t:2000-2080) 0-2000:2000-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         080k28N36mp1:1:1.000000H1-dy sawa-i
19199 #MSE=6.733366e+01(NMSE2.604202e-02) MSEdy=2.790906e+01(NMSEdy9.394909e-02)(t:2000-2080) 0-2000:2000-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2080k28N36mp1:1:1.000000H1-dy sawa-e
19201 #MSE-1.542055e+01(NWSE7.277826e-03) MSEdy=5.531442e+00(NWSEdy1.236006e-02)(t:2000-2080) 0-2000:2000-
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19212 #MSE=7.023986e+01(RMSE7.847946e-02) MSEdy=3.446827e+01(NNSEdy1.202078e-01)(t:2000-2080) 0-2000:2000-
2080k26N38mpl:1:1.000000H1-dy
19213
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2080K28N36mp1:1:1.000000H1-dy eguti-0
19197 #MSE=3.906478e+00(NMSE7.657148e-02) MSEdy=1.751304e+00(NMSEdy8.892970e-02)(t:2000-2080) 0-2000:2000-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2080K28N36mpl:1:1.000000H1-dy sawa-u
19200 #MSE=3.010935e+01(NMSE1.307312e-02) MSEdy=2.896697e+01(NMSEdy6.410817e-02)(t:2000-2080) 0-2000:2000-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             19202
19203 #MSE=2.034968e+01(NMSE2.273684e-02) MSEdy=1.704627e+01(NMSEdy5.944871e-02)(t:2000-2080) 0-2000:2000-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 \# NSE = 2.241226 + (0.01) (NMSE2.504137 - 0.2) \\ MSE dy = 1.449823 + (0.01) (NMSE dy S.056246 - 0.2) \\ (1.2000 - 2080) \\ 0.-2000 : 2000 : 2000 - 2000 + (0.01) \\ 0.-2000 : 2000 - 2000 + (0.01) \\ 0.-2000 : 2000 - 2000 + (0.01) \\ 0.-2000 : 2000 - 2000 + (0.01) \\ 0.-2000 : 2000 - 2000 + (0.01) \\ 0.-2000 : 2000 - 2000 + (0.01) \\ 0.-2000 : 2000 - 2000 + (0.01) \\ 0.-2000 : 2000 - 2000 + (0.01) \\ 0.-2000 : 2000 - 2000 + (0.01) \\ 0.-2000 : 2000 - 2000 + (0.01) \\ 0.-2000 : 2000 - 2000 + (0.01) \\ 0.-2000 : 2000 - 2000 + (0.01) \\ 0.-2000 : 2000 - 2000 + (0.01) \\ 0.-2000 : 2000 - 2000 + (0.01) \\ 0.-2000 : 2000 - 2000 + (0.01) \\ 0.-2000 : 2000 - 2000 + (0.01) \\ 0.-2000 : 2000 - 2000 + (0.01) \\ 0.-2000 : 2000 - 2000 + (0.01) \\ 0.-2000 : 2000 - 2000 + (0.01) \\ 0.-2000 : 2000 - 2000 + (0.01) \\ 0.-2000 : 2000 - 2000 + (0.01) \\ 0.-2000 : 2000 - 2000 + (0.01) \\ 0.-2000 : 2000 - 2000 + (0.01) \\ 0.-2000 : 2000 - 2000 + (0.01) \\ 0.-2000 : 2000 - 2000 + (0.01) \\ 0.-2000 : 2000 - 2000 + (0.01) \\ 0.-2000 : 2000 - 2000 + (0.01) \\ 0.-2000 : 2000 - 2000 + (0.01) \\ 0.-2000 : 2000 - 2000 + (0.01) \\ 0.-2000 : 2000 - 2000 + (0.01) \\ 0.-2000 : 2000 - 2000 + (0.01) \\ 0.-2000 : 2000 - 2000 + (0.01) \\ 0.-2000 : 2000 - 2000 + (0.01) \\ 0.-2000 : 2000 - 2000 + (0.01) \\ 0.-2000 : 2000 - 2000 + (0.01) \\ 0.-2000 : 2000 - 2000 + (0.01) \\ 0.-2000 : 2000 - 2000 + (0.01) \\ 0.-2000 : 2000 - 2000 + (0.01) \\ 0.-2000 : 2000 - 2000 + (0.01) \\ 0.-2000 : 2000 - 2000 + (0.01) \\ 0.-2000 : 2000 - 2000 + (0.01) \\ 0.-2000 : 2000 - 2000 + (0.01) \\ 0.-2000 : 2000 - 2000 + (0.01) \\ 0.-2000 : 2000 - 2000 + (0.01) \\ 0.-2000 : 2000 - 2000 + (0.01) \\ 0.-2000 : 2000 - 2000 + (0.01) \\ 0.-2000 : 2000 - 2000 + (0.01) \\ 0.-2000 : 2000 - 2000 + (0.01) \\ 0.-2000 : 2000 - 2000 + (0.01) \\ 0.-2000 : 2000 - 2000 + (0.01) \\ 0.-2000 : 2000 - 2000 + (0.01) \\ 0.-2000 : 2000 - 2000 + (0.01) \\ 0.-2000 - 2000 - 2000 + (0.01) \\ 0.-2000 - 2000 - 2000 + (0.01) \\ 0.-2000 - 2000 - 2000 + (0.01) \\ 0.-2000 - 2000 - 2000 + (0.01) \\ 0.-2000 - 2000 - 2000 + (0.01) \\ 0.-2000 - 2000 - 2000 + (0.01) \\ 0.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     19192 #MSE=2.034968e+01(NMSE2.273684e-02) MSEdy=1.704627e+01(NMSEdy5.944871e-02)(t:2000-2080) 0-2000:2000-
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${gx} ${x} ${x} ${x}.dat 0.5 {x}.dat 0-${fx}:3 {x}.dat 0-${fx}.dat 0.5 {x}.dat 0.5
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19194 #MSE=8.766312e+01(NMSE2.590593e-02) MSEdy=5.273546e+01(NMSEdy1.266366e-01)(t:2000-2080)
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19204 #MSE=3.162893e+01(NMSE3.533921e-02) MSEdy=1.983809e+01(NMSEdy6.918518e-02)(t:2000-2080)

    CANZを用いる時系列予測のコーティリティソフトtspredv3の機能を整備してきた。
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    以前は、bestumsp.net 再現していたが、これは予測値が吸知でないとできない。また学習バラメータもデータに応じて変えていた。最近、last.netでも良い予測ができるバラメタがあるようなので結果を示す。(目し、以下の海県は予測ステップ数を100にしているから良い?) Diffundet 0 = DirectMode
    bingle CANZの結果 (using rsa:-1:0.7:1:20)

                                                                                                                                                                                                                                         for name in eguti ; do ; for v in a ; do rm -rf result-ensrs2ge/tmp;
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-y eguti-a #forTuningParameters#MSE=2.963505e+01(NMSE2.927283e-02)(t:2000-2100) 0-2000:2000-2100k27N39mpl:1:1.0 #forTuningParameters#MSE=1.518723e+02(NMSE1.500160e-01)(t:2000-2100) 0-2000:2000-2100K38N39mp1:1:1.0 #MSE=6.984699 e+02(NMSE2.092091e-01)(t:2000-2100) 0-2000:2000-21000x27N39mp1:1:1.000000H1-y eguti-u hMSE=6.696979e+01(NMSE2.41557e-02)(t:2000-2100) 0-2000:2000-2100x27N39mp1:1:1.000000H1-y eguti-e hMSE=1.526795e+01(NMSE2.41557e-02)(t:2000-2100) 0-2000:2000-2100x27N39mp1:1:1.000000H1-y eguti-e hMSE=1.456077e+070(NMSE2.36525e-03)(t:2000-2100) 0-2000:2000-2100x27N39mp1:1:1.000000H1-y eguti-e hMSE=6.432682e+01(NMSE2.098096e-02)(t:2000-2100) 0-2000:2000-21000x37N39mp1:1:1.000000H1-y sawa-i hMSE=6.432682e+01(NMSE2.098096e-02)(t:2000-2100) 0-2000:2000-2100x37N39mp1:1:1.000000H1-y sawa-i hMSE=3.276432e+02(NMSE1.391842e-01)(t:2000-2100) 0-2000:2000-2100x37N39mp1:1:1.000000H1-y sawa-u hMSE=3.276432e+02(NMSE1.391842e-01)(t:2000-2100) 0-2000:2000-2100x37N39mp1:1:1.000000H1-y sawa-u hMSE=3.449691e+01(NMSE1.532200e-02)(t:2000-2100) 0-2000:2000-2100x27N39mp1:1:1.000000H1-y sawa-u hMSE=3.449691e+01(NMSE1.532200e-02)(t:2000-2100) 0-2000:2000-2100x27N39mp1:1:1.000000H1-y sawa-u

19253 # forTuningParameters#MSE=1.044864e+02(NMSE1.032093a-01)(t:2000-2100) 0-2000:2000-2100k26N39mp1:1:1.0
0000011-y eguti.a
19254 # forTuningParameters#MSE=1.756519e+02(NMSE1.735050e-01)(t:2000-2100) 0-2000:2000-2100k24N38mp1:1:1.0
00000H1-y eguti.a
19255 #forTuningParameters#MSE=1.651647e+02(NMSE1.631459e-01)(t:2000-2100) 0-2000:2000-2100K17N40mp1:1:1.0
19255 #forTuningParameters#MSE=1.65129e+02(NMSE1.631459e-01)(t:2000-2100) 0-2000:2000-2100K17N40mp1:1:1.0
19256 #forTuningParameters#MSE=1.659229e+02(NMSE1.638949e-01)(t:2000-2100) 0-2000:2000-2100K17N41mp1:1:1.0 0000011-y equti-a 19250 | #forTuningParameters#MSE=4.204619e+01(NMSB4.15327e-02)(t:2000-2100) 0-2000:2000-2100K27N38mp1:1:1.0 0000011-y equti-a 19251 | #forTuningParameters#MSE=6.823106e+01(NMSB6.739708e-02)(t:2000-2100) 0-2000:2000-2100K27N40mp1:1:1.0 00000H1-y eguti-a 19253 #forTuningParameters#MSE=1.044864e+02(NMSE1.032093e-01)(t:2000-2100) 0-2000:2000-2100K26N39mpl:1:1.0 00000H1-7 equti-a 109257 #forTuningParameters#MSF=1.669030e+02(NMSE1.648630e-01)(t:2000-2100) 0-2000:2000-2100K17N39mp1:1:1.0 00000H1-7 equti-a 19258 #forTuningParameters#MSE=1.765225e+02(NMSE1.743649e-01)(t:2000-2100) 0-2000:2000-2100K17N43mp1:1:1.0 00000H1-y eguti-a-19260 #forTuningParameters#MSE=1.969462e+02(NMSE1.945389e-01)(t:2000-2100) 0-2000:2000-2100k17N35mpl:1:1.0 0-2000:2000-2100k25N39mp1:1:1.0 0-2000:2000-2100k17N45mp1:1:1.0 #forTuningParameters#MSE=2.080792e+02(NMSE2.055359e-01)(t:2000-2100) 0-2000:2000-2100k17N33mpl:1:1.0 00000H1-y eguti-a 19259 #forTuningParameters#MSE=1.681765e+02(NMSE1.661209e-01)(t:2000-2100) #forTuningParameters#MSE=7.518025e+01(NMSE7.426134e-02)(t:2000-2100)

 $\# for Tuning Parameters \# MSE=2.124515e+02 (NMSE2.098548e-01) (t:2000-2100) \\ 0-2000:2000-2100 MI7N3 \\ 2mp1:1:1.0.0 \\ 1:2000-2100) \\ 0-2000:2000-2100 MI7N3 \\ 2mp1:1:1.0.0 \\ 1:2000-2100 MI7N3 \\ 2mp1:1:1.0.0 \\ 2mp1:1.0.0 \\ 2mp1:1.0.0 \\ 2mp1:1.0.0 \\ 2mp1:1.0.0 \\ 2mp1:1.0.0 \\ 2mp1:1$

1926 for name in eguti sawa; do
1926 for name in e o ; do
1926 for name in e o; do
1926 for name in e o; do
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1926 for name in equti sawa; de e
1926 for name in eguti sawa; de e
1927 for name in eguti sawa; de e
1927 for name in eguti sawa; de e
1927 time ./tspredv3 ./data/\${name}-\${v}.data/\${v}.data/{v}.data

eguti-a y: done ; done #MSE=6.941099e+01(NMSE6.856260e-02)(t:2000-2100) 0-2000:2000-2100k27N39mp1:1:1.000000H1-y

#MSE=1.536815e+02(NMSE1.518031e-01)(t:2000-2100) 0-2000:2000-2100k27N11mp1:1:1.000000H1-y eguti-a y: eguti-a #MSE=1,229033e+03(NMSE1,214011e+00)(t:2000-2100) -0-2000:2000-2100K27N11mp1:1:1.000000H1-y+1.000000H1-y+1.00000H1-y+1.00000H1-y+1.00000H1-y+1.00000H1-y+1.00000H1-y+1.00000H1-y+1.00000H1-y+1.00000H1-y+1.00000H1-y+1.00000H1-y+1.00000H1-y+1.00000H1-y+1.00000H1-y+1.00000H1-y+1.0000H1-y+1.0000H1-y+1.0000H1-y+1.000H1-y# NSE = 1.342190e + 02(NMSE1.325784e - 01)(t:2000 - 2100) 0 - 2000:2000 - 2100k27N20mp1:1:1.000000H1 - yet = 0.00000H1 - yet = 0.00000H1 - yet = 0.00000H1 - yet = 0.0000H1 - yet = 0.000H1 - yet =

FREEL2.77556e+02(RWSEL.064757e-01) (t:2000-2100) 0-2000:2000-2100K27NIlmppl:11:1.000000H1-y equti-a HNSE-1.77556e+02(RWSEL.064757e-01) (t:2000-2100) 0-2000:2000-2100K27NIlmppl:11:1.000000H1-y equti-a HNSE-2.377505e+02(RWSEB.43597e-02) (t:2000-2100) 0-2000:2000-2100K27NIlmppl:11:1.000000H1-y equti-a HNSE-2.377505e+02(RWSEB.43597e-02) (t:2000-2100) 0-2000:2000-2100K27NIlmppl:11:1.000000H1-y equti-a HNSE-2.377506e+02(RWSEB.43597e-02) (t:2000-2100) 0-2000:2000-2100K27NIlmppl:11:1.000000H1-y equti-a HNSE-2.377506e-02) (t:2000-2100) 0-2000:2000-2100K27NIlmppl:11:1.000000H1-y equti-a HNSE-2.52209e+01(RWSEL.53700-02) (t:2000-2100) 0-2000:2000-2100K27NIlmppl:11:1.000000H1-y equti-a HNSE-7.52209e+01(RWSEL.53700-02) (t:2000-2100) 0-2000:2000-2100K27NIlmppl:11:1.000000H1-y equti-a HNSE-8.75270-040(RWSES.45450-02) (t:2000-2100) 0-2000:2000-2100K27NIlmppl:11:1.000000H1-y equti-a HNSE-7.52209e+01(RWSES.45450-02) (t:2000-2100) 0-2000:2000-2100K27NIlmppl:11:1.000000H1-y equti-a HNSE-7.55209e+01(RWSES.4540-02) (t:2000-2100) 0-2000:2000-2100K27NIlmppl:11:1.000000H1-y equti-a HNSE-7.55209e+01(RWSES.4540-02) (t:2000-2100) 0-2000:2000-2100K27NIlmpl:11:1.00000H1-y equti-a HNSE-7.55209e+01(RWSES.4540-02) (t:2000-2100) 0-2000:2000-2100K27NIlmpl:11:1.00000H1-y equti-a HNSE-7.55209e+01(RWSES.4500-02) (t:2000-2100) 0-2000:2000-2100K27NIlmpl:11:1.00000H1-y equti-a HNSE-7.55209e+01(RWSES.4500-02) (t:2000-2100) 0-2000:2000-2100K27NIlmpl:11:1.00000H1-y equti-a HNSE-7.55209e+01(RWSES.4500-02) (t:2000-2100) 0-2000:2000-2100K27NIlmpl:11:1.00000H1-y equti-a HNSE-7.55209e+01(RWSES.4500-02) (t:2000-2100) 0-2000:2000-2100K27NIlmpl:11:1.00000H1-y equti-a HNSE-7.5520

(2-3) eguti-aだけブースティングしてみる (using rsa:2:0.7:1:20 and Tbst:10)

t0=

\${H} \${N} 19295 time ./rspredv3 ../data/\${name}-\${v}.dat 0-\${fx}:\${fx}-\${to} Tbst:10 \${mp} \${DM} b:0:0:0:0 \${rsa} k:\${k} y:0:255:0:1 \${g} \${w} T:\${T} vt:0.5 vr:10 >/dev/null/date 19296 echo "### Done for \${name}-\${v} ###"

#MSE=1.698668e+02(NMSE1.677906e-01)(t:2000-2100) 0-2000:2000-2100k27N11mp1:1:1.000000H1-y eguti-a

```
19330 ###for y:-65:65:0:1
19331 #MSEG-401 MSEG-201 MSEG-2013-02(NMSEG-201)(t:2000-2100) 0-2000:2000-21008/N32mg-1:1:000000H1-dy-equti-a dy-56:665:4.18666-1.864.2968-01)(t:2000-2100) 0-2000:2000-21008/N32mg-1:1:1.000000H1-dy-equti-a dy:-38.808000:48.888000
19332 #MSE-2.958680e+02(NMSEB.81983-02) MSEG-41.86600:48.888000
19333 #MSE-2.958680e+02(NMSEB.81983-02) MSEG-201 MSEG-2010 MSEG-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    19315 time ./tspredv3 ../data/${name}-${v}.dat 0-${fr}:${fr}-${to} ${mp} ${DM} ${H} ${N} M:1-1:1 ib:0:0:0:0 ${rea} K:${k} y:0:0:0:1 ${g} ${w} T:${f} v:0.5 vr:10 >/dev/null:date 19316 edno for ${name}-${v} ###" 19317 done : done 10317 done : done : done 10317 done : done : done 10317 done : don
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    000H1-dy egut1-i dy:-38.808000:48.888000
19345 #MSE2-255944-02(NMSE2-255944-02(NMSE2-255944-02(NSE3944-02(C:2000-2100) 0-2000:2000-21000¢9N32mpl:1:1.000
000H1-dy egut1-u dy:-49.115000:88.905000
19346 #MSE3-1.145596-02(NMSE9-265516-02) MSEdy=2.5112256+01(t:2000-2100) 0-2000:2000-2100k9N32mpl:1:1.000
000H1-dy egut1-e dy:-50.826667.42.45333
19347 #MSE3-2.8012206+02(NMSE1.717698-01) MSEdy=7.4280138+01(t:2000-2100) 0-2000:2000-2100k9N32mpl:1:1.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2100k9N32mpl:1:1.000000H1-dy eguti-i
210031 #Mss=2.95671-9-02(NMSSB 766259e-02) MSBdy=1.043423e+02(NNSEdy2.617765e-01)(t:2000-2100) 0-2000:2000-
21005432mpl:1:1.000000H1-dy eguti-u
19322 #MSS=1.501092e+02(NMSEL.214744e-01) MSBdy=2.595432e+01(NNSEdy9.663073e-02)(t:2000-2100) 0-2000:2000-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             100kNN32mpl1:1:000000H1-dy eguti-0
1324 # Mashas.3:138924-00(NMSDE) 224-00 MSDEQ41.440558e+00(NNSDEQ47.424871e-02)(t:2000-2100) 0-2000:2000-
2100kNN32mpl:1:1.000000H1-dy sawa-a
19325 #MSDE3 810465e+02(NMSDE1.242828e-01) MSDEQ4=6.553375e+01(NMSDEQ43.45143e-01)(t:2000-2100) 0-2000:2000-
2100kNN32mpl:1:1.000000H1-dy sawa-a
19326 #MSDE3 29283ae+02(NMSDE1.242829e-02) MSDEQ4-6.59588e+01(NMSDEQ41.620370e-01)(t:2000-2100) 0-2000:2000-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              2100k9N132mp1:1:1.000000H1-dy sawa-i dy:-54.69750:41.973750
2100k9N132mp1:1:1.000000H1-dy sawa-i dy:-54.69750:41.973750
2100kN32mp1:1:1.00000H1-dy sawa-u dy:-61.44444:47.379629
2100kN32mp1:1:1.00000H1-dy sawa-u dy:-61.444444:47.379629
2100kN32mp1:1:1.00000H1-dy sawa-u dy:-61.444444:47.379629
2100kN32mp1:1:1.00000H1-dy sawa-u dy:-58.15488:43.212463
2100kN32mp1:1:1.00000H1-dy sawa-u dy:-58.15488:43.212643
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              19342 ###for y:-60:60:0:1
19343 #MSE=6.315565e+02(NMSE6.238372e-01) MSEdy=2.942300e+02(t:2000-2100) 0-2000:2000-2100k9N32mp1:1:1.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 000411-dy eguti-a dy:-56.866666:41.866666
19344 #MSE=2.627844e+02(NMSE9.323271e-02) MSEdy=4.903671e+01(t:2000-2100) 0-2000:2000-2100K9N32mpl:1:1.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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19348 #MSE=4.074552e-00(NMSE7.571184e-02) MSEdy=1.539785e+00(t:2000-2100) 0-2000:2000-2100k9N32mpl:1:1.000
000H1-dy sawa-a dy:-29.156526:21.381250
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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19349 #MSE=2.27259e+02[MNSE7.412125e-02] MSEdy=6.301444e+01(t:2000-2100) 0-2000:2000-2100k9N32mpl:1:1.000
0000H1-dy sawa-i dy:-54.697500:41.973750
19350 #MSE=1.395245e+02[MNSE5.644218e-02] MSEdy=4.910946e+01(t:2000-2100) 0-2000:2000-2100k9N32mpl:1:1.000
0000H1-dy sawa-u dy:-61.444444447.379629
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2100k9N32mp1:1:1.000000H1-dy eguti-e
19323 #MSE=1.045830e+02(RMSE6 412997e-02) MSEdy=2.961121e+01(NMSEdy7.831467e-02)(t:2000-2100) 0-2000:2000-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2100K90N3Zmp1:1:1.000000H1-dy sawa-e
1932B #MSE=1.445319e+02(NMSE6.419470e+02) MSEdy=3.292327e+01(NMSEdy7.298104e-02)(t:2000-2100) 0-2000:2000-
2100K90N3Zmp1:1:1.000000H1-dy sawa-e
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2100k.9N32mp1:11:1.000000H1-dy eguti-a
19320 #MSE=3.988064e+02(NMSE1.414916e-01) MSEdy=4.741196e+01(NMSEdy2.338768e-01)(t:2000-2100) 0-2000:2000-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2100k9N32mp1:11:1.000000H1-dy sawa-u
19327 #MSE=1.624228e+02(NMSE6.899793e-02) MSEdy=4.825326e+01(NMSEdy1.011072e-01)(t:2000-2100) 0-2000:2000-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        #MSE=6.263483e+02(NMSE6.186926e-01) MSEdy=2.928036e+02(NMSEdy8.879226e-01)(t:2000-2100) 0-2000:2000-
                                                                                                                                                                                                                                                                                                                        061126
(1) 時間発分時系列 dy(t)=y(t-1)による多段予測←Seems good! Mhy??
(1-1) 以前は、bestinsp.net で再現していたが、これは予測値が既知でないとできない。
(1-1) 以前は、bestinsp.net で再現していたが、これは予測値が既知でないとできない。
(1-2) last.netを用いると、DiffMode:0 ではうまく行かない場合があるが、
DiffMode:1ではすべてうまくいく(NMSE<1)! ← Why? Analyse it!!!!!
(注意) 下記の071126の 時間差分時系列 dy(t)=y(t)-y(t-1)(DiffWode:1)による多段予測は結構安定しているが、DiffWode:1 より精度は悪い?
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2100k9N32mpl:1:1.000000Hl-dy
19321 #MSE=2.926719e+02(NmS
                                                                                                                                                                                                                                                       19314 rsa=rs
${frt1};date
19315 time
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         19310
19311
19312
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            19329
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          19313
```

Jun 19 2021 08:15:37 **readmecan2mspeech.txt**

```
rm -rf result-ensrs2ge/tmp;
fr=2000 ts=100 t1=100; frtl='expr ${fr} + ${t1}' ;frts='expr ${fr} + ${ts}' ;
rsa=rsa:2:0.7:1:20 k=9 N=N:10-10:1 mp=mp:1:1:1 DM=DiffMode:1 H=Hosei:1 g=g:5e-3 w=w:0.2 T=100 ; to=$
                                                                                                 000H1-dy sawa-e dy:-58.155488:43.216463
19352 #MSE=1.454522e+02(NMSE6.460345e-02) MSEdy=3.342463e+01(t:2000-2100) 0-2000:2000-2100k9N32mp1:1:1.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2100k9N10mp1:1:1.000000H1-dy eguti-u
19367 #MXSE-4.014330e+03(NMSEA).4656e+01(NMSEdy1.402684e+00)(t:2000-2100) 0-2000:2000-
2100k9N10mp1:1:1.000000H1-dy eguti-e NG
19368 #MSE=1.517007e+02(NMSEB.302386e-02) MSEdy=1.59976e+01(NMSEdy4.231003e-02)(t:2000-2100) 0-2000:2000-
2100k9N10mp1:1:1.00000H1-dy eguti-e
19369 #MSE=8.03834e+00(NMSEB.493824e-01) MSEdy=1.439079e+00(NMSEdy7.417250e-02)(t:2000-2100) 0-2000:2000-
2100k9N10mp1:1:1.00000H1-dy sawa-a
19370 #MSE=7.477163e+02(NMSE2.43876e-01) MSEdy=4.689204e+01(NMSEdy2.250476e-01)(t:2000-2100) 0-2000:2000-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ...eguti-a
#MSE=1.534311e+02(NMSE5,443549e-02) MSEdv=4.366775e+01(t:2000-2100) 0-2000:2000-2100k9N10mp1:1:1.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2100k9N10mp1:11.1000000H1-dy sawa-a 19382 #Msh2ba-3.675614e+01(NNSEdy1.764027e-01)(t:2000-2100) 0-2000:2000-2100k9N10mp1:11.100000H1-dy sawa-a 18382 #Msh2ba-3.8674614e+01(NNSEdy1.764027e-01)(t:2000-2100) 0-2000:2000-2100k9N10mp1:11.100000H1-dy sawa-u 18382 #Msp2-9.918956e+01(NNSE4 0.12532e-02) Msp2-2.491496e+01(NNSEdy8.796354e-02)(t:2000-2100) 0-2000:2000-2100k9N10mp1:11.00000H1-dy sawa-u NSEdy2-2.261588e+01(NNSEdy4.738805e-02)(t:2000-2100) 0-2000:2000-19384 #Msp2-6.007548e+01(NNSE2.552032e-02) Msp2-2.261588e+01(NNSEdy4.738805e-02)(t:2000-2100) 0-2000:2000-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                fr=2000 ts=100 tl=100; frL1=expr ${fr} + ${tl}' ;frts='expr ${fr} + ${ts}' ; rcs=ss2:0.7:1:20 k=9 N=N:10-10:1 mp=mp:1:1:1 DM=DiffMode:1 H=Hosei:1 g=g:5e-3 w=w:0.2 T=100 ; to=$
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19393 #MSE=1.9894444e+02(NMSE1.965127e-01) MSEdy=7.111561e+01(t:2000-2100) 0-2000:2000-2100k9NlOmp1:1:1.000
\#MSE=1.412905e+02(MMSE6.002080e-02)\ MSEdy=4.457464e+01(t:2000-2100)\ 0-2000:2000-2100k9N32mp1:1:1.000
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19372 #MssE-4.797420e-01(kWssE2.037669e-02) MsEdy=1.910645e+01(kWsEdy4.003458e-02)(t:2000-2100) 0-2000:2000-
2100k9N10mp1:11.00000H1-dy sawa.u
19373 #MssE-1.630154e+02(kWsSF.240425e-02) MsEdy=3.320778e+01(kWsEdy7.361170e-02)(t:2000-2100) 0-2000:2000-
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19380 #MSE=1.315890e+02(NMSE8.068996e-02) MSEdy=1.484620e+01(NMSEdy3.926471e-02)(t:2000-2100) 0-2000:2000-
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19371 #MSE=1.049538e+02(NMSE4.245724e-02) MSEdy=2.185734e+01(NMSEdy7.716843e-02)(t:2000-2100) 0-2000:2000-
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19385 #MSE=1.574827e+02(NNSE6.994685e-02) MSEdy=3.289021e+01(NNSEdy7.290775e-02)(t:2000-2100) 0-2000:2000-
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19365 #MSE-1.4466e+02.0KmSE5.01973a-02) MSEdy-3.695213e+01(NMSEdy1.822799e-01)(t:2000-2100)
2100k9N10mp1:11.000000H1-dy-eguti-1
19366 #MSE=2.949033e+02(NMSE8.833087e-02) MSEdy=1.051311e+02(NMSEdy2.63755ee-01)(t:2000-2100)
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19379 #MSE=5.161555e+03(NMSE4.176937e+00) MSEdy=4.799294e+02(NMSEdy1.786829e+00)(t:2000-2100)
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#MSE=2.983827e+02(NMSE8.937305e-02) MSEdy=1.059436e+02(NMSEdy2.657939e-01)(t:2000-2100)
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19381 #MSE=2.500633e+00(NMSE4.646584e-02) MSEdy=1.175532e+00(NMSEdy6.058885e-02)(t:2000-2100)
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19485 #NG##MSE
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19406 time./tspredv3../data/${name}-${v}.dat 0-${fr}:${fr}-${to} ${mp} ${DM} ${H} ${N} M:1-1:1 ib:0:0:0:0
0 ${rsa} k:${k} y.0:0:0:1 ${g} ${mame}-${v} v:0.5 vr:10 >/dev/mull:date
19407 echo "### Done for ${name}-${v} ###"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     rm -rf result-ensrs2ge/tmp;
fr=2000 ts=100 tl=100; frtl='expr ${fr} + ${tl}' ;frts='expr ${fr} + ${ts}' ;
rsa=rsa:2:0.7:1:20 k=9 N=N:10-10:1 mp=mp:1:1:1 DM=DiffMode:0 H=Hosei:1 g=g:5e-3 w=w:0.2 T=100 ; to=$
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${fxab} $x_{x} {N} $y_{x} = y_{x} = y_
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#NG#fr=2000 ts=100 t1=200; frtl='expr ${fr} + ${t1}' ; frts='expr ${fr} + ${ts}' ;
#NG#rs=zsar-1:0-7:1:20 k=8 N=N:40-40:1 mp=mp:1:1:1 DM=DiffMode:0 H=Hosei:1 g=g:3.8e-4 w=w:0.2 T=100
      result-ensrs2ge/tmp;
) ts=100 tl=100; frtl=`expr ${#MSE=7.87806le+01(NMSE3.346634e-02)(t:2000-2100) 0-2000:2000-210
                                                                                                                                                                 Tr } + ${t1} ' ; frts='expr ${fr} + ${ts}' ; rs==rsa:-1:0.7:1:20 k=9 N=N:32-32:1 mp=mp:1:1:1 DM=DiffMode:0 H=Hosei:1 g=g:5e-3 w=w:0.2 T=100 ; to=
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#NG#rz2000 ts=100 fl=100 frtl='expr ${fr} + ${t1}`;frts='expr ${fr} + ${ts}`;
#NG#rssa-rss12.0.77.1:20 k=9 man:14-14:1 mp=mp:1:1.11 DM=DiffMode:0 H=HOseb:1 g=g:5e-3 w=w:0.2 T=100
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##ECY Y:00.0:1
#MSE=7.642676e+02 (KMSE3.408588e-01) (t:2000-2100) 0-2000:2000-2100k9N3Zmp1:1:1.000000H1-y equti-a
#MSE=7.642676e+02 (KMSE3.1151se-02) (t:2000-2100) 0-2000:2000-2100k9N3Zmp1:1:1.000000H1-y equti-1
#MSE=3.976197e+02 (KMSE2.1.09070e-01) (t:2000-2100) 0-2000:2000-2100k9N3Zmp1:1:1.000000H1-y equti-1
#MSE=7.454470e+02 (KMSE2.667180e-01) (t:2000-2100) 0-2000:2000-2100k9N3Zmp1:1:1.000000H1-y equti-0
#MSE=7.454342e+00 (KMSE4.570977e-02) (t:2000-2100) 0-2000:2000-2100k9N3Zmp1:1:1.000000H1-y equti-0
#MSE=7.357820e+02 (KMSE4.56590e-02) (t:2000-2100) 0-2000:2000-2100k9N3Zmp1:1:1.000000H1-y sawa-1
#MSE=7.1377820e+02 (KMSE4.56590e-02) (t:2000-2100) 0-2000:2000-2100k9N3Zmp1:1:1.000000H1-y sawa-1
#MSE=7.422046+01 (KMSE4.58590e-02) (t:2000-2100) 0-2000:2000-2100k9N3Zmp1:1:1.000000H1-y sawa-1
#MSE=7.422046+01 (KMSE4.5850e-02) (t:2000-2100) 0-2000:2000-2100k9N3Zmp1:1:1.000000H1-y sawa-e
#MSE=7.422046+01 (KMSE4.275801e-02) (t:2000-2100) 0-2000:2000-2100k9N3Zmp1:1:1.000000H1-y sawa-e
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#MSE21.79728-43 (RMSEL.775556+00) (t:2000-2100) 0-2000:2000-2100k9N3Zmp1:1:1.000000H1-y e
#MSE21.79728-403 (RMSED.2448056-02) (t:2000-2100) 0-2000:2000-2100k9N3Zmp1:1:1.000000H1-y e
#MSE21.2454610e+01 (RMSES.3.745560-02) (t:2000-2100) 0-2000:2000-2100k9N3Zmp1:1:1.000000H1-y e
#MSE21.245200e+01 (RMSES.651306-02) (t:2000-2100) 0-2000:2000-2100k9N3Zmp1:1:1.000000H1-y e
#MSE28.6.25766-01 (RMSES.1.65526-02) (t:2000-2100) 0-2000:2000-2100k9N3Zmp1:1:1.000000H1-y e
#MSE28.1.25566-01 (RMSES.1.65526-02) (t:2000-2100) 0-2000:2000-2100k9N3Zmp1:1:1.000000H1-y e
#MSE21.35136e+02 (RMSE4.42726e-02) (t:2000-2100) 0-2000:2000-2100k9N3Zmp1:1:1.000000H1-y e
#MSE21.251546+02 (RMSE4.87610e-02) (t:2000-2100) 0-2000:2000-2100k9N3Zmp1:1:1.000000H1-y e
#MSE21.09547e+02 (RMSE4.869489e-02) (t:2000-2100) 0-2000:2000-2100k9N3Zmp1:1:1.000000H1-y e
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#MSE=1.259262e+03(NMSE1.243871e+00)(t:2000-2100) 0-2000:2000-2100k9N10mp1:1:1.000000H1-y
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#NG##MSE=1.958652e+00(NMSE1.946305e-04)(t:2000-2200) 0-2000:2000-2200k8N40mp1:1:1.000000H1-y g:3.8e-

readmecan2mspeech.txt

#NG##MSE=3.461041e+02(NMSE1.306900e-01)(t:2000-2200) 0-2000:2000-2200k8N14mp1:1:1.000000H1-y eguti-1 #NG##MSE=6.825194e+02(NMSE2.041020e-01)(t:2000-2200) 0-2000:2000-2200k8N14mp1:1:1.000000H1-y eguti-u #NG##MSE=3.926423e+02(t:2000-2200) 0-2000:2000-2200k8N14mp1:1:1.000000H1-y (sawa-i y:14.722500:199.7 #NO##MSE=3.852147e+02(t:2000-2200) 0-2000:2000-2200k8N14mp1:1:1.000000H1-y (sawa-i y:14.722500:199.7 #NG#Y:0:255:0:1 g:0.4e-3 #NG##MSE=6.072109e-01(t:2000-2200) 0-2000:2000-2200kBNI4mpl:1:1.000000HI-y (sawa-a y:74.700000:153.4 #NG#y:74.700000:153.425000:0:1 g:1.4e-3 #NG##MSE=5.883401e-01(t:2000-2200) 0-2000:2000-2200k8N14mp1:1:1.000000H1-y (sawa-a y:74.700000:153.4 #NG#rm -rf result-ensrs2ge/;fr=2000 ts=200 t1=200; frt1=`expr $\$\{fr\}$ + $\$\{t1\}$ ` ;frts=`expr $\$\{fr\}$ + $\$\{t\}$ #NG#MSE=1.985315e+03(NMSE1.963331e+00)(t:2000-2200) 0-2000:2000-2200k8N14mp1:1:1.000000H1-y eguti-a) #NG#time ./tspredv3 ../data/sawa-a.dat 0-\${fr}:\${fr}-\${to} \${mp} \${mp} \${H} \${N} M:1-1:1 ib:0:0:0:0:0 k:\${k} y:74.700000:153.425000 \${g} \${w} T:\${T} vt:0.5 vr:10 >/dev/null;date #NG#rsa:2:0.7:1:20 k=8 N=N:14-14:1 #NG#fr=2000 ts=200 t1=200; frtl='expr \${fr} + \${t1}' ;frts='expr \${fr} + \${ts}' ; #NG#rsa=rsa:-1:1:1:1 k=8 N=N:34-34:1 mp=mp:1:1:1 DM=DiffMode:1 H=Hosei:1 g=g:1.4e-3 w=w:0.2 T=100 ; #NG#rm -rf result-ensrs2ge/; #NG#re-2000 fs=200 f-1=200; frtl='expr \${fr} + \${tl}'; frts='expr \${fr} + \${ts}'; ; #NG#re-2000 fs=200 fr1:20 k=8 N=N:14-14:1 mp=mp:1:1:1 DN=DiffNode:0 H=Hose:1:1 g=g:3.8e-4 w=w:0.2 T=100 #NG#rsa=rsa:2:0.7:1:20 k=8 N=N:15-15:1 mp=mp:1:1:1 DM=DiffMode:0 H=Hosei:1 g=g:1.4e-3 w=w:0.2 T=l00 #NG##MSE=6.181629e-01(t:2000-2200) 0-2000:2000-2200K8N14mp1:1:1.000000H1-y #NG#Ess:20.7.1:120 K-8 N=11.5:1 #NG#MSE=6.201649e-01(t:2000-2200) 0-2000:2000-2200K8N15mp1:1:1.000000H1-y #NG#FSE:6.201649e-01(t:2000-2200) #NG#raa:2:0.7:1:20 k=8 N=N:17-17:1 #NG##MSE=9.665671e-01(t:2000-2200) 0-2000:2000-2200k8N17mp1:1:1.000000H1-y #NG#y:74.700000:153.425000 rsa:-1:1:1:1 #NG##MSE=1.465435e+00(t:2000-2200) 0-2000:2000-2200k8N34mp1:1:1.000000H1-y $\#NG\#\#MSE=1.397569e+00(t:2000-2200) \ 0-2000:2000-2200kBN14mp1:1:1.000000H1-y=0.0000000H1-y=0.00000H1-y=0.00000H1-y=0.00000H1-y=0.00000H1-y=0.00000H1-y=0.00000H1-y=0.00000H1-y=0.00000H1-y=0.00000H1-y=0.00000H1-y=0.00000H1-y=0.00000H1-y=0.00000H1-y=0.00000H1-y=0.00000H1-y=0.000000H1-y=0.00000H1-y=0.000000H1-y=0.00000H1-y=0.00000H1-y=0.0000000H1-y=0.000000H1-y=0.0000000H1-y=0.000000H1-y=0.000000H1-y=0.0000000H1-y=0.000000H1-y=0.000000000H1-y=0.000000000000000$ #NG##MSE=1.552791e+00(t:2000-2200) 0-2000:2000-2200k8N13mp1:1:1.000000H1-y #NG#MSE=1.457073e+00(t:2000-2200) 0-2000:2000-2200kBN14mp1:1:1.000000H1-y #NG##YSB:2:0.7:1:20 k=8 N=N:12-12:1 #NG##NSE=3.806061e+00(t:2000-2200) 0-2000:2000-2200k8N12mp1:1:1.000000H1-y #NG##MSE=3.434110e+00(t:2000-2200) 0-2000:2000-2200k8N34mp1:1:1.000000H1-y #NG#5.74_700000:153.425000 rsa:-2:1:1:1 #NG##NSE=3.317997e+00(t:2000-2200) 0-2000:2000-2200k8N34mp1:1:1.000000H1-y #NG#xaa:2:0.7:1:20 k=8 N=N:10-10:1 #NG##MSE=1.029566e+01(t:2000-2200) 0-2000:2000-2200k8NlOmp1:1:1.000000H1-y #NG##MSE=5.650037e+01(t:2000-2200) 0-2000:2000-2200kBNBmp1:1:1.000000H1-y

Jun 19 2021 08:15:37

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19620 ./ens2ge \${dn_regression} \${dn_regression} N:20-40:1 ib:0:0:0:1 M:1-1:1 k:\${K} g:\${g} T:\${T} >/dev/null #最適コニット数線※ rm -rf result-ensrs2ge/

readmecan2mspeech.txt

```
19633 echo "vowelrecog tes; {testname} tr:$ {trainname} k:9 N:$ {NI}-$ {N2} m:$ {method} T:$ {T} tt:$ {t0}:$ {t1} 19634 vowelrecog te:$ {testname} "...*".
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             rm -rf tmp export T=100 N1=32 method=poles4 t0=1000 t1=2000 t2=1000 t3=2000 t4=200; export N2=\{NI\} DISP=2 \# for testname in fuchi kitayama nechi ryotarou shingo takemura tomisaki yusuke ; do
tr:fuchi k:9 N:30-30 m:poles4 T:100 tt:1000:2000:1000:2000:200 DISP:2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        cd .../data
for f in fuchi kitayama nechi ryotarou shingo takemura tomisaki yusuke ; do
for vowal a i u e o ; do
for vowal a i u e o ; do
for vowal sipuno) mabiki $(f)-$(vowal).txt 6 0 > $(f)-$(vowal).dat"
$(Puno)/mabiki $(f)-$(vowal).txt 6 0 > $(f)-$(vowal).dat
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//home/kuro/sotu/2006/can2b/mabiki kitayama-o.txt 6 0 > kitayama-o.dat
range of x0:-13610.000000:14907.000000
diml num_data=67461 (<404766original)
//home/kuro/sotu/2006/can2b/mabiki nechi-a.txt 6 0 > nechi-a.dat
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range of x0:-9251.00000:10652.000000
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//moms/kurc/satu/20066cana2b/mablikf fuchi-u.txt 6 0 > fuchi-u.dat
//moms/kurc/satu/2006cana2b/mablikf fuchi-u.txt 6 0 > fuchi-u.dat
//moms/kurc/satu/2006/casu2b/mablikf fuchi-e.txt 6 0 > fuchi-e.dat
//moms/kurc/satu/2006/casu2b/mablikf fuchi-e.txt 6 0 > fuchi-e.dat
//moms/kurc/satu/2006/casu2b/mablikf uchi-e.txt 6 0 > fuchi-e.dat
//marge of x0:-8264.000000:8186.000000
diml num_data=76029 (<456172original)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                vowelrecog te:fuchi tr:fuchi k:9 N:30-30 m > NSE--;3.08661e-07 NNSE---;1.120039e-00 > NSE--;1.120039e-00 > NSE---;1.987014e-06 NNSE---;3.936018-01 > NSE---;4.962062e-07 NNSE---;1.15329e+00 > NSE---;4.553977e-01 > NSE---;4.15329e+00 NNSE---;1.15329e+00 > NSE---;1.15329e+00 NNSE---;1.15329e+00 NNSE---;1.153
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      range of x0:-17422.000000:17186.000000 diml num_data=72796 (<436774original)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   diml num_data=106170 (<637016original)
```

readmecan2mspeech.txt

#te:kitayama-aiueo-t1000+2000 are recognized as tr:kitayama-aiueo-t1000+2000 (5/5) via m:poles4N32-3 #te:ryotarou-aiueo-t1000+2000 are recognized as tr:ryotarou-aiueo-t1000+2000 (5/5) via m:poles4N32-3 echo "vowelrecog te:\${testname} tr:\${trainname} k:9 N:\${N1}-\${N2} m:\${method} T:\${T} tt:\${t0}:\${t1} vowellatecop e:s{lestname} tr:s{trainname} k:9 N:5{N1}-5{N2} m:\${method} T:5{T} tt:5{t0}:5{t1}:5{t2} #te:shingo-aiuco-11000+2000 are recognized as tr:shingo-aiuco-t1000+2000 (5/5) via m:poles4N32-32.# vvovelrecog te:takemura tr:takemura k: 18-9 N:32-32 m:poles4 T:100 tt:1000:2000:1000:2000:200 DISP:2# >>NSE--:4.614058e+05 NNSE---:3.5.26605e-02 >>NSE---4.020339e+06 NNSE---:3.9.19889e-01 method-poles4 t0=1000 t1=2000 t2=1000 t3=2000 t4=200; export N2= $\{N1\}$ DISP=2 # chi kitayama nechi ryotarou shingo takemura tomisaki yusuke ; do #te:fuchi-aiueo-t1000+2000 are recognized as tr:fuchi-aiueo-t1000+2000 (5/5) via m:poles4N32-32.# vowelrecog te:kitayama tr:kitayama k:9 N:32-32 m:poles4 T:100 tt:1000:2000:1000:2000:200 #te:nechi-aiueo-t10004-2000 are recognized as tr:nechi-aiueo-t10004-2000 (5/5) via m:poles4N32-32.#
vowelrecop te:rychotarou tr:vycharou k:9 N:32-32 m:poles4 T:100 tt:1000:2000:1000:2000:200 DISP:2#
>>NSE---:3 85221e+06 NMSE---:7, 231125e-01
>>NSE---:8.560779e+05 NMSE---:8, 7.19821e-01 vowelrecog te:shingo tr:shingo k:9 N:32-32 m:poles4 T:100 tt:1000:2000:2000:200 DISP:2# >>NSE---;4.05228e+06 NNSE---;5.397158e+00 >>NSE---;8.27949e+06 NNSE---;6.50.652e+01 >>NSE---;2.16.2053e+07 NNSE---;7.928727e-01 tr:fuchi k:9 N:32-32 m:poles4 T:100 tt:1000:2000:1000:2000:200 DISP:2# tr:nechi k:9 N:32-32 m:poles4 T:100 tt:1000:2000:1000:2000:200 DISP:2# vowelrecog te:fuchi tr:fuchi k:9 N:40-40 m:poles4 T:100 tt:1000:2000:1000:2000:200 DISP:2 >>MSE---;2.888884e+07 NMSE---;1.049632e+00 /home/kuro/sotu/2006/can2b/mabiki yusuke-e.txt 6 0 > yusuke-e.dat range of x0:-17334.000000:19034.000000 diml num_data=78648 (<471888original)
/home/kuro/sotu/2066/cau2b/mabiki yusuke-o.txt 6 0 > yusuke-o.dat
xrange of 1-32767, 00000001:227677, 0000000
diml num_data=75089 (<4505310riginal)</pre> >>MSE---;3.685690e+07 NMSE---;1.339126e+00 >>MSE---;6.1105110e+06 NMSE---;1.160347e-01 >>MSE---;6.645106e+07 NMSE---;1.544517e+00 >>MSE---;5.021356e+06 NMSE---;5.984218e-01 >>MSE---;5.02135e+06 NMSE---;5.724151e-02 >>MSE---;4,642344e+06 NMSE---;8.743389e-01 >>MSE---;2,811613e+06 NMSE---;7.309868e-01 >>MSE---;1.798817e-06 NMSE---;4,892913e-01 >>MSE---;1.024068e+07 NMSE---;3.557659e-01 >>MSE---;2,127896e+06 NMSE---;4,604267e-01 >>MSE---;1,565360e+05 NMSE---;2,02832e-01 >>MSE---;1,012822e+06 NMSE---;1,468301e-01 >>MSE---;3,31351e+06 NMSE---;7,550335e-01 >>MSE---;1,918784e+06 NMSE---;1,606191e-01 >>MSE---;2.665981e+06 NMSE---;7.695067e-01 >>MSE---;2.352337e+05 NMSE---;7.840783e-01 >>MSE---;8.377783e+07 NMSE---;9.396198e-01 vowelrecog te:kitayama tr:kitayama k:9 N: >> MSE---;1.582444e+06 NMSE---;6.660982e-01 --;4.479932e-01 --;6.947639e-01 num_data=77462 (<464769original) (2)学習能力(訓練=テスト)のチェック :\${t3}:\${t4} DISP:\${DISP} >/dev/null --;2.234932e+07 NMSEvowelrecog te:fuchi tr:fuc >>MSE---;3.685650e+07 NMSE---;1.921563e+07 NMSE-:\${t2}:\${t3}:\${t4} DISP:\${DISP} 19796 vowelrecog te:\${testnam export T=100 N1=32 met for testname in fuchi trainname=\${testname} vowelrecog te:nechi for t2 in 1000 ; do rm -rf tmp >> MSE->> MSEdiml 19791 19792 19793 19794 19795 19816 19817 19818 19819 19798 19803 19804 19805 19806 19808 19809 19810 19811 19812 19820 19828 19829 19830 19831 2.# 19835 19836 19841 19842 19843 19844 19785 19800 19822 19823 19824 19825 19826 19826 19838 19788 19789 19790 19801 19802 19807 19814 19821 19833 19837 19839 19840 19787 19797

#te:takemura-aiueo-t1000+2000 are recognized as tr:takemura-aiueo-t1000+2000 (5/5) via m:poles4N32-3

-;1.285395e+00

--;4.170379e+07 NMSE-

>> MSE-

>>MSE---;1.257170e+08 NMSE---;1.015650e+00 >>MSE---;2.748599e+05 NMSE---;8.093864e-02 vowelrecog te:tomisaki tr:tomisaki k:9 N:32-32 m:poles4 T:100 tt:1000:2000:1000:2000 DISP:2#

#te:tomisaki-aiueo-t1000+2000 are recognized as tr:tomisaki-aiueo-t1000+2000 (5/5) via m:poles4N32-3

>>MSE---;6.373441e+05 NMSE---;1.32781e+00 >>MSE---;2.379518e+05 NMSE---;9.559352e-02 >>MSE---;1.396518e+05 NMSE---;1.396621e+00 >>MSE---;1.579402e+07 NMSE---;1.16255e+00

19853

>>MSE---;5.530445e+05 NMSE---;3.502536e-01

19849 19850 vowelrecog te:yusuke tr:yusuke k:9 N:32-32 m:poles4 T:100 tt:1000:2000:1000:200 DISP:2#

Jun 19 2021 08:15:37

eadmecan2mspeech.txt

```
19952 dhame=fuchi-e
19953 dname=fuchi-e
19954 dn_Limeseries=.data/s(dname).dat
19955 dn_respression=./tmp/s(dname).dat
19956 dn_respression=./tmp/s(dname).dat
19956 dn_respression=./tmp/s(dname).dat
19957 cat param.dat << EOF ###save parameters
19958 0 #channers
19959 0 #channers
19959 0 #channers
19950 0 0 0 0 #channers
19950 0 #chan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 #te:kitayama-aiueo-t1000+2000 are recognized as tr:nechi-oiueo-t1000+2000 (4/5) via m:poles4N32-32.#
                                               tr:${trainname} k:9 N:${N1}-${N2} m:${method} T:${T} tt:${t0}:${t1}:${t2}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (2) 学習能力(訓練=テスト)のチェック
DISP= #far display msp (mlth-step prediction)
export T=100 Nl=32 method mpoles4 t0=1000 t1=2000 t2=1000 t4=200; export N2=${Nl} DISP=2#
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       rm -rf tmp
for testmen in fuchi kitayama nechi ryotarou shingo takemura tomisaki yusuke
for testmame=${testname}
for t2 in 1000 ; do
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ф
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              DISP==1 for poles display DISP=2 for msp (multi-step) rediction) display for f in fuchi kitayama nechi ryotarou shingo takemura tomisaki yusuke ; of for vowel in a iu e o; a do if yovel) vit \xi[f] = \xi[vowel], i.x \xi[f] = \xi[vowel], dat" of \xi[f] = \xi[vowel]. Let \xi[f] = \xi[vowel]. Gat in \xi[f] = \xi[vowel].
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           #0:timeseries,1:function approximation in my_function.c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ../data/fuchi-o.dat #training file
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      #v_thresh vmin vmin2
                                               19920 vowelrecog te:${testname} t;
${t3}:${t4} DISP:${DISP} >/dev/null
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0.2 5e-3 0.7 #window width
:${t2}:${t3}:${t4} DISP:${DISP}"
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1986 for testname=kitayama nechi ryotarou shingo takemura tomisaki yusuke ; do
1987 trainname=kitayama nechi ryotarou shingo takemura tomisaki yusuke ; do
1986 for t2 in 1000 ; do
19869 echo "vowelrecog tes{testname} tr:${trainname} k:9 N:${NI}-${N2} m:${method} T:${T} tt:${t0}:${t1}
19870 vowelrecog te:${testname} tr:${trainname} k:9 N:${N1}-${N2} m:${method} T:${T} tt:${t0}:${t1}
19870 vowelrecog te:${testname} tr:${trainname} k:9 N:${N1}-${N2} m:${method} T:${T} tt:${t0}:${t1}
19870 vowelrecog te:${testname} tr:${trainname} k:9 N:${N1}-${N2} m:${method} T:${T} tt:${t0}:${t2}
19870 vowelrecog te:${testname} tr:${t1} method tr:${t2} method tr:${t2} method tr:${t2} method tr:${t2} method tr:${t2} method tr:${t2} method tr:${t3} method tr:${t4} method tr:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  19870 vowelrecog te:${testname} tr:${trainname} k:9 N:${NI}-${N2} m:${method} T:${T} tt:${t0}:${t1}:${t2}:${t2}*31:${t4} DISP:${DISP} */dev/null
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                #te:fuchi-aiueo-t1000+2000 are recognized as tr:kitayama-aiueo-t1000+2000 (5/5) via m:poles4N32-32.#
#te:kitayama-aiueo-t1000+2000 are recognized as tr:kitayama-aiueo-t1000+2000 (5/5) via m:poles4N32-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 #te:nechi-aiuco-11000+2000 are recognized as tr:kitayama-uiuco-11000+2000 (3/5) via m:poles4M32-32.#
Heritchi-aiuco-11000+2000 are recognized as tr:kitayama-aiuco-11000+2000 (5/5) via m:poles4M32-32.#
#te:rycarou-aiuco-11000+2000 are recognized as tr:kitayama-aiuio--11000+2000 (4/5) via m:poles4M32-32.#
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                #te:nechi-aiueo-t10004200 are recognized as tr:kitayama-uiaeo-t100042000 (3/5) via m:directNl-1.# #te:nechi-aueo-t10004200 are recognized as tr:kitayama-oioeo-t100042000 (3/5) via m:directNl-1.# #te:tychiarueo-t10004200 are recognized as tr:kitayama-aiio-t100042000 (3/5) via m:directNl-1.# #te:shingo-aiueo-t100042000 are recognized as tr:kitayama-aiiio-t100042000 (3/5) via m:directNl-1.# #te:shingo-aiueo-t10004200 are recognized as tr:kitayama-uiueo-t100042000 (4/5) via m:directNl-1.#
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   #te:fuchi-aiueo-t1000+2000 are recognized as tr:kitayama-aiueo-t1000+2000 (5/5) via m:poles4N25-35.#
#te:kitayama-aiueo-t1000+2000 are recognized as tr:kitayama-aiueo-t1000+2000 (5/5) via m:poles4N25-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       #te:nechi-aiueo-t1000+2000 are recognized as tr:kitayama-iiuoo-t1000+2000 (3/5) via m:poles4N25-35.#
#te:ryotarou-aiueo-t1000+2000 are recognized as tr:kitayama-aiuio-t1000+2000 (4/5) via m:poles4N25-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               #te:takemura-aiueo-t1000+2000 are recognized as tr:kitayama-aioio-t1000+2000 (3/5) via m:poles4N25-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             are recognized as tr:kitayama-aiueo-t1000+2000 (5/5) via m:poles4N25-3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         #te:nechi-aiueo-11000+2000 are recognized as tr:kitayama-viaeo-11000+2000 (3/5) via m:directNI-1.# #te:nechi-aueo-11000+2000 sy by m: directNI-1.# #te:fuchi-aueo-11000+2000 sy by via m:directNI-1.# #te:theritchi-aueo-11000+2000 are recognized as tr:kitayama-aiiio-11000+2000 (3/5) via m:directNI-1.# #te:ryofaarou-aiueo-11000+2000 are recognized as tr:kitayama-aiiio-11000+2000 (3/5) via m:directNI-1.#
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       #te:shingo-aiueo-t1000+2000 are recognized as tr:kitayama-aiueo-t1000+2000 (5/5) via m:poles4N32-32.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    tr:${trainname} k:9 N:${N1}-${N2} m:${method} T:${T} tt:${t0}:${t1}
                                                                                    >>MSE----; 5.862346e+07 NNSE---;7.570561e-01

>>MSE----1, 644200e+06 NNSE----;1.200502e-01

>>MSE---1, 257655e+08 NMSE---;4.598174e+01

#te:ywsuke-aiueo-t1000+2000 are recognized as tr:yusuke-aiueo-t1000+2000 (5/5) via m:poles4N32-32.#
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                                                                                                                                                                                                                                                                                                                                                                     export T=100 N1=32 method=poles4 t0=1000 t1=2000 t2=1000 t3=2000 t4=200; export N2=${N1} DISP=0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            export T=100 N1=32 method=poles4 t0=1000 t1=2000 t2=1000 t3=2000 t4=200; export N2=${N1}
     --;2.698399e+06 NMSE---;1.215123e+00
--;1.005912e+06 NMSE---;7.667597e-01
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for t2 in 1000 ; do
echo "vowelrecog te:${testname}
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for testname in kitayama ; do
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# m:poles5
# m:M4
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                                                                                                                                                                                                                                                                                                                                                                                                                    060115
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20116 for t2
20117 echo "
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                                               :${t3}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (3)export T=100 N1=1 method=poles4 t0=1000 t1=1000 t2=1000 t3=1000; export N2=${N1} # for testrame in fuchi kitayama nechi ryotarou shingo takemura tomisaki yusuke ; do trainname=$(testname)
                                                                                            export dname=fuchi-e K=9 T=100 g=5e-3
export dn_Limeser-tss=..datus/${dname}.dat dn_regression=./tmp/${dname}-fa.dat
export tl=3000 t2=3600 tc=1000 method=mspE
export tl=3000 t2=3600 tc=1000 method=mspe
export tl=3000 t2=3600 tc=1000 method=mspe
                                                                                                                                                                                                   #Ttrain, Ttotal: points in time of training and total data
                                                                                                                                                                                                                                                                                                                                                                                                                                                      #Ttrain, Ttotal: points in time of training and total data
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         #Ttrain, Ttotal: points in time of training and total data
                                                                                                                                                     cat >param.dat << EOF #save parameters
0 #0:timeseries,1:chaos prepare_data() in my_function.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       #0:timeseries,1:chaos prepare_data() in my_function.c
                                                                                                                                                                                                                                                                                                                                                                                                                    #0:timeseries,1:chaos prepare_data() in my_function.c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   x #execute
5e-3 0.7 #i=0:online,i=1:batch, gamma0, entropy_thresh
                                                                                                                                                                                                                #y0min y0max y1min y1max for normalization
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 #y0min y0max y1min y1max for normalization
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     #y0min y0max y1min y1max for normalization
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     #iterations, rot_x, rot_z
                                                                                                                                                                                                                                                                      cp tmp/train+test.dat ${dn_regression}
###N1からN2までに対するcan2の実行
export N1=35 N2=39
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          #iterations to execute
 #iterations, rot_x, rot_z
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          #n_cells storing vectors
                                                                                                                                                                                                                                                                                                                    while [ ${N} -le ${N2} ] ; do
file=tmp/bestmspN${N}.net
predfile=tmp/predictN${N}; dat
if [ -e ${file} : then
echo $file exists. Omit calculation.
                                                                                 ####################Do Delow.
                                                                                                                                                                                      ${dn_timeseries} #training file
${t1} ${t2} #Ttrain,Ttotal
0 0 0 0 #yOmin yOmax ylmin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        echo "Executing can2 for N=\$\{N\}"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        window width
                                                                                                                                                                                                                                                              ./can2 <param.dat >/dev/null
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                #v_thresh v_min
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /dev/null
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             cp bestmsp.net ${file}
cp predict.dat ${predfile}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ######アンサンブルの実行
                                                                                                                                        export N1=35 N2=39 ens= #
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            export ens=$ens" "$\{file\} N='expr $\{N\} + 1'
                                                                                                                                                                                                                                                                                                                                                                                                        cat > param.dat << EOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            cat > param.dat << EOF
                                                                                                                                                                          ${K} 0 #channels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       #n_compare
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /can2 < param.dat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            {dn_timeseries}
{t1} ${t2}
0 0 0 #y0n
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ###################
                                                                                                                                                                                                                                                                                                                                                                                                                                           {dn_timeseries}
{t1} ${t2}
0 0 0 #y0
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                                                                                                                                                                                                                                                                                                                                                                                                                               0 #channels
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                                                                                                                                                                                                                                                                                                             export N=${N1}
100
100 50 350
                                   bestmsp.net
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        method}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           {ens}
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      done
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          100
```

trainname=eguti for t2 in 1000 5000 ; do echo "vowelrecog te:\${testname} tr:\${trainname} k:9 N:\${NI}-\${N2} m:\${method} T:\${T} tt:\${t0}:\${t1} 20114 for testname in sawa eguti ; do 20115 if ["\${testname}" = "sawa"] ; then trainname=eguti ;elif ["\${testname}" = "eguti"] ; then trainn 20117 echo "vowelrecog te:\${testname} tr:\${trainname} k:9 N:\${N1}-\${N2} m:\${method} T:\${T} tt:\${t0}:\${t1} :\${t1} :\${t2}:\${t2}:\${t3} DISP:0" 20076 for t2 in 1000 ; do 20076 for wowkersecg te:\${testname} tr:\${trainname} k:9 N:\${N1}-\${N2} m:\${method} T:\${T} tt:\${t0}:\${t1}:\${t1}:\${t2}:\${t2}:\${t2}:\${t3} DISP:0" for testname in sawa eguti ; do
if ["\${testname}" = "sawa"] ; then trainname=eguti ;elif ["\${testname}" = "eguti"] ; then trainn echo "vowelrecog te: $\$\{\text{testname}\}\ \text{tr:}\$\{\text{trainname}\}\ \text{k:9 N:}\$\{\text{N1}\}-\$\{\text{N2}\}\ \text{m:}\$\{\text{method}\}\ \text{T:}\$\{\text{T}\}\ \text{tt:}\$\{\text{t0}\}\text{:}\$\{\text{L1}\}$ vowelrecog te:\${testname} tr:\${trainname} k:9 N:\${N1}-\${N2} m:\${method} T:\${T} tt:\${t0}:\${t1}:\${t2} 20099 vowelrecog te:\${testname} tr:\${trainname} k:9 N:\${NI}-\${N2} m:\${method} T:\${T} tt:\${t0}:\${t1}:\${t2}:\${t2}:\${t3} for t2 in 1000 2000 3000 4000 5000 6000 7000 8000 ; do echo "vowelrecog te:\${testname} tr:\${trainname} k:9 N:\${N1}-\${N2} m:\${method} T:\${T} tt:\${t0}:\${t1} :s(t2):s(t3): 2013 -cho i vowelrecog te:\$(testname) tr:\$(trainname) k:9 N:\$(N1)-\$(N2) m:\$(method) T:\$(T) tt:\$(t0):\$(L1):\$(L2):\$(L2):\$(L2):\$(L2):\$(L2):\$(L2):\$(L2):\$(L2):\$(L3):4(L2): vowelrecog te:\${testname} tr:\${trainname} k:9 N:\${N1}-\${N2} m:\${method} T:\${T} tt:\${t0}:\${t1}:\${t2} vowelrecog te:\${testname} tr:\${trainname} k:9 N:\${N1}-\${N2} m:\${method} T:\${T} tt:\${t0}:\${t1}:\${t2} #different options for more convenient
tt:<t0>:<t1>:<t2>:<t2>:<t3>: [<t0>,<t0>.<t0>+<t1>] for training, [<t2>,<t2>+<t3>] for test export T=100 N1=1 method=poles4 t0=1000 t1=4000 t2=1000 t3=4000; export N2=\${N1} # export T=100 N1=1 method=poles4 t0=1000 t1=1000 t2=1000 t3=1000; export N2=\${N1} # export T=100 N1=1 method=poles4 t0=1000 t1=4000 t2=1000 t3=4000; export N2=\${N1} # (1) norm_poles.cで、半径が rj>1.0 || rj<0.35 の極は評価しないようにした。 (2) 200ms (tl=t2=1600) trainname=kitayama:nechi:ryotarou:shingo:takemura:tomisaki:yusuke for t2 in 1000 2000 3000 4000 5000 6000 7000 8000 ; do distance of poles distance of shrinked poles distance of Associative Matirices for testname in fuchi; do for testname in fuchi ; do for t2 in 1000; do DISP:0 >/dev/null DISP:0 >/dev/null DISP:0 >/dev/null 20084 for testname=kita.
20085 tranname=kita.
20086 for t2 in 1000
20087 ebn "vowelrecc"
\${t2} :\${t3} DISE:0'
20089 vowelreccg te::;
\${t3} posts:0 vowelreccg done
20089 done 20096 trainname=egut 20097 for t2 in 1000 20098 echo "vowelrec \${t2}:\${t3} DISP:0" 20099 vowelrecog te:

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m:poles4N1-1.#rj>0&& m:poles4N1-1.#rj>0&& #soso les4N1-1.#
les4N1-1.#
les4N1-1.#
les4N1-1.#
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les4N1-1.#
les4N1-1.#
les4N1-1.# m ipoles4NII-m mipoles4NII-m mipoles4NIIm ipoles4NIm ipoles4M1 m ipoles4M1 \(\) via \(\cdot \) \(\cd via (5/5) (5/5) (5/5) (5/5) (4/5) (4/5) (2/2) (5/5) (5/5) (5/5) (5/5) (5/5) (2/2) (5/5) (5/5) (5/5) (5/5) (5/5) (5/5) is trieguti-aiueo-t1000+2000 (5 is trieguti-aiueo-t1000+2000 (4 is trieguti-aiueo-t1000+2000 (5 is trieguti-aiueo-t1000+2000 (is tr:eguti-aiueo-t1000+3000 (5 as tr:sawa-aiuea-t1000+3000 (4 as tr:sawa-aiuea-t1000+3000 (5 as tr:sawa-aiueo-t1000+3000 (5 as tr:sawa-aiueo-t1000+300 is trieguti-aiuco-t1000+8000 (5 st trisawa-aiuco-t1000+8000 (5 st trisawa-aiuco-t1000+8 tr:eguti-aiueo-t1000+8000 tr:eguti-aiueo-t1000+2000 e recognized as tr recognized as tr recognized as tr recognized as tr re recognized as tr e recognized as tr e recognized as ti recognized as trecognized as trecogn recognized as tr នួ g are recognized a are recognized a are recognized a are recognized a are recognized are recognized a recognized associative are riare 1 are 1 are 1 are 1 are 2 are #te:sawa-aiueo-t4000+3000 are #te:sawa-aiueo-t5000+3000 are #te:sawa-aiueo-t5000+3000 are #te:sawa-aiueo-t7000+3000 are #te:sawa-aiueo-t2000+3000 are #te:sawa-aiueo-t2000+3000 are #te:eguti-aiueo-t2000+3000 are #te:eguti-aiueo-t4000+3000 are #te:eguti-aiueo-t4000+3000 are #te:eguti-aiueo-t5000+3000 are #te:eguti-aiueo-t5000+3000 are #te:eguti-aiueo-t5000+3000 are #te:eguti-aiueo-t5000+3000 are #te:eguti-aiueo-t7000+3000 are 0good, but 8000 is big #te:sawa-aineo-t2000+8000 are #te:sawa-aineo-t3000+8000 are #te:sawa-aineo-t5000+8000 are #te:sawa-aineo-t5000+8000 are #te:sawa-aineo-t5000+8000 are #te:sawa-aineo-t5000+8000 are #te:sawa-aineo-t2000+8000 are #te:sawa-aineo-t2000+8000 are #te:eguti-aineo-t2000+8000 are #te:eguti-aineo-t2000+8000 are #te:eguti-aineo-t5000+8000 are #te:sawa-aiueo-t2000+2000 are #te:sawa-aiueo-t4000+2000 are #te:sawa-aiueo-t4000+2000 are #te:sawa-aiueo-t5000+2000 are #te:sawa-aiueo-t7000+2000 are #te:sawa-aiueo-t2000+2000 are #te:sawa-aiueo-t2000+2000 are #te:sawa-aiueo-t2000+2000 are #te:eguti_aiueo-t4000+2000 ax #te:eguti_aiueo-t5000+2000 ax #te:eguti_aiueo-t5000+2000 ax #te:eguti_aiueo-t7000+2000 ax #te:eguti_aiueo-t7000+2000 ax #te:eguti-aiueo-t3000+2000 :sawa-aiueo-t1000+8000 . but 8000 is big #te:sawa-aiueo-t1000+2000 20225
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a m:M4N1-1.#5
i m:M4N1-1.#
i m:M4N1-1.# , (4/5) · , (5/5) , (5/5) (5/5) associative matrix with N=1

10.00 are recognized as tr:eguti-aiuec-L1000+4000 (45)

10.01 are recognized as tr:eguti-aiuec-L1000+4000 (55)

10.02 are recognized as tr:eguti-aiuec-L1000+4000 (55)

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10.03 are recognized as tr:eguti-aiuec-L1000+4000 (55)

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10.04 are recognized as tr:eguti-aiuec-L1000+4000 (55)

10.00 are recognized as tr:eguti-aiuec-L1000+4000 (55)

10.00 are recognized as tr:eguti-aiuec-L1000+4000 (55)

10.00 are recognized as tr:sawa-aiuec-L1000+4000 (45)

10.00 are recognized as tr:sawa-aiuec-L1000+4000 (45) (4) #### recognition using associ ###e:sawa-aiueo-t2000+4000 are #te:sawa-aiueo-t2000+4000 are #te:sawa-aiueo-t2000+4000 are #te:sawa-aiueo-t5000+4000 are #te:sawa-aiueo-t5000+4000 are #te:sawa-aiueo-t2000+4000 are #te:sawa-aiueo-t2000+4000 are #te:sawa-aiueo-t2000+4000 are #te:equti-aiueo-t2000+4000 are m:M4N1-1.#soso?? a m:M4N1-1.#
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m:M4N1-1.# m:M4N1-1. m:M4N1-1. via via via via via via via via via (4/5) is trieguti-uiteo-t1000-1000 (8 trieguti-aiueo-t1000-1000 (5 strieguti-aiueo-t1000-1000 (5 strie tr:sawa-alueo-t1000+1000 tr:sawa-alaeo-t1000+1000 tr:sawa-alaeo-t1000+1000 eguti-uiueo-t1000+1000 recognized as trecognized as trecogn tr: ន are recognized a recognized are are are ##: sawa_ainco_t2000+1000 arr ##: sawa_ainco_t2000+1000 are ##: sawa_ainco_t4000+1000 are ##: sawa_ainco_t5000+1000 are ##: sawa_ainco_t7000+1000 are ##: sawa_ainco_t7000+1000 are ##: sawa_ainco_t7000+1000 are ##: eguti_ainco_t1000+1000 are ##: eguti_ainco_t1000+1000 are :eguti-aiueo-t5000+1000 sawa-aiueo-t1000+1000

#te:sawa-aiueo-t5000+4000 are recognized as tr:eguti-aeueo-t1000+4000 (4/5) via m:poles4N1-1.# #te:sawa-aiueo-t6000+4000 are recognized as tr:eguti-aeueo-t1000+4000 (4/5) via m:poles4N1-1.# #te:sawa-aiueo-t7000+4000 are recognized as tr:eguti-aeueo-t1000+4000 (4/5) via m:poles4N1-1.# #te:sawa-aiueo-t8000+4000 are recognized as tr:eguti-aeueo-t1000+4000 (4/5) via m:poles4N1-1.# #te:eguti-aiueo-t2000+4000 are recognized as tr:sawa-aiueo-t1000+4000 (5/5) via m:poles4N1-1.# #te:eguti-aiueo-t2000+4000 are recognized as tr:sawa-aiueo-t1000+4000 (5/5) via m:poles4N1-1.# #te:eguti-aiueo-t5000+4000 are recognized as tr:sawa-aiueo-t1000+4000 (5/5) via m:poles4N1-1.# #te:eguti-aiueo-t5000+4000 are recognized as tr:sawa-aiueo-t1000+4000 (5/5) via m:poles4N1-1.# #te:eguti-aiueo-t6000+4000 are recognized as tr:sawa-aiueo-t1000+4000 (5/5) via m:poles4N1-1.# #te:eguti-aiueo-t6000+4000 are recognized as tr:sawa-aiueo-t1000+4000 (5/5) via m:poles4N1-1.# #te:eguti-aiueo-t0000+4000 are recognized as tr:sawa-aiueo-t1000+4000 (5/5) via m:poles4N1-1.# #te:eguti-aiueo-t8000+4000 are recognized as tr:sawa-aiueo-t1000+4000 (5/5) via m:poles4N1-1.# #te:eguti-aiueo-t8000+4000 are recognized as tr:sawa-aiueo-t1000+4000 (4/5) via m:poles4N1-1.#	te:sawa-aiueo-t1000+7000 are recognized as tr:eguti-aiueo-t1000+7000 (5/5) te:sawa-aiueo-t2000+7000 are recognized as tr:eguti-aiueo-t1000+7000 (5/5) te:sawa-aiueo-t3000+7000 are recognized as tr:eguti-aiueo-t1000+7000 (5/5) te:sawa-aiueo-t4000+7000 are recognized as tr:eguti-aiueo-t1000+7000 (5/5) te:sawa-aiueo-t5000+7000 are recognized as tr:eguti-aiueo-t1000+7000 (5/5) te:sawa-aiueo-t7000+7000 are recognized as tr:eguti-aiueo-t1000+7000 (5/5) te:sawa-aiueo-t7000+7000 are recognized as tr:eguti-aiueo-t1000+7000 (5/5) te:sawa-aiueo-t2000+7000 are recognized as tr:squi-aeueo-t1000+7000 (5/5) te:eguti-aiueo-t2000+7000 are recognized as tr:squi-aeueo-t1000+7000 (5/5) te:eguti-aiueo-t2000+7000 are recognized as tr:sawa-aiueo-t1000+7000 (5/5) te:eguti-aiueo-t2000+7000 are recognized as tr:sawa-aiueo-t1000+7000 (5/5) te:eguti-aiueo-t4000+7000 are recognized as tr:sawa-aiueo-t1000+7000 (5/5) te:eguti-aiueo-t4000+7	te:eguti-alueo-t8000+7000 are recognized as tr:sawa-ulueo-t1000+7000 (4/5) via te:sawa-alueo-t1000+8000 are recognized as tr:sguti-alueo-t1000+8000 (5/5) via te:sawa-alueo-t2000+8000 are recognized as tr:sguti-alueo-t1000+8000 (5/5) via te:sawa-alueo-t2000+8000 are recognized as tr:sguti-alueo-t1000+8000 (5/5) via te:sawa-alueo-t5000+8000 are recognized as tr:sguti-alueo-t1000+8000 (5/5) via te:sawa-alueo-t5000+8000 are recognized as tr:sguti-alueo-t1000+8000 (5/5) via te:sawa-alueo-t2000+8000 are recognized as tr:sguti-alueo-t1000+8000 (5/5) via te:sawa-alueo-t2000+8000 are recognized as tr:sguti-alueo-t1000+8000 (5/5) via te:sguti-alueo-t2000+8000 are recognized as tr:sawa-alueo-t1000+8000 (5/5) via te:sguti-alueo-t2000+8000 are recognized as tr:sawa-ulueo-t1000+8000 (5/5) via te:sguti-alueo-t2000+8000 (5/5) via	#te:sawa-aiueo-t1000+8000 are recognized as tr:eguti-aiaeo-t1000+8000 (4/5) via m:poles4N32-32.#rj>0 cal.0 deadueo-t2000+8000 are recognized as tr:eguti-aiaeo-t1000+800 (4/5) via m:poles4N32-32.# #te:sawa-aiueo-t3000+800 are recognized as tr:eguti-aiaeo-t1000+800 (4/5) via m:poles4N32-32.# #te:sawa-aiueo-t4000+800 are recognized as tr:eguti-aiaeo-t1000+800 (4/5) via m:poles4N32-32.# #te:sawa-aiueo-t6000+800 are recognized as tr:eguti-aiaeo-t1000+800 (4/5) via m:poles4N32-32.# #te:sawa-aiueo-t6000+800 are recognized as tr:eguti-aiaeo-t1000+800 (4/5) via m:poles4N32-32.# #te:sawa-aiueo-t6000+800 are recognized as tr:eguti-aiaeo-t1000+800 (4/5) via m:poles4N32-32.# #te:sawa-aiueo-t8000+800 are recognized as tr:sawa-aiueo-t1000+800 (4/5) via m:poles4N32-32.# #te:eguti-aiueo-t2000+800 are recognized as tr:sawa-aiueo-t1000+800 (5/5) via m:poles4N32-32.# #te:eguti-aiueo-t2000+800 are recognized as tr:sawa-aiueo-t1000+800 (5/5) via m:poles4N32-32.# #te:eguti-aiueo-t2000+800 are recognized as tr:sawa-aiueo-t1000+800 (5/5) via m:poles4N32-32.# #te:eguti-aiueo-t6000+800 are recognized as tr:sawa-aiueo-t1000+800 (5/5) via m:poles4N32-32.# #te:eguti-aiueo-t8000+800 are recognized as tr:sawa-aiueo-t1000+800 (5/5) via m:poles4N32-32.# #te:eguti-aiueo-t8000+800 are recognized as tr:sawa-aiueo-t1000+800 (8/5) via m:poles4N32-32.# #te:eguti-aiueo-t8000+800 are recognized as tr	20446 export T=100 NI=1 method=poles4 t0=1000 t1=1000 t2=1000 t3=1000; export N2=\${NI} # 20448 if ["\${testname in sawa eguti; do a0.0448 if ["\${testname}" = "sawa"]; then trainname=eguti; elif ["\${testname}" = "eguti"]; then trainname=sawa if ["\${testname}" = "eguti"]; then trainname=sawa if ["\${testname}" = "eguti"]; then trainname=sawa if ["\${testname}" = "eguti"]; then trainname 20449 for t2 in 1000 2000 3000 4000 5000 6000 7000 8000; do 20450 echo "vowelrecog te:\${testname} tr:\${trainname} k:9 N:\${NI}-\${N2} m:\${method} T:\${T} tt:\${t0}:\${t1}:\${t2}:\${t2}:\${t3}>dev/null vowelrecog te:\${testname} tr:dy-\${trainname} k:9 N:\${NI}-\${N2} m:\${method} T:\${T} tt:\${t0}:\${t1}:\${t0}:\${t1}:\${t2}:\${t3}>dev/null vowelrecog te:dy-\${testname} tr:dy-\${trainname} k:9 N:\${NI}-\${N2} m:\${method} T:\${T} tt:\${t1}:\${t1}:\${t2}:\${t3}:done 20451 done 20451 done 20451 done 20451 done 20452 fill to 20452 done 20453 done 20453 done 20454 done 20455 fill to 20452 done 20455 fill to 20455 f
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	204110 204110 2041110 2041412 2041413 2041413 2041413 2041413 2041413 20424 20424 20	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	20445 20447 20447 20449 20449 20459 20452 20452 20452 20455 20455 20455
te:eguti-aiueo-t7000+1000 are recognized as tr:sawa-aeaeo-t1000+1000 (3/5) via m:M4N1-1.# ### recognition using distance of poles with N=1 ### recognition using distance of poles with N=1 te:sawa-aiueo-t1000+8000 are recognized as tr:eguti-aiaeo-t1000+8000 (4/5) via m:poles4N32-32. ### recognition using distance of poles with N=1 te:sawa-aiueo-t2000+8000 are recognized as tr:eguti-aiaeo-t1000+8000 (4/5) via m:poles4N32-32. ### recognized as tr:eguti-aiaeo-t1000+8000 (4/5) via m:poles4N32-32.	The seguti-aiueo-t1000+8000 are recognized as trisqui-aaso-t1000+8000 (4/5) via mipoles4M32-32. The seguti-aiueo-t1000+8000 are recognized as trisawa-aiueo-t1000+8000 (5/5) via mipoles4M32-32. The seguti-aiueo-t2000+8000 are recognized as trisawa-aiueo-t1000+8000 (5/5) via mipoles4M32-32. The seguti-aiueo-t2000+8000 are recognized as trisawa-aiueo-t1000+8000 (5/5) via mipoles4M32-32. The seguti-aiueo-t5000+8000 are recognized as trisawa-aiueo-t1000+8000 (5/5) via mipoles4M32-32. The seguti-aiueo-t5000+8000 are recognized as trisawa-aiueo-t1000+8000 (5/5) via mipoles4M32-32. The seguti-aiueo-t7000+8000 are recognized as trisawa-aiueo-t1000+8000 (5/5) via mipoles4M32-32. The seguti-aiueo-t7000+8000 are recognized as trisawa-aiueo-t1000+8000 (5/5) via mipoles4M32-32. The seguti-aiueo-t2000+4000 are recognized as trisawa-aiueo-t1000+8000 (5/5) via mipoles4M32-32. The seguti-aiueo-t4000+4000 are recognized as trisqui-aiueo-t1000+4000 (5/5) via mipoles4M32-32. The seguti-aiueo-t2000+4000 are recognized as trisqui-aiueo-t1000+4000 (5/5) via mipoles4M32-32. The seguti-aiueo-t5000+4000 are recognized as trisqui-aiueo-t1000+4	the isawa-aiueo-t800044000 are recognized as trisqui-aiaeo-t10004400 (4/5) via the isawa-aiueo-t800044000 are recognized as trisawa-aiueo-t8000400 (4/5) via tris-isqui-aiueo-t800044000 are recognized as trisawa-aiueo-t80004000 (4/5) via tris-isqui-aiueo-t200044000 are recognized as trisawa-aiueo-t10004000 (5/5) via tris-isqui-aiueo-t200044000 are recognized as trisawa-aiueo-t10004000 (5/5) via tris-isqui-aiueo-t500044000 are recognized as trisawa-aiueo-t10004000 (5/5) via tris-isqui-aiueo-t60004000 are recognized as trisawa-aiueo-t10004000 (5/5) via tris-isqui-aiueo-t60004000 are recognized as trisawa-aiueo-t10004000 (5/5) via tris-isqui-aiueo-t800044000 are recognized as trisawa-aiueo-t10004000 (5/5) via tris-iswa-aiueo-t80004000 are recognized as trisawa-aiueo-t10004000 (5/5) via tris-iswa-aiueo-t800041000 are recognized as trisqui-aiueo-t100041000 (5/5) via tris-iswa-aiueo-t800041000 are recognized as trisqui-aeue-t100041000 (5/5) via	>	te:sawa-aiueo-t2000+2000 are recognized as tr:saguti-aeueo-t1000+2000 (4/5) te:seguti-aiueo-t1000+2000 are recognized as tr:sawa-aiueo-t1000+2000 (4/5) te:seguti-aiueo-t2000+2000 are recognized as tr:sawa-aiueo-t1000+2000 (4/5) te:seguti-aiueo-t2000+2000 are recognized as tr:sawa-aiueo-t1000+2000 (5/5) te:seguti-aiueo-t4000+2000 are recognized as tr:sawa-aiueo-t1000+2000 (5/5) te:seguti-aiueo-t6000+2000 are recognized as tr:sawa-aiueo-t1000+2000 (4/5) te:seguti-aiueo-t000+2000 are recognized as tr:sawa-uiueo-t1000+2000 (4/5) te:seguti-aiueo-t000+2000 are recognized as tr:sawa-uiueo-t1000+2000 (4/5) te:seguti-aiueo-t1000+2000 are recognized as tr:sawa-uiueo-t1000+2000 (4/5) te:sawa-aiueo-t1000+4000 are recognized as tr:sawa-uiueo-t1000+4000 (4/5) te:sawa-aiueo-t1000+4000 are recognized as tr:sawa-aiueo-t1000+4000 (4/5) te:sawa-aiueo-t2000+4000 are recognized as tr:seguti-aiueo-t1000+4000 (4/5) te:sawa-aiueo-t4000+4000 are recognized as tr:seguti-aiueo-t1000+4000 (4/5) te:sawa-aiueo-t4000+4000 are recognized as tr:seguti-aeueo-t1000+4000 (4/5) te:sawa-aiueo-t4000+4000 are recognized as tr:seguti-aeueo-t1000+4000 (4/5) te:sawa-aiueo-t4000+4000 are recognized as tr:seguti-aeueo-t1000+4000 (4/5) te:sawa-aiueo-t4000+4000 (4/5)

20382	as tr:eguti-aeueo-t1000+4000 (4/5) via
20383	as tr:eguti-aeueo-t1000+4000 (as tr:eguti-aeueo-t1000+4000 (
20385	#te:sawa-aiueo-t8000+4000 are recognized as tr:eguti-aeueo-t1000+4000 (4/5) via m:poles4N1-1.# #te:emnti-aiueo-t1000+4000 are recognized as tr:sawa-aiueo-t1000+4000 (5/5) via m:noles4N1-1 #
20387	as tr:sawa-aiueo-t1000+4000 (5/5) via
20388	are recognized as tr:sawa-alueo-t1000+4000 (5/5) via
20389	#TE:egit1.=alueo-T40U0+40U0 zr Pecognized as Er:sawa=alueo-ElU00+40U0 (5/5) Via m:poles4ALI# ##Fe:egit1.=alueo-T50U0+40U0 zr Pecognized as Fr:sawa=alueo-ElU00+40U0 (5/5) Via m:poles4ALI#
20391	are recognized as tr:sawa-aiueo-t1000+4000 (5/5) via
20392	are recognized as tr:sawa-uiueo-t1000+4000 (4/5) via
20394	#re-eguti-aiueo-cauou+4000 are recognizea as (r.sawa-uiueo-troou+4000 (4/5) Via M:Poles4Ni-l.#
20395	#te:sawa-aiueo-t1000+7000 are recognized as tr:eguti-aiueo-t1000+7000 (5/5) via m:poles4N1-1.#rj>0.5
&&rj<=1	
20396	are recognized as tr:eguti-aiueo-t1000+7000 (5/5) via
20397	#TE:SRWA-BLOG13/UOL/VUU are recognized as trieguizing. #Te:SRWA-bloch-40/UOL/VUU are recognized as trieguizing.
20399	are recognized as tr:equti-aiueo-t1000+7000 (5/5) via
20400	are recognized as tr:eguti-aiueo-t1000+7000 (5/5) via
20401	as tr:eguti-aeueo-t1000+7000 (4/5) via
20402	as tr:eguti-aeueo-t1000+7000 (4/5) via
20403	are recognized as tr:sawa-aiueo-t1000+7000 (5/5) via
20404	as tr.sawa-alueo-tlouu+/000 (
20405	are recognized as trisawa-aiueo-tiooo+7000 (3/3) via
20407	are recognized as tr:sawa-aiueo-t1000+7000 (5/5) via
20408	are recognized as tr:sawa-aiueo-t1000+7000 (5/5) via
20409	are recognized as tr:sawa-uiueo-t1000+7000 (4/5) via
20410	#te:eguti-aiueo-t8000+7000 are recognized as tr:sawa-uiueo-t1000+7000 (4/5) via m:poles4N1-1.#
20411	
20412 5.5.r.i<=1	fre:sawa-alueo-tluuu+8000 are recognized as tr:eguti-alueo-tluuu+8000 (5/5) Via m:poles4Ni-l.#rj>u.5
20413	 The same aimen + 2000+8000 are recognized as triedmitianies (F.F.) via minnles401 - #
20414	are recognized as tr:equti-alueo-t1000+8000 (5/5) via
20415	are recognized as tr:eguti-aiueo-t1000+8000 (5/5) via
20416	are recognized as tr:eguti-aiueo-t1000+8000 (5/5) via
20417	are recognized as tr:eguti-aiueo-t1000+8000 (5/5) via
20418	as tr:eguti-aiueo-t1000+8000 (5/5) via m:poles4N1-1.
20419	as tr:eguti-aiueo-t1000+8000 (5/5) via
20420	are recognized as tr:sawa-aiueo-t1000+8000 (5/5) via
2042I	are recognized as tr:sawa-alueo-tluuu+8000 (5/5) via
20422	#TE:eguti_alueo1900/48010
20424	are recognized as tr:sawa-aiueo-t1000+8000 (5/5) via
20425	are recognized as tr:sawa-aiueo-t1000+8000 (5/5) via
20426	are recognized as tr:sawa-uiueo-t1000+8000 (4/5) via
20427	#te:eguti-aiueo-t8000+8000 are recognized as tr:sawa-uiueo-t1000+8000 (4/5) via m:poles4N1-1.#
20429	#te:sawa-aiueo-t1000+8000 are recognized as tr:equti-aiaeo-t1000+8000 (4/5) via m:poles4N32-32.#ri>0

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#rj>0 #rj>0 m:poles4N32-32.#rj>0 m:poles4N32-32.#rj>0 #rj>1 les4N32-32.#rj>0 m:poles4N32-32.#rj>0 m:poles4N32-32.#rj>0 m:poles4N32-32.#rj>0 m:poles4N32-32.#rj>1 a m:poles4N32-32.#
a m:poles4N32-32.# a m:poles4N32-32.# a m:poles4N32-32.# a m:poles4N32-32.# :poles4N32-32.# :directNl-1.# :directNl-1.# :directNl-1.# m:poles4N32-32. m:poles4N32-32. m:poles4N32-32. les4N32-32. m:poles4N32-32. m:poles4N32m:poles4N32m:poles4N32po] [od:m E E E E E E via via via via via via via via dia dia via (3/5) (4/5) (5/5) (2/5) (4/5) (4/5) (4/5) (4/2) (2/2) (2/2) (4/5) (4/5) (3/2) (2/2) (3/2) (3/2)(3/2) s trieguti-aiaeo-t6000+1000 (4 s trieguti-aiaeo-t6000+1000 (4 s trieguti-aiaeo-t7000+1000 (4 s trieguti-aiaeo-t7000+1000 (4 s trieguti-aiaeo-t7000+1000 (4 s trieguti-aiaeo-t8000+1000 (5 rr:eguti-aiueo-t1000+4000 tr:sawa-uiueo-t1000+4000 tr:sawa-uiueo-t1000+4000 tr:sawa-uiueo-t1000+4000 tr:eguti-aiaeo-t8000+1000 tr:eguti-aiueo-t8000+1000 tr:eguti-aaaoo-t8000+1000 tr:eguti-aiooo-t1000+4000 tr:eguti-aiaoo-t1000+4000 tr:eguti-oioeo-t4000+1000 tr:eguti-aioeo-t4000+1000 :eguti-aeuoo-t3000+1000 eguti-aeioo-t3000+1000 eguti-aiaeo-t1000+4000 eguti-aiueo-t1000+1000 eguti-aiueo-t1000+1000 eguti-aiueo-t1000+1000 eguti-aiooo-t2000+1000 t2000+1000 £2000+1000 tr:eguti-aiieo-t3000+1000 eguti-aiueo-t3000+1000 eguti-aiueo-t3000+1000 $\operatorname{tr}:\operatorname{eguti-oioeo-t4000+1000}$ eguti-aiaeo-t5000+1000 tr:eguti-aiaeo-t5000+1000 eguti-aiaeo-t5000+1000 tr:eguti-aeuoo-t3000+1000 tr:eguti-aiooo-t2000+1000 £2000+1000 eguti-aiooo-t2000+1000 eguti-aiueo-t1000+1000 tr:eguti-aiueo-t1000+1000 eguti-aiueo-t1000+1000 tr:sawa-aiueo-t1000+1000 tr:eguti-aiuootr: tr: t, tr 8 8 8 8 8 8 а 8 ສຸ а 8 8 as g as 8 8 as а 8 as ลูล g as as as as as as as as g g g g as as as 8 as as recognized a recognized are ...weo-t1000+4000 a ...weo-t1000+4000 a ...weo-t2000+4000 are.5&&ri<=1.0 20559 #te:sawa-aiueo-t3000-/~ 20560 #te. 20538 #te:sawa-aiueo-t300044000 ar. 20539 #te:eguti-aiueo-t200044000 al. 20540 #te:eguti-aiueo-t200044000 al. 20541 #te:eguti-aiueo-t300044000 al. 20543 #te:sawa-aiueo-t1000+1000 ar. 20544 #te:sawa-aiueo-t2000+1000 ar. 20545 #te:sawa-aiueo-t3000+1000 ar. 20548 #te:sawa-aiueo-t2000+4000 ar. 20548 #te:sawa-aiueo-t2000+4000 ar. 20548 #te:sawa-aiueo-t2000+4000 ar. 20549 #te:sawa-aiueo-t2000+4000 ar. 20549 #te:sawa-aiueo-t2000+4000 ar. 20549 #te:sawa-aiueo-t2000+4000 ar. 20549 #te:sawa-aiueo-t2000+4000 ar. 20551 #16.30ava-aiueo-t200044000 arr. 56x27-1.0
55x27-1.0
55x27-1.0
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55x2 0 | | rj60.35 also <0.5 20585 #te:sawa-aiueo-t2000+4000 ar 0 | | rj60.35 also <0.5 20586 #te:sawa-aiueo-t3000+4000 ar 0 | rj70.35 also <0.5 20587 #te:eguti-aiueo-t1000+4000 a 0 | rj60.35 also <0.5 #te:eguti-aiueo-t2000+4000 #te:eguti-aiueo-t2000+4000 #te:eguti-aiueo-t3000+4000 #te:eguti-aiueo-t1000+4000 :sawa-aiueo-t1000+4000 sawa-aiueo-t3000+4000 #te:sawa-aiueo-t1000+4000 1.0ri>0.1&&ri<=1 #te:sawa-aiueo-t2000+4000 =1.0ri>0.1&&ri<=1 #te:sawa-aiueo-t3000+4000 =1.0ri>0.1&&ri<=1 #te:sawa-aiueo-t1000+4000 #te:sawa-aiueo-t2000+4000 5&&rj<=1.0ri>0.1&&ri<=1 20581 #te:sawa-aiueo-t2 .5&&rj<=1.0 20553 #th 20551 #te:s .5&&rj<=1.0 20552 #te:s 5&&rj<=1.0 20554 #te:s 5&&rj<=1.0 20556 #te:s .5&&rj<=1.0 20557 #te:s 5&&rj<=1.0 20561 #te: 5&&rj<=1.0 5&&rj<=1.0 .5&&rj<=1.0 .5&&rj<=1.0 20578 #te .5&&rj<=1.0 20579 #te .5&&rj<=1.0 20550

m:poles4N32-32.#rj>0 via (2/2) eguti-oeuoo-t1000+4000 g recognized are #te:sawa-aiueo-t1000+4000 20590

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recognized

are

j<0.35 also <0.5 #te:eguti-aiueo-00

rj<0.35 also rj<0.35 also

0 || rj 20588 20589 20589 .0 || r.

 $||x_j||$

rj<0.35

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0 | | riso.50also co.35

20601 | #te-eguti-auce-t2000+4000 are recognized as tr:sawa-aiueo-t1000+4000 (5/5) via m:poles4N32-32.#rj>1

20602 | #te-eguti-aiueo-t3000+4000 are recognized as tr:sawa-aiueo-t1000+4000 (5/5) via m:poles4N32-32.#rj>1

20603 | #te-isawa-aiueo-t3000+4000 are recognized as tr:eguti-aiaeo-t1000+4000 (4/5) via m:poles4N32-32.#rj>1

20603 | #te-isawa-aiueo-t2000+4000 are recognized as tr:eguti-aiaeo-t1000+4000 (4/5) via m:poles4N32-32.#rj>1

20603 | #te-isawa-aiueo-t2000+4000 are recognized as tr:eguti-aiaeo-t1000+4000 (4/5) via m:poles4N32-32.#rj>1

0 | | riso.50

20605 | #te-isawa-aiueo-t3000+4000 are recognized as tr:eguti-aiaeo-t1000+4000 (4/5) via m:poles4N32-32.#rj>1

20605 | #te-isawa-aiueo-t3000+4000 are recognized as tr:eguti-aiaeo-t1000+4000 (4/5) via m:poles4N32-32.#rj>1

20606 | #te-isawa-aiueo-t3000+4000 are recognized as tr:eguti-aiaeo-t1000+4000 (4/5) via m:poles4N32-32.#rj>1

20606 | #te-isawa-aiueo-t3000+4000 are recognized as tr:eguti-aiaeo-t1000+4000 (4/5) via m:poles4N32-32.#rj>1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0 | 1 x150.50

0 | 1 x150.50

10 | 1 x150.50
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20629 #te:eguti-aiueo-t2000+1000 are recognized as tr:sawa-aiueo-t1000+1000 (5/5) via m:poles4N32-32.#rj>1

20630 #te:eguti-aiueo-t3000+1000 are recognized as tr:sawa-aauuo-t1000+1000 (3/5) via m:poles4N32-32.#rj>1

20630 #te:eguti-aiueo-t3000+1000 are recognized as tr:sawa-aauuo-t1000+1000 (3/5) via m:poles4N32-32.#rj>1

0 || rj<0.35
                                              via m:poles4N32-32.#rj>0
                                                                                                                       #te:sawa-aiueo-t3000+4000 are recognized as tr:eguti-aeaeo-t1000+4000 (3/5) via m:poles4N32-32.#rj>0
                                                                                                                                                                                                 #te:eguti-aiueo-t1000+4000 are recognized as tr:sawa-aiueo-t1000+4000 (5/5) via m:poles4N32-32.#rj>0
                                                                                                                                                                                                                                                                                (5/5) via m:poles4N32-32.#rj>0
                                                                                                                                                                                                                                                                                                                                                          #te:eguti-aiueo-t3000+4000 are recognized as tr:sawa-aiueo-t1000+4000 (5/5) via m:poles4N32-32.#rj>0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           #te:eguti-aiueo-t1000+4000 are recognized as tr:sawa-aiueo-t1000+4000 (5/5) via m:poles4N32-32.#rj>1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              #te:sawa-aiueo-t1000+4000 are recognized as tr:eguti-aiaoo-t1000+4000 (3/5) via m:poles4N32-32.#rj>1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 (5/5) via m:poles4N32-32.#rj>1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           via m:poles4N32-32.#rj>1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           #te:sawa-aiueo-t2000+1000 are recognized as tr:eguti-aiueo-t1000+1000 (5/5) via m:poles4N32-32.#rj>1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          #te:sawa-aiueo-t3000+1000 are recognized as tr:eguti-aiueo-t1000+1000 (5/5) via m:poles4N32-32.#rj>1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      #te:sawa-aiueo-t3000+4000 are recognized as tr:eguti-aiaeo-t1000+4000 (4/5) via m:poles4N32-32.#rj>1
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#te:eguti-aiueo-2000+1000 are recognized as tr:sawa-aioeo-t1000+1000 (4/5) via m:poles4N40-40.#
#te:eguti-aiueo-33000+1000 are recognized as tr:sawa-aiueo-t1000+1000 (5/5) via m:poles4N40-40.#
                       20592 #te:sawa-aiueo-t2000+4000 are recognized as tr:eguti-aeueo-t1000+4000 (4/5)
5&&rj<=1.0ri>0.5&&ri<=1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           (2/2)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                --> egutiの1000+2000から変なデータが入っている?
                                                                                                                                                                                                                                  5&&rj<=1.0ri>0.5&&ri<=1
20595 #te:eguti-aiueo-t
                                                                                                                                                                                                                                                                                                                         5&&rj<=1.0ri>0.5&&ri<=1
                                                                                                                                                        5&&rj<=1.0ri>0.5&&ri<=1
                                                                                                                                                                                                                                                                                                                                                                                              5&&rj<=1.0ri>0.5&&ri<=1
20597
5&&rj<=1.0ri>0.5&&ri<=1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0 | | rj<0.35
20608 #te:saw
0 | rj<0.35
20609 #te:saw
0 | rj<0.35
20610 --> egu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      rj<0.35
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eadmecan2mspeech.txt Jun 19 2021 08:15:37

#te:sawa-aiueo-t1000+1500 are recognized as tr:eguti-eiuee-t1000+1500 via m:poles4N1-1.#NG3if(rj>1 #te:sawa-aiueo-t1000+1500 are recognized as tr:eguti-aiuee-t1000+1500 (4/5) via m:poles4N1-1.#rj>1.0 #te:sawa-aiueo-t2000+1500 are recognized as tx:eguti-aiueo-t1000+1500 (5/5) via m:poles4N1-1.#xj>1.0 #te:sawa-aiueo-t3000+1500 are recognized as tr:eguti-aiueo-t1000+1500 (5/5) via m:poles4N1-1.#rj>1.0 export T=100 N1=1 method=poles4 t0=1000 t1=1500 t2=1000 t3=1500; export N2=\${N1} # if to telestname in equity id of #for testname in sawa if the trainment of the trainment is then trainment if the trainment is the trainment if the trainment if the trainment is the trainment in the trainment in the trainment is the trainment in the trainment in the trainment is the trainment in :8(t2):8(t3)"

05053 echon | vowelrecog te:8(testname) tr:8(trainname) k:9 N:5(N1)-5(N2) m:8(method) T:8(T) tr:8(T0):8(t2):8(t3):8(t3):8(t3):8(t3):8(t3):8(t3) #te:eguti-aiueo-t1000+1500 are recognized as tr:sawa-aiueo-t1000+1500 via m:poles4N1-1.#OKif(rj>1 | for testname in sawa eguti ; do
if ["\${testname}" = "sawa"] ; then trainname=eguti ;elif ["\${testname}" = "eguti"] ; then trainn 10707 echo n | vowelrecog te:\${testname} tr:\${trainname} k:9 N:\${N1}-\${N2} m:\${method} T:\${T} tt:\${t0} are recognized as tr:eguti-aiaeo-t1000+1600 (4/5) via m:poles4N32-32.#rj>1 tr:\${trainname} k:9 N:\${N1}-\${N2} m:\${method} T:\${T} tt:\${t0}:\${t1} #te:sawa-aiueo-t3000+1600 are recognized as tr:eguti-aiaeo-t1000+1600 (4/5) via m:poles4N32-32.#rj>1 tr:\${trainname} k:9 N:\${N1}-\${N2} m:\${method} T:\${T} tt:\${t0}:\${t1} #te:eguti-aiueo-t1000+1000 are recognized as tr:sawa-aiueo-t1000+1000 via m:poles4N32-32.#0X #te:eguti-aiueo-t2000+1000 are recognized as tr:sawa-aiueo-t1000+1000 via m:poles4N32-32.#0X #te:eguti-aiueo-t3000+1000 are recognized as tr:sawa-aauuo-t1000+1000 via m:poles4N32-32.#0X #tc:equti-aiuec-t1000+1500 are recognised as tr:sawa-aiuec-t1000+1500 via m:poles4N32-32 #0X #te:equti-aiuec-t2000+1500 are recognised as tr:sawa-aiuec-t1000+1500 via m:poles4N32-32 #0X #te:equti-aiuec-t3000+1500 are recognised as tr:sawa-aiuec-t1000+1500 via m:poles4N32-32.#0X #te:equti-aiuec-t3000+1500 are recognised as tr:sawa-aiuec-t1000+1500 via m:poles4N32-32.#0X #te:sawa-aiueo-t1000+1000 are recognized as tr:eguti-aiueo-t1000+1000 via m:poles4N32-32 #0X
#te:sawa-aiueo-t2000+1000 are recognized as tr:eguti-aiueo-t1000+1000 via m:poles4N32-32.#0X
#te:sawa-aiueo-t2000+1000 are recognized as tr:eguti-aiueo-t1000+1000 via m:poles4N32-32.#0X
#te:sawa-aiueo-t3000+1000 are recognized as tr:eguti-aiueo-t1000+1000 via m:poles4N32-32.#0X #te:eguti-alueo-t1000-1500 are recognized as tr:sawa-ulueo-t100041500 via m:poles4N1-1.#WG4 #te:eguti-alueo-t2000+1500 are recognized as tr:sawa-alueo-t100041500 via m:poles4N1-1.#WG4 #te:eguti-alueo-t2000+1500 are recognized as tr:sawa-alueo-t1000+1500 via m:poles4N1-1.#WG4 #te:eguti-alueo-23000+1500 are recognized as tr:sawa-alueo-t1000+1500 via m:poles4N1-1.#WG4 #te:sawa-aiueo-t100041500 are recognized as tr:eguti-aiuee-t100041500 via m:poles4N1-1.#0X #te:sawa-aiueo-t20004500 are recognized as tr:eguti-aiueo-t10041500 via m:poles4N1-1.#0X #te:sawa-aiueo-t200041500 via m:poles4N1-1.#0X #te:sawa-aiueo-t300041500 via m:poles4N1-1.#0X N2=\${N1} # N2=\${N1} # N2=\${N1} N2=\${N1} N2=\${N1} N2=\${N1} #te:sawa-alueo is recognized as tr:eguti-alueo via method=poles4.#0X expect #te:eguti-alueo is recognized as tr:sawa-alueo via method=poles4.#0X expect #T=100 NI=22 method=poles4 #0X #te:sawa-alueo is method=poles4 #0X #te:sawa-alueo is recognized as tr:eguti-alaeo via method=poles4.#NG4 expect #T=100 NI=22 method=poles4 #NG4 expect #T=100 NI=22 method=poles4 #NG4 expect #T=100 NI=22 method=poles4 #C=100 ti=1000 tb=3000 ts=2000; expect #te:sawa-alueo is recognized as tr:eguti-alueo via method=poles4.#0X Lessana-live is recognized as trieguti-alao via method=poles4.#NG4
##e.sana-live is recognized as trieguti-alao via method=poles4.#NG4
##e.sana-live is recognized as trieguti-alao export #te:eguti-aiueo is recognized as tr:sawa-aauuo via method=poles4 #NG3 export T=100 N1=1 method=poles4 t0=1000 t1=1000 t2=1000 t3=1000: export t=1000 t1=1000 t2=1000 t3=1000: export t=100 n1=100 n2=1000 t2=1000 t2=1000 t2=1000 t2=2000: export t=2000 t1=20 n0 t1=32 method=poles4 t0=1000 t1=2000 t2=1000 t3=2000: export #te:eguti-aiueo is recognized as tr:sawa-aiueo via method=poles4.#OK export #=100 NI=1 method=poles4 t0=1000 t1=1000 t2=1000 t3=1000; export #te:sawa-aiueo is recognized as tr:eguti-aiuee via method=poles4.#NG4 #te:eguti-aiueo is recognized as tr:sawa-aiueu via method=poles4.#NG4 #for testname in eguti ; do export T=100 N1=32 method=poles4 t0=1000 t1=1000 t2=1000 t3=1000; for t2 in 1000 2000 3000 ; do echo "vowelrecog te:\${testname} "vowelrecog te:\${testname} #te:sawa-aiueo-t2000+1600 rj<0.35 rj<0.35 ame=sawa ;fi 20706 echo ame=sawa ;fi rj<0.35 rj<0.35 rj<0.35 rj<0.5); 20673 rj<0.5); 20672 #t 20642 20648 20649 20651 20656 20657 20658 20659 200678 200678 200681 20 20660 20661 20662 20663 20664 20665 20666 20667 20669 20670 20671 20675 20646 20650 20652 20643 20645 20647 20654 20674 20677

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echo
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if [ "${testname}" = "sawa" ] ; then trainname=eguti ;elif [ "${testname}" = "eguti" ] ; then trainn
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2074 echo n | vowelrecog te:${testname} tr:${trainname} k:9 N:${NI}-${N2} m:${method} T:${T} tt:${t0}:${
20755 done
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#te:eguti-alueo is recognized as tr:sawa-alueo via method=poles4.#NG4
export T=100 NI=32 method=poles4 t0=1000 t1=1000 t2=3000 t3=2000; export N2=${\nl} #
#te:sawa-alueo is recognized as tr:eguti-alueo via method=poles4.#OK
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export T=100 Ni=1 method=direct to=1000 t=12000 t=32000 export N2=${N1} #
#te:sawa-aiueo is recognized as tr:eguti-aiueo via method=direct.#NG4
#te:sguti-aiueo is recognized as tr:sawa-uiueo via method=direct.#NG4
export T=100 Ni=1 method=direct to=1000 t=10100 t=22000 t=32000; export N2=${N1} #
#te:sawa-aiueo is recognized as tr:eguti-aiueo via method=direct.#NG4
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export T=100 NI=1 method-poles4 to=1000 t=10100 t=23000 t3=2000; export NZ=${NI} #
He:sawa-aiueo is recognized as tr:squti-aiueo via method-poles4.#OK
                                                                                                                                                               export T=100 NI=1 methodepoles4 t0=1000 t1=1000 t2=3000 t3=2000; export N2=${NI} #te:sawa-aiueo is recognized as tr:sguti-aiueo via method=poles4.# #te:eguti-aiueo is recognized as tr:sawa-aiueo via method=poles4.# #to:restname in eguti ; do
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export T=100 N1=1 method=poles4 t0=1000 t1=1000 t2=1000 t3=2000; export N2=\$\{N1\}
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#te:eguti-aiueo is recognized as tr:sawa-aeueu via method=M4,#N04
vowalzecog te:eguti tr:sawa ki9 N132-32 m;poles4 T:100 tc:1000:3000
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export T=100 N1=1 method=poles4 t0=1000 t1=1000 t2=1000 t3=2000; expor
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Jun 19 2021 08:15:37 readmecan2mspeech.txt

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2032 #te:sawa-alutoo is recognized as tr:guti-aluco via method=poles4 #te 2000 t1=2500; export t2=${t0} t3=${t1} N2=${N1} 20832 #te:sawa-alutoo is recognized as tr:sawa-alutoo via method=poles4 #te=000 20834 rm -rf tmp:export T=100 N1=32 method=poles4 t0=1000 t1=3000; export t2=${t0} t3=${t1} N2=${N1} #(_t4=000 and 200 and 200 and 200 export t2=${t0} t3=${t1} N2=${N1} #(_t4=000 and 200 are recognized as tr:sawa-alutoo via method=poles4.# 20835 #te:sawa-aluto is recognized as tr:sawa-aluto via method=poles4.# = 20837 rm -rf tmp:export T=100 N1=32 method=poles4 t0=1000 t1=1000; export t2=${t0} t3=${t1} N2=${N1} #(_t4=000 and 200)
                                                                                                                                                                                                                                 20789 if [ "${testname}" = "sawa" ]; then trainname=eguti ;elif [ "${testname}" = "eguti" ]; then trainn
                                                                                                                                                                                                                                                                                                                                                                                                                        "vowelrecog te:${testname} tr:${trainname} k:9 N:${N1}-${N2} m:${method} T:${T} tt:${t0}:${t1}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  20791 echo n | vowelrecog te:${testname} tr:${trainname} k:9 N:${NI}-${N2} m:${method} T:${T} tt:${t0}:${L1}:${t2}:${t2}:${t3}
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**m -rf tump export r=100 Nal = method-delrect Uo-1000 timpol) export to=${t0}$ ta=${t1}$ N2=${N1}$ #te:eguti-alueo is recognized as tr:eguti-alueo via method-edirect.#0X

#te:eguti-alueo is recognized as tr:sawa-ulueo via method-edirect.#0X

#te:eguti-alueo is recognized as tr:sawa-ulueo via method-edirect.#0X

#te:eguti-alueo is recognized as tr:sawa-olueo via method-epoles4,#NO

#te:sawa-alueo is recognized as tr:sawa-olueo via method-epoles4,#NO

#te:sawa-alueo is recognized as tr:sawa-olueo via method-edirect.#NO

*m -rf tmp:export T=100 N1=2 method-edirect to=1000 t1=1000; export t2=${t0}$ t3=${t1}$ N2=${N1}$ #

#te:sawa-alueo is recognized as tr:sawa-olueo via method-epoles4,#NO

#te:sawa-alueo is recognized as tr:sawa-alueo via method-epoles4,#NO

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rm -rf imp:export T=100 N1=32 method=poles4 t0=1000 t1=15000 t2=1000 N2=50

rm -rf imp:export T=100 N1=32 method=poles4 t0=1000 t1=1500; export t2=${t0} N2=${t1} N2=${t1}
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#te:saya-alueo is recognized as tr:sava-olueo via method=direct.#

#te:sayuti-alueo is recognized as tr:sava-olueo via method=cluest.#

#te:sawa-alueo is recognized as tr:sava-ulueo via method=poles4 #NG

#te:sayuti-alueo is recognized as tr:sava-ulueo via method=poles4 #NG

#te:sayuti-alueo is recognized as tr:sava-ulueo via method=poles4 #NG

#te:sava-alueo is recognized as tr:sava-ulueo via method=clueo ta construct N2=${NI}$

#te:sava-alueo is recognized as tr:squti-olueo via method=clirect.#NG

rm -rf tup;export T=100 N1=12 method=direct (b=1000 t1=1000 t2=1000 t3=1000; export N2=${NI}$

#te:sava-alueo is recognized as tr:squti-alueo via method=clirect.#NG

rm -rf tup;export r=100 N1=12 method=direct to=1000 t1=1000 t2=1000 t3=1000; export N2=${NI}$

#te:squti-alueo is recognized as tr:squti-alueo via method=clirect.#NG

rm -rf tup;export T=100 N1=32 method=direct to=1000 t1=1000 t3=1000; export N2=${NI}$
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rm -rt tmp/export T=100 N1=32 method=M4.0=1000 t=1000; export t2=${t0} t3=${t1} N2=${N1} #
#te:eguti.aiueo is recognized as tr:sawa-aaueo via method=M4.#NG
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#te:eguti-aiueo is recognized as tr:sawa-aiueo via method-poles4.#
rm -rf trup:export T=100 NL=32 method-poles4 to=1000 ti=1000 t2=1000 t3=1000 N2=40
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#te:eguti-aiueo is recognized as tr:sawa-aiueo via method-poles4.#OK
rm -rf tmp;export T=100 N1=32 method=poles4 t0=1000 t1=1000 t2=1000 t3=1000 N2=35
#tersawa-alueo is recognized as tr:sawa-alueo via method-poles4.#NV3#for testname in eguti ; do
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#te:eguti-aiueo is recognized as tr:sawa-uiueo via method=direct.#NG
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#te:sawa-aiueo is recognized as tr:eguti-uiueo via method=M4.#NG
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distance of Associative Matirices
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# tt:<t0>:<t1>:<t2>:<t2>:<t6</pre>
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export feature=poles5
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if c testname in sawa is to then trainname=eguti ;elif [ "${testname}" = "eguti" ] ; then trainn
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20870 echo n | vowelrecog te:${testname} tr:${trainname} k:9 N:${N1}-${N2} m:${method} T:${T} tt:${t0}:${t1}.$t1}:${t1}.${t3}, and the code te:${testname} tr:${trainname} k:9 N:${N1}-${N2} m:${method} T:${T} tt:${t0}:${t0}:${t0}:${t0}.${t0} m:${t1}.${t2}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.${t3}.
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#te:sawa-aiueo is recognized as tr:eguti-aiuoo via method=M4.#NG rm -rf tupiexport T=100 Nl=32 method=poles4 to=1000 t1=10001; export T=100 Nl=32 method=poles4 to=1000 t1=10001; export T=26(t1) N2=$[11] N2=$[1
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20999 for testvowel in a i u e o ; do 21000 echo-morm of poles between \${testvowel} of \${testname} and aiueo of \${trainname}"
21001 chor "norm of poles between \${testvowel} of \${testname} and aiueo of \${trainname}"
21002 norm_poles tmp;\${testvowel}-\${testname}-k9N\${NI}-\${N2}-\${feature}.dat tmp;\${vowel}-\${trainname}-k9N\$
21003 done export t1=500 T=10 N1=32; export N2= ξ {N1} #0K test:sawa:aiueo eguti:aiueo rz2>1.0 || rz2<0.3 echo n | vowelrecog te:sawa tr:eguti k:9 N: ξ {N1}- ξ {N2} m:direct T: ξ {T} t: ξ {t1}: ξ 000-2200 #N=50:oiue ??export N2=\${N1} ; export t1='expr \${t0} + 200'; export t2=2000 t3=2200; for testamenine equti ; do ??; for testamenine | " = "sava" | ; then trainname-eguti ; elif ["\${testname}" = "eguti"] ; then trainname-eguti ; elif ["\${testname}" = "eguti"] ; for testname in sawa eguti ; do if ["\${testname}" = "sawa"] ; then trainname=eguti ;elif ["\${testname}" = "eguti"] ; then trainn ??for testname in sawa eguti ; do ??if ["\${testname}" = "sawa"] ; then trainname=eguti ;elif ["\${testname}" = "eguti"] ; then trai echo n | vowelrecog te: $\{testname\}$ tr: $\{trainname\}$ k:9 N: $\{N1\}$ - $\{N2\}$ m: $\{method\}$ T: $\{T\}$ t: $\{T1\}$:200 echo n | vowelrecog te:eguti tr:sawa k:9 N: $\$\{N1\}-\$\{N2\}$ m:direct T: $\$\{T\}$ t: $\$\{t1\}$:2000-2200 #N=50:aiue ??echo n | vowelrecog te:\${testname} tr:\${trainname} k:9 N:\${Nl}-\${N2} m:\${method} T:\${T} ttr:\${t0} ??rm -rf tmp;export T=100 N1=32 method=poles4 t0=2000 toffset=1000 t2=2000 }??rm -rf tmp;export T=100 N1=32 method=poles4 t0=1500 toffset=1000 t2=2000 } ??#te:eguti-aiueo is recognized as tr:sawa-aiueo via method-poles4.#OK ??#te:sawa-aiueo is recognized as tr:eguti-aiueo via method-poles4.#OK ??#te:sawa-aiueo is recognized as tr:eguti-aiueo via method=poles4.#OK method=direct.#NG method=direct.#OK method=poles4.#OK method=poles4.#OK method=poles4.#
method=poles4.# ??rm -rf tmp;export t0=1500 T=100 N1=32 method=poles4 toffset=0 for testname in sawa eguti ; do
if ['{ (estname } " " sawa"] ; then trainname=eguti ;
if ['{ (estname } " " " eguti"] ; then trainname=sawa ; via via #te:sawa-aiueo is recognized as tr:eguti-aiueo #te:eguti-aiueo is recognized as tr:sawa-aiaea #te:sawa-aiueo is recognized as tr:eguti-aiioi #te:eguti-aiueo is recognized as tr:sawa-uiueo ??#OK with rz2>1.0 || rz2<0.3 in my_plinn.c ??#OK with rz2>1.0 | rz2<0.3 in my_plinn.c export t1=2000 T=100 N1=32 method=direct # export t1=2000 T=100 N1=1 method=direct # #OK with rz2>1.0 || rz2<0.3 in my_plinn.c export t1=1000 T=100 N1=32 method=poles4 export t1=2000 T=100 N1=32 method=poles4 Prexport t1= expr \${t0} + 200.; Prexport t3= expr \${t2} + 400.; Prexport N2=\${N1} 20941 ??echo n | vowelrecog te:: :\${t1}:\${toffset} tte:\${t2}:\${t3}

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					į		, , , , , , , ,
21075	echo n	vowelrecog	te:sawa	tr:eguti	k:9	N:70-70 m:shrink2 T:100 t:30	t:3000:3000-3200 #eiueo NG rz
2>1.0		-				-	-
21076 e 2>1.0	echo n rz2<0.3	vowelrecog	te:sawa	tr:eguti	х: 9	N:70-70 m:shrink2 T:100 t:40	t:4000:3000-3200 #oiueo NG rz
	echo n rz2<0.3	vowelrecog	te:sawa	tr:eguti	k:9	N:60-60 m:shrink2 T:100 t:40	t:4000:3000-3200 #ouueo NG rz
21078	060106	,		-			-
21080	echo n	vowelrecog	te:sawa	tr:eguti tr:eguti	አ አ ያ	N:1-1 m:direct T:100 t:1500: N:32-32 m:direct T:100 t:150	t:1500:1500-1700 #alueo OK 0 t:1500:1500-1700 #ojuoo NG
21082		vowelrecog	te:sawa	tr:eguti	х 9:	N:32-32 m:shrink2 T:100 t:1500:1500-1700 #oiuoo NG	00:1500-1700 #oiuoo NG
21083	echo n	vowelrecog	te:sawa	tr:eguti	ж 	N:1-32 m:direct T:100 t:1500	:1500-1700 #oiueo NG
21084	echo n	vowelrecog	te:sawa	tr:eguti	Х 7 0 .	N:60-60 m:direct T:100 t:150	0:1500-1700 #oineo NG
21086	acho n	VOWELLECOS	T	tr:eguti	, y	N:30-50 W:31rent 7:100 +:150	0::1500-1/00 #aaaaa NG
21087		vowelrecog	te:sawa	tr:eguti	, X	N:30-60 m:direct T:100 t:150	0:1500-1700 #aiuoo NG
21088		vowelrecog	te:sawa	tr:eguti	х 9:	N:60-60 m:direct T:100 t:150	0:1500-1700 #oiueo NG
21089 0 NG	echo n	vowelrecog	te:sawa	tr:eguti	к:9	N:70-70 m:shrink2 T:100 t:15	t:1500:1500-1700 #aioeo rz2>1
21090	echo n	vowelrecog	te:sawa	tr:eguti	х 9:	N:70-70 m:shrink2 T:100 t:15	t:1500:1500-1700 #aioee rz2>1
0 rz	0						
21091 0 r3	echon r	vowelrecog	te:sawa	tr:eguti	۲: 9	N:70-70 m:shrink2 T:100 t:15	t:1500:1500-1700 #aiueo rz2>1
21092	echo n	vowelrecog	te:sawa	tr:eguti	к:9	N:32-32 m:shrink2 T:100 t:15	t:1500:1500-1700 #aioee rz2>
0 rz	0 4			1		Of the Calminder of Ot	
21093 0 r2	rz2<0.3 NG	vowelrecog	ce sawa	cr.egutı	X.	T - T 00	E:ISOU:ISOU-I/OU #AIGAA FZZ>
21094	echo n	vowelrecog	te:sawa	tr:eguti	k:9	N:50-50 m:shrink2 T:100 t:15	t:1500:1500-1700 #aiueo rz2>1
0 r: 21095	rzz<0.3 ok	Trecog	tr:Panti	 	۲. و:	N:50-50 m:sbrink2 T:100 +:15	+:1500:1500-1700 #ainec rz3>1
.0 rz2<	0) 3 4 5
21096	2	Social energy	+:50	9	٥.		DM 00:::::# 0021-0031
21098	echo n	vowelrecog	te:eguti		, X	N:32-32 m:direct T:100 t:1500:1500-1700 #utuec OK	0:1500-1700 #aiueo OK
21099	poq.	vowelrecog	te:eguti		사:9	N:32-32 m:shrink2 T:100 t:15	00:1500-1700 #oiueo NG
21100	echo n	vowelrecog	te:eguti	tr:sawa	х с.	N:1-32 m:direct T:100 t:1500	:1500-1700 #oiueo NG
21102	2	0000	1	3		001111111111111111111111111111111111111	1000 DISTRIBUTE OF THE CO. THE
21103	4						
21105	eciio ii	VOWELLECOS	te:eguci	TY: 02 W Q	γ γ ν ο	N:32-32 M:GLIECC I:100 C:100 N:32-32 m:shrink2 T:100 t:100	0:1500-1700 #01upp
21106	ho	vowelrecog	te:eguti		k:9	N:32-32 m:direct T:100 t:1500:1500-1700 #aiueo	0:1500-1700 #aiueo
21107	oq.	vowelrecog	te:eguti	tr:sawa:eguti		N:32-32 m:shrink2 T:100 t:15	00:1500-1700 #oiuoo
21108	echo n	vowelrecog	te:eguti	tr:sawa:egut1		N:1-1 M:Shrinkz T:100 t:1500: N:1-1 m:direct T:100 t:1500:	:ISUU-I/UU #UIUEO
21110	2	D	- ABD - DO	cr.sawa.egacr		ייים וויים די	
21111	ho	vowelrecog	te:sawa	tr:eguti	к:9	N:1-1 m:direct T:100 t:1500:1500-1700 #aiueo	1500-1700 #aiueo
21112	od d	vowelrecog	te:eguti	tr:eguti:sawa		N:1-1 m:direct T:100 t:1500:	1500-1700 #oiueo
21114	echo n	vowelrecog	te:equti	tr:sawa	, y	N:32-32 m:direct T:100 t:150	1300-1700 #CideO 0:1500-1700 #cideo
21115	ho	vowelrecog	te:eguti		k:9	N:50-50 m:direct T:100 t:150	0:1500-1700 #aiueo
21116	echo n	vowelrecog	te:sawa	tr:eguti	차:9	N:50-50 m:direct T:100 t:150	0:1500-1700 #oiueo
21117	#######################################	#######################################					
21119	port	testname=sawa		trainname=eguti feature=Ml	re=M		
21120	port	testname=sawa			re=t	etal	
21121	port	testname=sawa			re=pc	les5	
21122	export t	export testname=sawa t	a trainnam L:	trainname=eguti feature=poles4	re=bo	Les4	
21124	for test	for testvowel in a i	r, Iueo; do	do			
21125	ho	ogtint	101	υĘ	\${testname}"	e} <u> </u>	
21126	for vowel	elinaiue etmm/e/teet	iueo; do	(+ea+name)-k9N	. LM.		+mr/\${vowel}=\${+rainname}=k9N\$
1}-\${N2	\$	}-\${feature}.dat > /	dev/null	,	1	omp/y[ccscvomc1], y[ccscmmc], with [m1] y [m2] y [reaction], and comp/y[
21128	ch.	orm_vecs tmp	o/\${testvo	owel}-\${testna	me}-}	o "norm_vecs tmp/\${testvowel}-\${testname}-k9N\${N1}-\${N2}-\${feature}.dat	tmp/\${vowel}-\${trainname
}-k9N\${N1}-\${I 21129 done	II } -\$ {NZ } done	-\${teature}.	.dat"				
21130	done						
21131	########	#######################################					
21132	#.	+++++++++++++++++++++++++++++++++++++++	++ 4	1			
21134	u o	export restname=sawa trainname=eguti for testvowel in a i u e o ; do	u e o ;	ne=egurı do			
21135	echo "re	echo "recogtintion of	aineo	of \${testname}	=		
21136	for vowe	linaiueo;	op ; oe				
7179 / R9N\$ {N1	NI = 1 / N2 } -	ZII3/ NI=I,NZ=I,Predzy_cs -k9N\${N1}-\${N2}-theta1.dat >	/dev/nu.	stvowerj-alves 11	Cilain	cs_cmp/s{cescvowe1}->{cescname}-k>w>{N1}->{M2}-cmeca1.dac_cmp/>{vowe1}->{craimame}at_> /dev/null	רווום/ אל מסאפדל – אל רד מדיוויםיייב

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21214 21215 21216 21216 21217 21218 21220 21222 21222 21223 21223 21223

21169 21170 21171

21168

21162 21163 21164 21164 21165 21166

readmecan2mspeech.txt Jun 19 2021 08:15:37

```
^{\circ} (dn_timeseries) #training fille ^{\circ} (fn_time of training and total data ^{\circ} (1) ^{\circ} (1) ^{\circ} (2) ^{\circ} #training ond total data ^{\circ} (0 0 0 ^{\circ} #yomin yJmax yJmin yJmax for normalization
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                #Ttrain,Ttotal: points in time of training and total data #YOmin yOmax ylmin ylmax for normalization
cat >param.dat << EOF #save parameters
)
#0:timeseries,1:chaos prepare_data() in my_function.c</pre>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ###アンサンブル想起の実行
cat > param.dat << EOF
0 #0:tlmeseries,1:chaos prepare_data() in my_function.c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         #0:timeseries,1:chaos prepare_data() in my_function.c
```

```
cat wkfigs.gpl
gnuplot < wkfiles.gpl
gnuplot < wkfiles.gpl
tugif $(fbody).obj; gv $(fbody).eps&
#tgif -print -eps -color -dontcondense -a4 $(fbody).obj ; gv $(fbody).eps &
#tgif -print -eps -color -dontcondense -a4 $(fbody).obj ; convert -page A4+0+0 $(fbody).gif $(fbody).eps ; gv $(fbody).eps &
#tgif -print -gif $(fbody).obj ; convert -page A4+0+0 $(fbody).gif $(fbody).eps ; gv $(fbody).ep</pre>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                #Trrain_Ttotal: points in time of training and total data #YOmin yOmax ylmin ylmax for normalization
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  #Ttrain,Ttotal: points in time of training and total data #YOmin yOmax ylmin ylmax for normalization
cos(t),sin(t) t "1.0" w l l, 0.7*cos(t),0.7*sin(t) t "0.7" w l l unset multiplot
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          #0:timeseries,1:chaos prepare_data() in my_function.c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     cat > param.dat << EOF 0 #0:timeseries,1:chaos prepare_data() in my_function.c \{K\} 0 #channels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 5e-3 0.7 #i=0:online,i=1:batch, gamma0, entropy_thresh
100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             if [ -e ${file} ] ; then echo ${file} exists. Omit calculation. ##既に学習
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        export N=${N1} ens= #
export N=${N1} - Le ${N2} 1 ; do
file=rwp/beetmsp-${dname}-K${K}N${N}.net
predfile=tmp/predictN${N}.dat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       cat >param.dat << EOF #save parameters
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ###各ユニット数について学習
./can2 cparam.dat
op tmp/train+test.dat ${dn_regression}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       #n_cells storing vectors
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     dn_regression=./tmp/${dname}-rg.dat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      export T=100 g=5e-3 t1=2000 t2=2200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1)051218をアンサンブルでやってみる
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ########### Execute from here
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      dn_timeseries=./data/${dname}.dat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ########## Execute to here.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ${dn_timeseries} #training file
${t1} ${t2} #Ttrain, Ttotal
0 0 0 #Yomin yomax ylmin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       #width window width
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                for name in eguti sawa ; do
for onsei in a i u e o; do
dname=${name}-${onsei}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     #v_thresh v_min
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             export K=12
export K=8
export K=9
export N1=2 N2=2
export N1=32 N2=34
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               export pM=pMm
export pM=pM
export method=mspE
export method=mspe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                export N1=1 N2=1
export N1=32 N2=32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ${K} 0 #channels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          #n_compare
                                                                                                                                                                                                                                                                                                                                                                                                                                                       #lpr ${fbody}.eps;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ${dn_timeseries}
${t1} ${t2}
0 0 0 0 #y0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        #v_ratio
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        #display
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 #############
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0.53
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   else
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ${N}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ###
                                                                                                                                                   21388
                                                                                                                        21391
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  export fbodys_aiueo_K${R}N${N}${poles}$ cz > mKiles.gpl <eEOF <eEOF cx > mKiles.gpl <eEOF set title "${title}" set ytics (-2,-1,0,1,2); set grid; set size square; set parametric; set poi set xtics (-2,-1,0,1,2); set ytics (-2,-1,0,1,2); set ypin set xtics (-2,-1,0,1,2); ypin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      #set terminal x11; set pointsize 2:x1=0.1:x2=0.1:y1=0.1:y2=0.1:y3=0.1:dd=0.8:set size square; set terminal tgif; set output "\{\{body\}.ob]"; set pointsize 0.5:x1=0.1:x2=0.6:y1=0.1:y2=0.4:y3=0.7:d
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        if [ "${F}" != "aiueo" ] ; then
cat >> Mcfigs.gpl <<EOF
set corigin ${eos};

plot [0:2*pi][-2:2] "${F}-${poles}K${K}N${N}.dat" using 1:2 t "${F}-${name1}K${K}N${N}", \\
cos(t), sin(t) t "1.0" w 1 1, 0.7*cos(t), 0.7*sin(t) t "0.7" w 1
EOF</pre>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           set size square dd,dd; set rmargin 0; set lmargin 0; set tmargin 0; set bmargin 0; set multiplot
                                                                                     of training and total data
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                #plot [-0.1:4] "eguti-a-poles3K9N32-32.dat" using 4:3 w impulses
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 cat >> mkfigs.gpl <<EDF
set origin ${[0.05]_{-1}^{-1}} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{-1}^{-1} = (2.05)_{
                                                                                     #Ttrain, Ttotal: points in time of train #y0min y0max y1min y1max for normalization
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              pfile=tmp/${onsei} for ${onsei} K=${K} N=${N1}-${N2}" pfile=tmp/${onsei} -polesK${K}NK[N1]-${N2}, dat pfile=tmp/${onsei} -polesK${K}NK[N1]-${N2}, dat pfile2=tmp/${onsei} -polesK${K}NK[N1]-${N2}. dat echo "op tmp/poles.dat ${pfile3}" {N1}-${N2}. dat pfile3=tmp/${onsei} -polesK${K}NK${N1}-${N2}. dat echo "op tmp/poles.dat ${pfile}" {N1}-${N2}. dat op tmp/poles.dat ${pfile}$} cp tmp/poles.dat ${pfile}$} cp tmp/poles3.dat ${pfile}$}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           export K=10 N=11 polespoles3 title="LSN" export K=12 N=11 polespoles3 title="LSN" export K=12 N=11 polespoles3 title="LSN" export K=12 N=1-1 polespoles3 title="LSN" export K=9 N=2-2 polespoles3 title="LSN" export K=9 N=1-1 polesspoles title="Poles of LPC" export K=8 N=1-1 polesspoles title="Poles of LPC" export K=8 N=1-1 polesspoles title="Poles of LPC" export K=9 N=1-1 polespoles title="Poles of LPC" export K=9 N=2-34 polespoles title="Poles of LPC" export K=9 N=2-34 polespoles title="Poles of LPC" export K=9 N=3-3-4 polespoles title="Poles of LPC" export K=9 N=3-3-4 polespoles title="Poles of LPC" export K=9 N=3-3-4 polespoles title="Polespoles of LPC" export K=9 N=3-3-4 polespoles title="Polespoles" export R=9 N=3-3-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    for F in a i u e o alueo ; do

if ["${F}" = "a" ]; then pos="x1,y3";

elif ["${F}" = "i" ]; then pos="x2,y3";

elif ["${F}" = "a" ]; then pos="x1,y2";

elif ["${F}" = "e" ]; then pos="x1,y2";

elif ["${F}" = "e" ]; then pos="x1,y1";

elif ["${F}" = "e" ]; then pos="x2,y1";
                                                                                                                                                                                                                                                                                                                                                                                         "---the following are param.dat---"
                                                                                                                                                                                                                                                                                                                                                                                                                                                           --the above are in param.dat---"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ########## Execute from here.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          #closing of for onsei
############# Execute to here.
                                                                                                                                                                                                                                                         #poles of M
           ${K} 0 #channels
${dn_timeseries}
${t1} ${t2} #T
0 0 0 0 #yOmin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ./can2 < param.dat
                                                                                                                                                                                                                                                                                                                                                                                     echo "---the
cat param.dat
                                                                                                                                                                                                              ${method}
${pM}
                                                                                                                                                                                      {ens}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                #####
                                                                                                                                                                                                                                                                                                                                                                                                                                                               echo
                                                                                                                                                                                                                                                                                                                                                          EOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 EOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ntsize 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          21358
21359
d=0.4;
21360
21361
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           21365
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```

echo "----the above are in param.dat---"
can2 < param.dat
cp besture.net \${file}
cp predict.dat \${predfile}

cat param.dat

echo

"Executing can2 for $N=\$\{N\}$ " "----the following are param.dat-

readmecan2mspeech.txt

#Trzain, Ttotal: points in time of training and total data #yOmin yOmax ylmin ylmax for normalization

#0:timeseries,1:chaos prepare_data() in my_function.c

###アンサンブル想起の実行 export ens=\$ens" "\${file}

N='expr \${N} + 1'

done

21480 21481 21482 21483 21483

cat > param.dat << EOF {K} 0 #channels

{dn_timeseries} {t1} \${t2} #y0

21485 21486 21487 21488 21489 21490 21491

2.1551 muchchodemapp-NRSE—-7.2.0114444-0.2 NRSE—-7.1.7 457123e -02aawa-1 F-9 Nr32-34
2.1553 muchchodemapp-NRSE—-7.2.011444-0.2 NRSE—-7.1.7 457123e -02aawa-2 F-9 Nr32-34
2.1554 muchchodemapp-NRSE—-7.2.011344-0.2 NRSE—-7.1.3 49742a -01aawa-2 F-9 Nr32-34
2.1555 muchchodemapp-NRSE—-7.2.011344-0.2 NRSE—-7.1.3 49742a -01aawa-2 F-9 Nr32-34
2.1555 muchchodemapp-NRSE—-7.9 12453e-0.1 NRSE—-7.1.3 49742a -01aawa-2 F-9 Nr32-34
2.1556 muchchodemapp-NRSE—-7.9 12453e-0.1 NRSE—-7.1.3 49742a -01aawa-2 F-9 Nr32-34
2.1557 muchchodemapp-NRSE—-7.1 47573e-0.2 NRSE—-7.1 47573e-0.0 cleanti-1 K-9 Nr32-34
2.1558 muchchodemapp-NRSE—-7.1 47573e-0.0 NRSE—-7.1 47573e-0.0 cleanti-1 K-9 Nr32-34
2.1558 muchchodemapp-NRSE—-7.2 10.0 cleanti-1 K-9 Nr32-34
2.1558 muchchodemapp-NRSE—-7.2 10.0 cleanti-2 K-9 Nr32-34
2.1559 muchchodemapp-NRSE—-7.2 10.0 cleanti-2 K-9 Nr32-34
2.1559 muchchodemapp-NRSE—-7.2 10.0 cleanti-2 K-9 Nr32-34
2.1559 muchchodemapp-NRSE—-7.2 10.0 cleanti-2 K-9 Nr32-34
2.1550 muchchodemapp-NRSE—-7.2 10.0 cleanti-2 K-9 Nr32-3-4
2.1551 muchchodemapp-NRSE—-7.2 10.0 cleanti-2 K-9 Nr32-3-4
2.1552 muchchodemapp-NRSE—-7.2 10.0 cleanti-2 K-9 Nr32-3-4
2.1554 muchchodemapp-NRSE—-7.2 10.0 cleanti-2 K-9 Nr32-3-4
2.1554 muchchodemapp-NRSE—-7.2 10.0 cleanti-2 K-9 Nr32-3-4
2.1555 muchchodemapp-NRSE—-7.2 10.0 cleanti-2 K-9 Nr32-3-4
2.1554 muchchodemapp-NRSE—-7.2 10.0 cleanti-2 K-9 Nr32-3-4
2.1554 muchchodemapp-NRSE—-7.2 10.0 cleanti-2 K-9 Nr32-3-4
2.1555 muchchodemapp-NRSE—-7.2 10.0 cleanti-2 K-9 Nr32-3-4
2.1556 muchchodemapp-NRSE—-7.2 10.0 cleanti-2 K-9 Nr32-3-4
2.1557 muchchodemapp-NRSE—-7.2 10.0 cleanti-2 K-9 Nr32-3-4
2.1559 muchchodemapp-NRSE—-7.2 10.0 cleanti-2 K-9 Nr32-3-4
2.1559 muchchodemapp-NRSE—-7.2 10.0 cleanti-2 K-9 Nr32-3-4
2.1550 muchchodemapp-

#set terminal x11; set pointsize $2!x1=0.1!x2=0.1!y1=0.1!y2=0.1!y3=0.1!xd=0.8!set size square; set terminal tgif; set output "<math>\$\{fbody\}.obj"$; set pointsize 0.5!x1=0.1!x2=0.6!y1=0.1!x2=0.4!y3=0.7!d

>>MSE---;1.002517e+03 NNSE---;9.914155e-01eguti-a K=8 N=1-1 >>MSE---;3.38986e+03 NNSE---;7.403248e-01eguti-i K=8 N=1-1 >>MSE---;3.38986e-01 NNSE---;0.101449e+00eguti-u K=8 N=1-1 >>MSE---;1.122435e+03 NNSE---;9.60124e-01eguti-c K=8 N=1-1 >>MSE---;1.33867e+03 NNSE---;8.87461e-01eguti-c K=8 N=1-1 >>MSE---;1.33867e+03 NNSE---;8.87461e-01eguti-c K=8 N=1-1 >>MSE---;1.527081e+03 NNSE---;8.90401e-01sawa-a K=8 N=1-1 >>MSE---;2.403179e+03 NNSE---;9.79666e-01sawa-c K=8 N=1-1 >>MSE---;2.403179e+03 NNSE---;9.916774e-01sawa-c K=8 N=1-1 >>MSE---;1.708560e+03 NNSE---;7.813276e-01sawa-c K=8 N=1-1

echo "### Done can2 for \${dname} K=\${K} N=\${N1}-\${N2}"
pfile=trup/\${dname}-poles&\${K}N3/KN1-\${N2}.dat
pfile2=trup/\${dname}-poles&\${K}N3/KN1-\${N2}.dat
pfile3=trup/\${dname}-poles&\${K}N8/KN1-\${N1}-\${N2}.dat
pfile3=trup/\${dname}-poles&\${K}N8/KN1-\${N3}.dat
cp trup/poles&at \${pfile2}\$
cp trup/poles&at \${pfile2}\$
cp trup/poles&dat \${pfile2}\$
cp trup/poles&dat \${pfile2}\$

############ Execute to here.

done

echo "---the following are param.dat---"

#poles of M

method} {ens}

\$ {pM}

---the above are in param.dat---"

./can2 < param.dat

cat param.dat

21494 21495 21496 21497

echo

set size square dd, dd; set rmargin 0; set lmargin 0; set tmargin 0; for F in a i u e o aiueo ; do

if ["\${F}" = "a"] ; then pos="x1,y3";
elif ["\${F}" = "i"] ; then pos="x1,y2";
elif ["\${F}" = "u"] ; then pos="x1,y2";
elif ["\${F}" = "o"] ; then pos="x2,y2";
elif ["\${F}" = "o"] ; then pos="x2,y2";
elif ["\${F}" = "aiueo"]; then pos="x2,y2"; set multiplot #### EOF 1595 #8 et 21595 #8 et 21595 #8 et 21595 #8 et 21598 #8 et 21599 #8 et 21599 #8 et 21509 #8 et 21602 et 21603 et 21613 plot 21613 plot

if ["\${F}" != "aiueo"] ; then

NMSE---;9.871970e-01eguti-a K=12 N=1-1 NMSE---;4.228275e-01eguti-i K=12 N=1-1 NMSE---;9.631524e-01eguti-u K=12 N=1-1 ---;9.389359e-01eguti-e K=12 N=1-1

---;9.979119e-01eguti-a K=9 N=1 ---;6.637374e-01eguti-i K=9 N=1 ---;9.966225e-01eguti-u K=9 N=1 ---;8.902110e-01eguti-o K=9 N=1

#>>MSE---;1.009086e+03 NMSE--#>>MSE---;1.757765e+03 NMSE--#>>MSE---;3.332717e+03 NMSE--

--;1.337969e+03 NMSE --;4.718409e+01 NMSE

#>>WSE #>>MSE

#>>MSE---;1.533527e+03 NWSE-#>>MSE---;2.461112e+03 NMSE-#>>MSE---;2.195580e+03 NMSE-#>>MSE---;1.416616e+03 NMSE- ---;8.711829e-01sawa-a K=12 N=1-1 ---;2.747538e-01sawa-i K=12 N=1-1 ---;7.616887e-01sawa-u K=12 N=1-1 ---;9.02249e-01sawa-e K=12 N=1-1 ---;4.591491e-01sawa-o K=12 N=1-1

#>>ME---:1.097598e+03 NMSE-#>>MSE---:1.350245e+03 NMSE-#>>MSE---:4.602902e+01 NMSE--#>>MSE---:8.486471e+02 NMSE--

#>>MSE---;1.119767e+03 ---;9.982510e+02

#>>MSE-

#>>MSE---;4.602902e+01 NN #>>MSE---;8.486471e+02 NN #>>MSE---;2.080515e+03 NN #>>MSE---;2.186550e+03 NN #>>MSE---;1.004039e+03 NN

 $\texttt{plot [0:2*pi][-2:2][-2:2] "$\{\texttt{name1}} - \$\{F\} - \$\{\texttt{poles}\} \\ \texttt{K}\$\{K\} \\ \texttt{N}\$\{N\} \cdot \texttt{dat" using 1:2 t "} \$\{F\} - \$\{\texttt{name1}\} \\ \texttt{K}\$\{K\} \\ \texttt{N}\$\{N\} \cdot \texttt{dat" using 1:2 t "} \$\{F\} - \$\{\texttt{name1}\} \\ \texttt{N}\$\{K\} \\ \texttt{N}\$\{N\} \cdot \texttt{dat" using 1:2 t "} \$\{F\} - \$\{\texttt{name1}\} \\ \texttt{N}\$\{N\} \cdot \texttt{dat" using 1:2 t "} \$\{M\} \cdot \texttt{dat" using 1:2 t "} \\ \texttt{N}\$\{N\} \cdot \texttt{dat" using 1:2 t "} \\ \texttt{N}\$\{$ cat >> mkfigs.gpl <<EOF set origin \${pos};

 $\label{eq:cost} $$ (\pi_{n,n})^{-\xi(F)-\xi(F)}(\xi(K))^{N}_{n,n}^{-\xi(F)}, $$ (\pi_{n,n})^{-\xi(F)-\xi(F)}(\xi(K))^{-\xi(K)}^{-\xi(F)}, $$ (\pi_{n,n})^{-\xi(F)}(\xi(K))^{-\xi(F)}(\xi(K))^{-\xi(F)}, $$ (\pi_{n,n})^{-\xi(F)}(\xi(K))^{-\xi$

#method=mspE>>MSE---;3.948551e+01 NMSE---;3.904827e-02egut1-a K=9 N=32-34 #method=mspE>>MSE---;1.51451e+0.0 NMSE---;4.447914e-02degut1-a K=9 N=32-34 #method=mspE>>MSE---;4.536736e+02 NMSE---:1.356675e-01egut1-u K=9 N=32-34 #method=mspE>>MSE---;4.536736e+02 NMSE---;1.56675e-01egut1-u K=9 N=32-34 #method=mspE>>MSE---;7.779026e+01 NMSE---;6.654336-02egut1-e K=9 N=32-34 #method=mspE>>MSE---;2.976006e+01 NMSE---;1.979405e-02egut1-e K=9 N=32-34 #method=mspE>>MSE---;1.670364e+00 NMSE---;3.193067e-02sgut1-e K=9 N=32-34 mspE: 多段予測結果をアンサンブル

```
21664 plot [0:22pi][-2:2] "eguti-a-polesKBNI-1.dat" using 1:2 t "a-egutiKBNI", "sawa-a-polesKBNI-1.d at" using 1:2 t "a-sawaKBNI", cos(t),sin(t) t "1.0" w l 1, 0.7*cos(t),0.7*sin(t) t "0.7" w l 1
21665 set origin x2,y3;
21665 plot [0:27pi][-2:2][-2:2] "eguti-i-polesKBNI-1.dat" using 1:2 t "i-egutiKBNI", "sawa-i-polesKBNI-1.d at" using 1:2 t "i-sawaKBNI", cos(t),sin(t) t "1.0" w l 1, 0.7*cos(t),0.7*sin(t) t "0.7" w l 1
21667 set origin x1,y2;
21668 plot [0:27pi][-2:2][-2:2][-2:2] "eguti-u-polesKBNI-1.dat" using 1:2 t "u-egutiKBNI", "sawa-u-polesKBNI-1.d at" using 1:2 t "u-sawaKBNI", cos(t),sin(t) t "1.0" w l 1, 0.7*cos(t),0.7*sin(t) t "0.7" w l 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       21669 set origin x2,y2.
21670 pto 10:2*Pij-12:21-2:21 *eguti-e-polesKBN1-1.dat" using 1:2 t "e-egutikBN1", "sawa-e-polesKBN1-1.dat" using 1:2 t "e-egutikBN1", "sawa-e-polesKBN1-1.dat" using 1:2 t "e-sawakBN1", cos(t),sin(t) t "1.0" w 1 1, 0.7*cos(t),0.7*sin(t) t "0.7" w 1 1
21671 set origin x1,y1; -2:21 *eguti-o-polesKBN1-1.dat" using 1:2 t "o-egutikBN1", "sawa-o-polesKBN1-1.dat" using 1:2 t "o-sawakBN1", cos(t),sin(t) t "1.0" w 1 1, 0.7*cos(t),0.7*sin(t) t "0.7" w 1 1
21673 set origin x2,y1;
21674 set xtics (-2,-1,0,1,2); set ytics (-2,-1,0,1,2); set grid; set size square; set parametric; set poi
                                                                                                                                                                                                                                                                                                                                                                                                                                      gnuplot < mkfigs.gpl
togif ${fbody}.obj; gv ${fbody}.epsk
trif = frince = fbody}.obj; gv ${fbody}.obj; gv ${fbody}.eps k
trif = frince = fbody}.obj; gv ${fbody}.obj; gv ${fbody}.eps k
trif = frince = fbody}.obj; convert = fbody fbody}.gif ${fbody}.eps; gv ${fbody}.eps k
trif = frince = fbody}.obj; convert = fbody fbody}.gif ${fbody}.eps; gv ${fbody}.eps</pre>
21625 "${name1}-o-${poles}K${R}N${N}.dat" using 1:2 t "o-${name1}K${R}N${N}" w p 5, "${name2}-o-${poles}K${R}N${N}.dat" using 1:2 t "o-${name2}K${R}N${N}" w p 5, \\
21626 cos(t),sin(t) t "1.0" w 1 1, 0.7*cos(t),0.7*sin(t) t "0.7" w 1 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ntaize 0.5
21675 plot (0:2*pi][-2:2][-2:2] "equti-a-polesK8N1-1.dat" using 1:2 t "a-equtiK8N1" w p 1, "sawa-a-polesK8 N1-1.dat" using 1:2 t "a-sawaK8N1" w p 1, "sawa-a-polesK8 N1-1.dat" using 1:2 t "a-sawaK8N1" u p 1, "sawa-i-polesK8N1-1.dat" using 1:2 t "i-equtiK8N1" w p 2, "sawa-i-polesK8N1-1.dat" using 1:2 t "i-e
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      21678 "eguti-e-polesK8N1-1.dat" using 1:2 t "e-egutiK8N1" w p 4, "sawa-e-polesK8N1-1.dat" using 1:2 t "e-s
awaK8N1" w p 4, \
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            set title "poles of LPC" set ytics (-2,-1,0,1,2); set grid; set size square; set parametric; set poi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              21679 "eguti-o-polesK8N1-1.dat" using 1:2 t "o-egutiK8N1" w p 5, "sawa-o-polesK8N1-1.dat" using 1:2 t "o-s
wwaK8N1" w p 5, cos(t),sin(t) t "1.0" w 1 1, 0.7*cos(t),0.7*sin(t) t "0.7" w 1 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            tgif -print -eps -color -dontcondense -a4 ${fbody}.obj ; gy ${fbody}.eps &
#tgif -print -gif ${fbody}.obj ; convert -page A4+0+0 ${fbody}.gif ${fbody}.eps ; gv ${fbody}.eps ;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     #set terminal x11; set pointsize 2!x1=0.1!x2=0.1!y1=0.1!y2=0.1!y3=0.1!dd=0.8!set size square; set terminal tgif; set output "_aiueo-K8N1.obj"; set pointsize <math>0.5!x1=0.1!x2=0.6!y1=0.1!y2=0.4!y3=0.9!
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              "eguti-u-polesk8N1-1.dat" using 1:2 t "u-egutik8N1" w p 3, "sawa-u-polesk8N1-1.dat" using
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               set size square dd,dd; set rmargin 0; set lmargin 0; set tmargin 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ############ poles3=LSP K8N1 Poles of LPC (Linear Predictive Coefficients)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ######### Execute to here.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          #for F in a i u e o aiueo ; do
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           for F in aiueo ; do fbody=_${F}-K8N1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              #lpr ${fbody}.eps;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 set origin x1, y3;
                                                                                                                                                         unset multiplot
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 unset multiplot
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        cat mkfigs.gpl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      set multiplot
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    awaK8N1" w p 3, '
21678 "eonti--
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  awaK8N1" w p 2,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          cd tmb;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ntsize 0.5
21659 #set
21660 set
7;dd=0.4;
21661 set
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              21635
21636
21637
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            21641
21642
21643
21644
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      21662
```

readmecan2mspeech.txt Jun 19 2021 08:15:37

```
21099 set size square dd,dd; set rmargin 0; set lmargin 0; set tmargin 0; set bmargin 0; 21009 set size square dd,dd; set rmargin 0; set margin 0; set miliplot 21700 set miliplot 31700 set origin x2,y3; at using 1:2 t "a-squargyn", cos(t),sin(t) t "1.0" w 11, 0.7*cos(t),0.7*sin(t) t "0.7" w 1 1 21703 set origin x2,y3; at using 1:2 t "a-squargyn", cos(t),sin(t) t "1.0" w 11, 0.7*cos(t),0.7*sin(t) t "0.7" w 1 1 21705 set origin x2,y2; at using 1:2 t "a-squargyn", cos(t),sin(t) t "1.0" w 11, 0.7*cos(t),0.7*sin(t) t "0.7" w 1 1 21705 set origin x2,y2; at using 1:2 t "a-squargyn", cos(t),sin(t) t "1.0" w 11, 0.7*cos(t),0.7*sin(t) t "0.7" w 1 1 21707 set origin x2,y2; at using 1:2 t "a-squargyn", cos(t),sin(t) t "1.0" w 11, 0.7*cos(t),0.7*sin(t) t "0.7" w 1 1 21707 set origin x2,y2; at using 1:2 t "a-squargyn", cos(t),sin(t) t "1.0" w 11, 0.7*cos(t),0.7*sin(t) t "0.7" w 1 1 21709 set origin x2,y2; as and x2,y2; as at origin x2,y1; as at origin x2,y2; as and y2; 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               11741 get origin x2,y3;

21742 plot [0:2*pi]-2:2] "eguti-i-polesk9N1-1.dat" using 1:2 t "i-egutik9N1", "sawa-i-polesk9N1-1.d at" using 1:2 t "i-egutik9N1", "sawa-i-polesk9N1-1.d at" using 1:2 t "i-egutik9N1", "sawa-i-polesk9N1-1.d at" using 1:2 t "u-egutik9N1", "sawa-i-polesk9N1-1.d at" using 1:2 t "u-egutik9N1", "sawa-u-polesk9N1-1.d at" using 1:2 t "u-egutik9N1", "sawa-e-polesk9N1-1.d at" using 1:2 t "e-sawak9N1", cos(t),sin(t) t "1.0" w 1 1, 0.7*cos(t),0.7*sin(t) t "0.7" w 1 1
2.1748 plot [0:2*pi]-2:2] "eguti-o-polesk9N1-1.dat" using 1:2 t "e-egutik9N1", "sawa-e-polesk9N1-1.d at" using 1:2 t "c-sawak9N1", cos(t),sin(t) t "1.0" w 1 1, 0.7*cos(t),0.7*sin(t) t "0.7" w 1 1
2.1748 plot [0:2*pi]-2:2] "eguti-o-polesk9N1-1.dat" using 1:2 t "o-egutik9N1", "sawa-o-polesk9N1-1.d at" using 1:2 t "o-egutik9N1", "sawa-o-polesk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   21717 "eguti.o-polesK9N1-1.dat" using 1:2 t "o-egutiK9N1" w p 5, "sawa-o-polesK9N1-1.dat" using 1:2 t "o-s avaK9N1" w p 5, costl,sin(t) t "1.0" w l 1, 0.7*cos(t),0.7*sin(t) t "0.7" w l 1 21718 unset multiplot 21719 quit
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  21740 plot [0:2*pi][-2:2][-2:2] "eguti-a-polesK9N1-1.dat" using 1:2 t "a-egutiK9N1", "sawa-a-polesK9N1-1.dat" using 1:2 t "a-sawaK9N1", cos(t),sin(t) t "1.0" w 1 1, 0.7*cos(t),0.7*sin(t) t "0.7" w 1 1
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21751 plot [0:2*pl][-2:2][-2:2] "eguti-a-polesK9N1-1.dat" using 1:2 t "a-egutiK9N1" w p 1, "sawa-a-polesK9
N1-1.dat" using 1:2 t "a-sawaK9N1" w p 1, \
                                                                                                                                                                                                                                             set xtics (-2,-1,0,1,2); set ytics (-2,-1,0,1,2); set grid; set size square; set parametric; set poi
                                                                                                                                                                                                                                                                                                                                                      #set terminal x11; set pointsize 2:x1=0.1;x2=0.1;y1=0.1;y2=0.1;y3=0.1;dd=0.8;set size square; set terminal tgif; set output "_aiueo-K9N1.obj"; set pointsize 0.5:x1=0.1:x2=0.6:y1=0.1:y2=0.4:y3=0.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     tgif -print -eps -color -dontcondense -a4 ${fbody}.obj ; gy ${fbody}.eps $
tgif -print -gif ${fbody}.obj ; convert -page A4+0+0 ${fbody}.gif ${fbody}.eps ; gy ${fbody}.eps $
#!pr ${fbody}.eps;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       set xtics (-2,-1,0,1,2); set ytics (-2,-1,0,1,2); set grid; set size square; set parametric; set poi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       #set terminal x11; set pointsize 2!x1=0.1;x2=0.1;y1=0.1;y2=0.1;y3=0.1;dd=0.8:set size square; set terminal tgif; set output "_aiueo-K9N1.obj"; set pointsize 0.5!x1=0.1;x2=0.6!y1=0.1;y2=0.4!y3=0.
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############ poles=LCP K9N1 Poles of LPC (Linear Predictive Coefficients)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ############# poles=LSP K9N1 Poles of LPC (Linear Predictive Coefficients)
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for F in aiueo ; do
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               set title "Poles of LPC"
                                                                                                                                                                                     set title "Poles of LPC"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    fbody=_${F}-K9N1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   set origin x1,y3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ################
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                                                                                                                             gnuplot
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        cd tmp;
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21697 #set
21698 set
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21735 #se
21736 set
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           7;dd=0.4;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            21720
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21775 set terminal x11; set pointsize 2;x1=0.1;x2=0.1;y2=0.1;y3=0.1;dd=0.8;set size square;
21775 set square dd,dd; set rmargin 0; set lmargin 0; set bmargin 0; set bmargin 0;
21777 set multiplot
21777 set corigin x1,y3;
21778 set origin x1,y3;
21778 set origin x1,y3;
21778 set origin x1,y3;
2178 set origin x1,y3;
2178 set origin x1,y3;
2178 set origin x2,y3;
2178 set origin x1,y3;
2178 set origin x1,y1;
2178 set origin x2,y1;
                                                                                                                                                                                                                                                                          "egril-o-polesK9N1-1.dat" using 1:2 t "o-egutiK9N1" w p 5, "sawa-o-polesK9N1-1.dat" using 1:2 t "o-s" w p 5, cos(t),sin(t) t "1.0" w l 1, 0.7*cos(t),0.7*sin(t) t "0.7" w l 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ntsize 0.5
21790 plot [0:2*pi][-2:2][-2:2] "eguti-a-polesKBNI-1.dat" using 1:2 t "a-egutiKBNI" w p 1, "sawa-a-polesKB
NI-1.dat" using 1:2 t "a-sawaKBNI" w p 1, \ 21791 "eguti-i-polesKBNI-1.dat" using 1:2 t "i-s
21791 "eguti-i-polesKBNI-1.dat" using 1:2 t "i-egutiKBNI" w p 2, "sawa-i-polesKBNI-1.dat" using 1:2 t "i-s
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    21794 "eguti-o-polesK8N1-1.dat" using 1:2 t "o-egutiK8N1" w p 5, "sawa-o-polesK8N1-1.dat" using 1:2 t "o-sawaK8N1" w p 5, cos(t),sin(t) t "1.0" w l 1, 0.7*cos(t),0.7*cos(t),0.7*cos(t) t "0.7" w l 1
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                                                                                            "eguti-u-polesK9N1-1.dat" using 1:2 t "u-egutiK9N1" w p 3, "sawa-u-polesK9N1-1.dat" using 1:2 t "u-s
                                                                                                                                                                                         using 1:2 t "e-s
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 set xtics (-2,-1,0,1,2); set ytics (-2,-1,0,1,2); set grid; set size square; set parametric; set poi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        set terminal tgif; set output "_aiueo-K8N1-LSP.obj"; set pointsize 0.5;x1=0.1;x2=0.6;y1=0.1;y2=0.4;y
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 "eguti-u-polesK8N1-1.dat" using 1:2 t "u-egutiK8N1" w p 3, "sawa-u-polesK8N1-1.dat" using 1:2 t "u-s
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"eguti-i-polesK9N1-1.dat" using 1:2 t "i-egutiK9N1" w p 2, "sawa-i-polesK9N1-1.dat" using 1:2 t "i-s
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  #上の結果を眺めると、各母音毎に、特徴的な数個の層の付近に極が有るか無いかつ認識できそう。
# 片だし、彼米のように分析が数kK回のすべ口の極の距離を題べたらだめ i 。
# too F in a i ne o arineo i do
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       tgif -print -eps -color -dontcondense -a4 ${fbody}.obj ; gv ${fbody}.eps & #tgif -print -gif ${fbody}.obj ; convert ${fbody}.gif ${fbody}.eps &
                                                                                                                                                                                         "eguti-e-polesK9N1-1.dat" using 1:2 t "e-egutiK9N1" w p 4, "sawa-e-polesK9N1-1.dat"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ############# poles3=LSP K8N1 Poles of LPC (Linear Predictive Coefficients)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            #tgif -print -eps -color $(fbody).obj;
tgif -print -gif $(fbody).obj; convert $(fbody).gif $(fbody).eps
#lpr $(fbody).eps;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ########## poles3=LSP K8N1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               #for F in a i u e o aiueo ; do
for F in aiueo ; do
fbody=_${F}-K9N1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     "Poles of LPC"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         #lpr ${fbody}.eps;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          gv ${fbody}.eps &
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set title "Pole
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                                                                                                                                                                                                                                    awaK9N1" w p 4, \
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                                                                                                                                                                                                                                                                                                                                 awaK9N1" w p 5,
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ntsize 0.5
21774 set tex
3=0.7;dd=0.4;
21775 set tex
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         EOF
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21768
21769
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                                                                                                                                                                                                                                                                                     21755
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readmecan2mspeech.txt Jun 19 2021 08:15:37

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and using act origin x1,72;
21821 set origin x1,72;
21822 plot (0:2*pli]-2:2] 'equti-u-poles3KBN1-1.dat" using 1:2 t "u-equtiKBN1", "sawa-u-poles3KBN1-1
21823 plot (0:2*pli]-2:2]' equti-u-poles3KBN1-1.dat" using 1:2 t "e-equtiKBN1", "sawa-e-poles3KBN1-1
21824 plot (0:2*pli]-2:2][-2:2] 'equti-e-poles3KBN1-1.dat" using 1:2 t "e-equtiKBN1", "sawa-e-poles3KBN1-1
21825 set origin x1,71;
21825 set origin x1,71;
21826 plot (0:2*pli]-2:2][-2:2] 'equti-o-poles3KBN1-1.dat" using 1:2 t "o-equtiKBN1", "sawa-o-poles3KBN1-1
21826 plot (0:2*pli]-2:2][-2:2] 'equti-o-poles3KBN1-1.dat" using 1:2 t "o-equtiKBN1", "sawa-o-poles3KBN1-1
21826 plot (0:2*pli]-2:2][-2:2] 'equti-o-poles3KBN1-1.dat" using 1:2 t "o-equtiKBN1", "sawa-o-poles3KBN1-1.dat" using 1:2 t "o-equti-properties to the total using 1:2 t "o-equti-properties to total using 1:2 t "o-equti-properties to the total using 1:2 t "o-equti-properties to the total using 1:2 t "o-equti-properties t
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833 "eguti-o-poles3K8NI-1.dat" using 1:2 t "o-egutiK8NI" w p 5, "sawa-o-poles3K8NI-1.dat" using 1:2 t "o
-sawak8NI" w p 5, cos(t),sin(t) t "1.0" w 1 1, 0.7*cos(t),0.7*sin(t) t "0.7" w 1 1
21834 unset multiplot
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ntsize 0.5
21829 plot (0:2*pl[[-2:2][-2:2] "eguti-a-poles3X8N1-1.dat" using 1:2 t "a-egutiK8N1" w p 1, "sawa-a-poles3
K8N1.dat" using 1:2 t "a-sawaK8N1" w p 1, \ 2 1. "i-egutiK8N1" w p 2, "sawa-i-poles3X8N1-1.dat" using 1:2 t "i
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    -sawaK6N1" w p 2, \
21831 "eguti-u-poles3K8N1-1.dat" using 1:2 t "u-egutiK8N1" w p 3, "sawa-u-poles3K8N1-1.dat" using 1:2 t "u
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21852 plot [0:2*pi][-2:2][-2:2] "eguti-a-poles3K9N1-1.dat" using 1:2 t "a-egutiK9N1", "sawa-a-poles3K9N1-1
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21857 set terminal X11; replot
21858 plot (10:2*pl][-2:2][-2:2] "eguti-e-poles3K9NI-1.dat" using 1:2 t "e-egutiK9NI", "sawa-e-poles3K9NI-1
21858 plot (0:2*pl][-2:2][-2:2][-3:1] "eguti-e-poles3K9NI-1.dat" using 1:2 t "e-egutiK9NI", "sawa-e-poles3K9NI-1
21859 set terminal tejf; set output "e-K9NI-1.EP. Dd; replot; set terminal X11; replot
21860 plot [0:2*pl][-2:2][-2:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-3:2][-
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2163 plot [0:2*pl][-2:2][-2:2] "eguti-a-poles3X9N1-1.dat" using 1:2 t "a-egutiK9N1" w p 1, "sawa-a-poles3
X6N1-1.dat" using 1:2 t "a-sawaK9N1" w p 1, \
21864 "eguti-i-poles3X9N1-1.dat" using 1:2 t "i-egutiK9N1" w p 2, "sawa-i-poles3X9N1-1.dat" using 1:2 t "i
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w 1.1, (b-1) v sin(b-1) v sin(b-1) v b-1 v v 1.1 1.2 teplot 21868 set terminal tgif; set output "_aiue-K9N1-LSp-0.bg"; replot; set terminal X11; replot
                                                                                                                                                                                                                                                          dat" using 1:2 t "a-sawak8Nl", cos(t),sin(t) t "" w 1 1 1 2 1819 set origin x2.7y3;
21820 plot (0:2*pi][-2:2][-2:2] "eguti-i-poles3K8Nl-1.dat" using 1:2 t "i-egutiK8Nl", "sawa-i-poles3K8Nl-1 dat" using 1:2 t "i-esawak8Nl", cos(t),sin(t) t "" w 1 1 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               dat" using 1:2 t "o-sawakBNl", cos(t),sin(t) t "" w 1 1 1
21827 set crigin x2,71;
21828 set krics (-2,2,1,1,2); set ytics (-2,-1,0,1,2); set grid; set size square; set parametric; set poi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               "eguti-e-poles3K8N1-1.dat" using 1:2 t "e-egutiK8N1" w p 4, "sawa-e-poles3K8N1-1.dat" using 1:2 t "e
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                                                                                                                             21817 set origin x1,y3;
21818 plot [0:2*pi][-2:2][-2:2] "eguti-a-poles3K8N1-1.dat" using 1:2 t "a-egutiK8N1", "sawa-a-poles3K8N1-1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       #上の結果を眺めると、各母音毎に、特徴的な数個の極の付近に極が有るか無いかで認識できそう。
#ただし、従来のように分析次数K個のすべての極の距離を調べたらだめ 1?
#for F in a 1 u e o alueo; do
for F in alueo; do
fbody=_$(F)-K8N1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                #上の結果を眺めると、各母音毎に、特徴的な数個の極の付近に極が有るか無いかで認識できそう。
#ただし、従来のように分析次数x個のすべての極の距離を調べたらだめ i?
For F in a in e o aineo ; do
fbody=_5(F)-synt;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       #tgif -print -eps -color ${fbody}.obj;
tgif -print -gif ${fbody}.obj; convert ${fbody}.gif ${fbody}.eps
#lpr ${fbody}.eps;
set multiplot
set title "LSP(Linear Spectrum Pairs)"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ######## LSP K9N1
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ntaize 0.5

1943 a por (10:2*pil[-2:2][-2:2] "sawa-a-polesKNN32-34.dat" using 1:2 t "a-sawaK9N12-34" wp pl." "eguti-a-polesKNN1-1 dat" using 1:2 t "a-sawaK9N12-34" wp pl." "eguti-a-polesKNN1-1 dat" using 1:2 t "a-egutiK9N1" w pp3, cos(t),sin(t) t "" w 1 1 1 2 -sawaK9N12-34.ob]; replot set terminal X11; replot 21945 set terminal tgif; set output "a-sawaK9N32-34.ob]; replot set terminal tgif; set output "pp2, "sawa-i-polesKNN32-34.dat" using 1:2 t "a-sawaK9N12-34" wp pl, "eguti-i-polesKNN1-1.dat" using 1:2 t "i-sawaK9N1" w pp2, "sawa-i-polesKNN32-34.ob]; replot; set terminal tgif; set output "i-sawaK9N1" w pp2, "sawa-i-polesKNN1-1.dat" using 1:2 t "i-egutiK9N1" w pp3, cos(t),sin(t) t "" w 11 1 2 -sawaK9N1" w pp2, "sawa-i-polesKNN1-1.dat" using 1:2 t "u-sawaK9N1" w pp2, "sawa-i-polesKNN1-1.dat" using 1:2 t "u-sawaK9N1" w pp2, "sawa-u-polesKNN1-1.dat" using 1:2 t "u-sawaK9N1" w pp2, "sawa-u-polesKNN1-1.dat" using 1:2 t "u-sawaK9N1" w pp3, cos(t),sin(t) t "" w 11 1
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                                                                                                                                                                                                                                                                                      pl=1,pp2-5;p3=8;set pointsize 2 #for display pl=1,pp2-5;p3=8;set pointsize 0.5 # for t0/f. # set grid; set size square; set parametric; set po #set vicios (-2,-1,0,1,2); set yrics (-2,-1,0,1,2); yrics
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     21957 set terminal tgif; set output "_i-egutik9N32-34.obj"; replot; set terminal X11; replot
21958 plot [0:2*pi][-2:2][-2:2] "eguti-u-polesK9N32-34.obj"; replot; "u-egutik9N32-34" w p pl, "eguti-u-polesK9N1-1.dat" using 1:2 t "u-egutik9N32-34" w p pl, "eguti-u-polesK9N1-1.dat" using 1:2 t "u-egutik9N1" w p p3, "sawa-u-polesK9N1-1.dat" using 1:2 t "u-egutik9N1" w p p3, 21959 set terminal tgif; set output "_u-egutik9N32-34.obj"; replot; set terminal X11; replot
21959 set terminal tgif; set output "_u-egutik9N32-34.obj"; replot; set terminal X11; replot
21950 plot (0:2*pi][-2:2][-2:2] "eguti-e-polesK8N1-1.dat" using 1:2 t "e-egutik9N1" w p p2, "sawa-e-polesK8N1-1.dat" using 1:2 t "e-egutik9N1" w p p3, "cos(t),sin(t) t "" w l l
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21954 plot [0:2*pi][-2:2][-2:2] "eguti-a-polesK9N32-34.dat" using 1:2 t "a-egutiK9N32-34" w p pl, "eguti-a-polesK9N1-1.dat" using 1:2 t "a-egutiK9N1" w p p2, "sawa-a-polesK9N1-1.dat" using 1:2 t "a-egutiK9N1" w p p3, cos(t),sin(t) t "" w l l l
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21956 plot [0:2*pil[-2:2][-2:2] "eguti-i-polesK9N32-34.dat" using 1:2 t "i-egutik9N32-34" w p pl, "eguti-i-polesK9N1-1.dat" using 1:2 t "i-egutik9N3" w p p2, "sawa-i-polesK9N1-1.dat" using 1:2 t "i-egutik9N1" w p p3, "cos(t),sin(t) t " w l l l
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      21983 set terminal tgif; set output "_i-K9N32-34.obj"; replot; set terminal X11; replot 2.1284 plot [0:2*pi][-2:2][-2:2] "eguti-u-polesK9N32-34.dat" using 1:2 t "a-egutiK9N32-34", "sawa-u-polesK9N3-34.dat" using 1:2, "eguti-u-polesK9N1-1.dat" using 1:2, "sawa-u-polesK9N1-1.dat" using 1:2, cos(t),sin(t) t "" w 1 1 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            #FO="sawa-a-polesK9N32-34.dat"; F1="eguti-a-polesK9N1-1.dat"; F2="a-egutiK9N1"
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for F in a i u e o; do
fbody=_${F}-${name}K9N32-34;
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        lpr ${fbody}.eps;
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                                                                                                                                                                                                                                                                                      cd tmp; gnuplot set ytics (-2,-1,0,1,2); set grid; set size square; set parametric; set poi set xics (-2,-1,0,1,2); set ytics (-2,-1,0,1,2); yt
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21888 plot [0:2*pil[-2:2][-2:2]" equti-o-polesKBN1-1.dat" using 1:2 t "o-egutiKBNI", "sawa-o-polesKBNI-1.d
at using 1:2 t "o-sawaKBNI", "cos(t), sin(t) t "" w 1 1 1
21889 set terminal tgif; set output "o-KBNI.obj"; replot; set terminal X11; replot
21890 set xtics (-2,-1,0,1,2); set ytics (-2,-1,0,1,2); set grid; set size square; set parametric; set poi
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awaK8N1" w p 3, \
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               21920 plot [0:2*pi][-2:2][-2:2] "eguti-a-polesK9N1-1.dat" using 1:2 t "a-egutiK9N1" w p 1, "sawa-a-polesK9 N-1 t dat" using 1:2 t "a-sawa-syn" w p 1, \ 7.1-dat using 1:2 t "a-guti-1.dat" using 1:2 t "i-eguti-1.dat" using 1:2 t "i-eguti-1.dat" using 1:2 t "i-eguti-1.dat" using 1:2 t "i-s
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using 1:2 t "o-s asx8N1" w p 5, cosf(t), sin(t) t "1.0" w l 1, 0.7" vosf(t), 0.7" w l 1 l s asx8N1" w p 5, cosf(t), sin(t) t "aiueo-K9N1.obj' replot; set terminal tgif; set cutput "aiueo-K9N1.obj' replot; set terminal x11; replot
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           plot [0:2*pi][-2:2][-2:2] "eguti-a-polesK8N1-1.dat" using 1:2 t "a-egutiK8N1", "sawa-a-polesK8N1-1.d
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            "sawa-u-polesK8N1-1.d
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       "sawa-i-polesK8N1-1.d
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#ただし、従来のように分析次数K個のすべての極の距離を調べたらだめ!?
for F in a i u e o aineo i do
fbody=5(F)-K8N1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     #上の結果を眺めると、各母音毎に、特徴的な数個の極の付近に極が有るか無いかで認識できそう。
# ただし、従来のように分析次数K個のすべての極の距離を調べたらだめ i?
for F in a i u e o aineo i do
fbody=_${F}-K9N1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            tgif -print -eps ${fbody}.obj;
lpr ${fbody}.eps;
tgif -print -eps ${fbody}.obj;
lpr ${fbody}.eps;
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22016 set size aguare; set parametric
22017 set boxwidth 2
22018 set size aguare; set parametric
22018 set size aguare; set parametric
22019 splect [-2:21]: "sawa-a-poles8(9N2-34.dat" using 1:2:5 w boxes, "eguti-a-poles8(9N1-1.dat" using 1:2:5 w boxes, "sawa-a-poles8(9N1-1.dat" using 1:2:5 w boxes, "eguti-a-poles8(9N1-1.dat" using 1:2:5 w boxes, "sawa-a-poles8(9N1-1.dat" using 1:2:5 w boxes, "sawa-a-poles8(9N1-1.dat" using 1:2:5 w boxes, "eguti-o-poles8(9N1-1.dat" using 1:2:5 w boxes, "sawa-a-poles8(9N1-1.dat" using 1:2:5 w boxes, "sawa-a-poles8(9N1-1.dat" using 1:2:5 w boxes, "eguti-o-poles8(9N1-1.dat" using 1:2:5 w boxes, "sawa-a-poles8(9N1-1.dat" using 1:2:5 w boxes, "such a - poles8(9N1-1.dat" using 1:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1994 set size square; set parametric 21994 set size square; set parametric 21995 plot (10:*Ppi1/2:2:]" cawa-a-polesK9N32-34.dat" using 1:2 ... cos(t.).sin(t), "sawa-a-polesK9N32-34.dat" using 1:2 ... cos(t.).sin(t), "sawa-a-polesK9N32-34.dat" using 1:2 ... sawa-i-polesK9N32-34.dat" using 1:2 ... sawa-i-polesKN32-34.dat" using 1:2 ... sawa-i-polesK9N32-34.dat" using 1:2 ... sawa-e-polesK9N32-34.dat" using 1:2 ... sawa-e-polesK9N32-34.sawa.obj"; replot; set terminal tgif; set output "-o-K9N32-34-sawa.obj"; replot; set terminal tgif; set output "-o-K9N32-34-sawa.obj"; replot; set terminal X11; replot
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        22009 set size square; set parametric
22010 plot [0:2*pl] -[2:2] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] -[3:4] 
                                                                                                                                                                                                             21987 set terminal tgif; set output "_e-K9N32-34-eguti.obj"; replot; set terminal X11; replot 21988 plot [0:2*pi][-2:2][-2:2] "eguti-o-polesK9N32-34.dat" using 1:2 t "a-egutiK9N32-34" "sawa-o-polesK9N3-34.dat" using 1:2, "eguti-o-polesK9N1-1.dat" using 1:2, "sawa-o-polesK9N1-1.dat" using 1:2, cos(t),sin(t) t "" w 1 1 1 1 1 1 1 21989 set terminal tgif; set output "_o-K9N32-34-eguti.obj"; replot; set terminal X11; replot
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       22012 plot [0:2*pl][-2:2][-2:2] "sawa-a-polesK9N32-34.dat" using 1:2 w p 2 2, "sawa-i-polesK9N32-34.dat" u sing 1:2 w p 2 2, "sawa-e-polesK9N32-34.dat" using 1:2 w p 2 2, "sawa-e-polesK9N32-34.dat" using 1:2 w p 2 2, "sawa-e-polesK9N32-34.dat" using 1:2 w p 1 1, "eguti-i-polesK9N32-34.dat" using 1:2 w p 1 1, "eguti-i-polesK9N32-34.dat" using 1:2 w p 1 1, "eguti-i-polesK9N32-34.dat" using 1:2 w p 1 1, "eguti-e-polesK9N32-34.dat" using 1:2 w p 1 1 1, "eguti-e-polesK9N32-34.dat" using 1:2 w p 1 1 1, "eguti-e-polesK9N32-34.dat" using 1:2 w 
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                                                                             N32-34.dat" using 1:2, "eguti-e-polesK9N1-1.dat" using 1:2, "sawa-e-polesK9N1-1.dat" using 1:2, cos(t),sin(t) t
) t "" w 1 1 1
plot [0:2*pi][-2:2][-2:2] "eguti-e-polesK9N32-34.dat" using 1:2 t "a-egutiK9N32-34",
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    22015
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#Ttrain, Ttotal: points in time of training and total data #YOmin yOmax ylmin ylmax for normalization
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            >>MSE---;1.135538e+03 NMSE---;1.122964e+00eguti-a K=12 N=50???
>>MSE---;7.135935e+01 NMSE---;2.694551e-02eguti-i K=12 N=50
                                                                                                                                                                                                                                                                                                                                                                           prepare_data() in my_function.c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ---,8.48.2830e+01 NMSE---;8.38897e-02eguti-a K-9 N=32
---,1.537026e+02 NMSE---;5.803857e-02eguti-i K=9 N=32
---,4.719879e+02 NMSE---;1.411442e-01eguti-u K=9 N=32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 >-WESS---1; 8.381262+01 NWSE---; 7.169715e-02eguti-e K=9 N=32

>-WESS---1; 17.2052e-01 NWSE---; 7.78818Pe-0.3eguti-e K=9 N=32

>-WESS---1; 17.2052e-01 NWSE---; 4.03384e-0.2aawa-a K=9 N=32

>-WESS---; 5.86102e-02 NWSE---; 1.289923e-01sawa-i K=9 N=32

>-WESS---; 5.686022e-02 NWSE---; 1.007028e-01sawa-a K=9 N=32

>-WESS---; 5.8999751e+01 NWSE---; 1.007028e-01sawa-a K=9 N=32

>-WESS---; 5.856396e+02 NWSE---; 1.642414e-02aawa-c K=9 N=32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ---;9.982510e+02 NMSE---;9.871970e-0leguti-a K=12 N=1
---;1.119767e+03 NMSE---;4.228275e-0leguti-i K=12 N=1
---;3.220792e+03 NMSE---;9.631524e-0leguti-u K=12 N=1
---;1.097598e+03 NMSE---;9.389359e-0leguti-e K=12 N=1
---;1.350245e+03 NMSE---;8.883787e-0leguti-e K=12 N=1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 $ (g) 0.7 #1=0.conline,i=1:batch, gamma0, entropy_thresh $ (T)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              >>MSE---;9,982510e+02 NMSE---;4.28275e-01eguti-a K=12.
>>MSE---;1.11976+043 NMSE---;4.28275e-01eguti-k=12.
>>MSE---;3.120792e+03 NMSE---;9,631524e-01eguti-k=12.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      core from above are in param.dat---" echo "----Eexecuting can2 for dname=\{\text{dname}\}, N=\{\text{N}\}." #can2 sparam.dat > /dev/null
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       can2 cparam.dat echo "### Done can2 for ${dname} K=${K} N=${N}" echo "### Done can2 for ${dname} K=${K} N=${N}" ep bestmap.nat ${file} ep predict.dat ${predfile} ep tmp/poles.dat ${prile2} ep tmp/poles.dat ${prile2}
if [ \S\{K\} -eq 9 ] , then N2=32; else N2=50 ; fi for N in 1 \S\{N2\} ; do
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       --the following are param.dat---"
                                                                                                                                                           pfile=tmp/${dname}-polesK${K}N${N}.dat
pfile2=tmp/${dname}-poles2K${K}N${N}.dat
                                                                                                                                                                                                                                                                        Omit calculation.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          #n_cells storing vectors
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              echo "Executing can2 for N=\$\{N\}"
                                                                                                                                                                                                                                                                                                                                                         cat > param.dat << EOF
) #0:timeseries,1:chaos
                                                                                                            file=tmp/bestmspN${N}.net
predfile=tmp/predictN${N}.dat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                #width window width
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               #v_thresh v_min
                                                                                                                                                                                                                                            ${pfile} ] ; then
                                                                                                                                                                                                                                         if [ -e ${pfile} ] ; t
echo ${pfile} exists.
                                                    #for N in 1 3 do
                                                                                                                                                                                                                                                                                                                                                                                                    {K} 0 #channels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           #v ratio
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             #display
                                                                                                                                                                                                                                                                                                                                                                                                                                      {dn_timeseries}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   cat param.dat
                                                                                                                                                                                                                                                                                                                                                                                                                                                         {t1} ${t2}
0 0 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               bestmsp.net
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          echo "--
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            .5 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             >> MSE-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               >> MSE-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ####
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 $ { pM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (Z
                                                                                                                                                                                                                                                                                                 else
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22120
22121
22122
22123
```

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splot [-2:2][-2:2] "eguti-o-polesN32.dat" plot [0:2*pi][-2:2][-2:2] "eguti-a-polesN]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   #channels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     #################
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     square
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         051215
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plot
plot
plot
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                $\begin{align*}
\text{ship}(\tau) & \text{ship
                                                                                                                                                                                                                                                                                                                      sin(t),
22186
sin(t),
22187
sin(t),
22188
sin(t),
                                                                                                                                                                                                22184
sin(t),
22185
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           sin(t)
22199
sin(t)
22200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       sin(t)
22201
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           22198
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                using 3:4,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     "eguti-a-polesZXSN32.dat" using 5:6, "eguti-a-polesZXSN32.dat" using 7:8, "eguti-a-polesZXSN32.dat" using 9:
". "eguti-a-polesZXNN32.dat" using 11:12, "eguti-a-polesZXSN32.dat" using 13:14, "eguti-a-polesZXSN32.dat" using 11:12, "eguti-a-polesZXN32.dat" using 11:12, "eguti-a-polesXSN1.dat" using 11:2
22163
22163
22163
22164
2216 | "cara = polesZXISN32.dat" using 17:18, cos(t),sin(t), "eguti-a-polesXXIZN50.dat" using 3:4, "sawa-a-polesZXIZN50.dat" using 3:4, "sawa-a-polesZXIZN50.dat" using 9:
"cara = polesZXIZN50.dat" using 5:6, "sawa-a-polesZXIZN50.dat" using 13:14, "sawa-a-polesZXIZN50.dat" using 11:12, "sawa-a-polesZXIZN50.dat" using 13:14, "sawa-a-polesZXIZN50.dat" using 12:16, "sawa-a-polesZXIZN50.dat" using 12:16, "sawa-a-polesZXIZN50.dat" using 12:22, "sawa-a-polesZXIZN50.dat" using 12:224, cos(t),sin(t)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     "eguti-a-poles2K12N
sing 19:20, "eguti-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              , "eguti_a-poles2X12XB50,def" using 5.6, "eguti-a-poles2X12XB50.det" using 1:2, "eguti-a-poles2X12XB50.det" using 9:10, "eguti-a-poles2X12XB50.det" using 11:12, "eguti-a-poles2X12XB50.det" using 13:14, "eguti-a-poles2X12XB50.det" using 13:14, "eguti-a-poles2X12XB50.det" using 13:14, "eguti-a-poles2X12XB50.det" using 13:15, "eguti-a-poles2X12XB50.det" using 19:20, "eguta-a-poles2X12XB50.det" using 19:20, "eguta-a-poles2X12XB50.det" using 19:20, "eguta-a-poles2X12XB50.det" using 19:20, "eguta-a-poles2XI2XB50.det" using 23:24, cos(t),sin(t)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              22170 plot [0:2*pi][-2:2][-2:2] "eguti-a-poles2N32.dat" using 1:2, "eguti-a-poles2N32.dat" using 3:4, ti-a-poles2N32.dat" using 5:6, "eguti-a-poles2N32.dat" using 5:6, "eguti-a-poles2N32.dat" using 9:10, "e.-a-poles2N32.dat" using 11:12, "eguti-a-poles2N32.dat" using 13:14, "eguti-a-poles2N32.dat" using 15:16, uti-a-poles2N32.dat" using 11:18, cos(t),sin(t) 22171
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              using 1:2,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           using 1:2,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     using 1:2,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  using 1:2,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                using 1:2,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              using 1:2,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     using 1:2,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   "eguti-u-polesN1.dat" using 1:2,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     "eguti-a-poles2K9N32.dat"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           "sawa-o-polesK12N1.dat"
using 1:2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           .dat"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              "sawa-o-polesK12N1.dat"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    > eguti-a-polesN32+.dat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  .dat"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     "sawa-i-polesK12N1.dat"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  .dat"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    " using 1:2
" sawa-u-polesK12N1.d
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              "sawa-e-polesK12N1
using 1:2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     "sawa-e-polesK12N1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     "eguti-u-polesN1.dat"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           "sawa-a-polesK12N1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  "sawa-u-polesK12N1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           22145 set size square; set parametric
22146 plot [0:2*pi][-2:2][-2:2] "equti-a-polesKIZNI.dat" using 1:2, "saw
(t), sin(t), "equti-a-polesK9NI.dat" using 1:2, "sawa-a-polesK9NI.dat" usin
22147 plot [0:2*pi][-2:2][-2:2][-sin(t).dat" using 1:2, "sawa-i-polesK9NI.dat" usin
(t), sin(t), "equti-i-polesK9NI.dat" using 1:2, "sawa-i-polesK9NI.dat" usin
22148 plot [0:2*pi][-2:2][-2:2] "equti-a-polesK1ZNI.dat" using 1:2, "sawa-t-polesK9NI.dat" using
22149 plot [0:2*pi][-2:2][-2:2] "equti-a-polesK1ZNI.dat" using
22150 plot [0:2*pi][-2:2][-2:2] "equti-a-polesK1ZNI.dat" using
22150 plot [0:2*pi][-2:2][-2:2] "equti-a-polesK1ZNI.dat" using
22:5] "equti-a-polesK9NI.dat" using 1:2, "sawa-a-polesK9NI.dat" using
22:5] "equti-a-polesK9NI.dat" using 1:2, "sawa-a-polesK9NI.dat" using
22:5]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                set size square; set parametric
plot [0:2*pi][-2:2][-2:2] "eguti-a-poles2K9N32.dat" using 1:2,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1:2,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     (t),sin(t)
22158 plot [0:2*pi][-2:2][-2:2] "eguti-o-polesK12N1.dat" using 1:2,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         using 1:2,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  using 1:2,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           plot [0:2*pi][-2:2][-2:2] "eguti-e-polesK12N1.dat" using 1:2,
--;5.020893e-02eguti-u K=12 N=50
--;5.655892e-01eguti-e K=12 N=50
--;2.581017e-02eguti-o K=12 N=50
                                                                                                                                                  >>MSE---: 4, 602902e+01 NMSE---: 8, 711829e-01sawa-a K=12 N=1

>>MSE---: 0, 466471e+02 NMSE---: 2, 747538e-01sawa-i K=12 N=1

>>MSE---: 2, 030515e+03 NMSE---: 7, 61687e-01sawa-u K=12 N=1

>>MSE---: 1, 166290e+03 NMSE---: 9, 02243a-01sawa-c K=12 N=1

>>MSE---: 1, 004039e+03 NMSE---: 4, 591491e-01sawa-c K=12 N=1

>>MSE---: 1, 259704e+00 NMSE---: 2, 84219e-03sawa-a K=12 N=50

>>MSE---: 1, 140312e+02 NMSE---: 9, 300648e-02sawa-i K=12 N=50

>>MSE---: 2, 92572e+01 NMSE---: 1, 907436e-02sawa-i K=12 N=50

>>MSE---: 2, 92572e+01 NMSE---: 1, 07436e-02sawa-c K=12 N=50

>>MSE---: 1, 140312e+02 NMSE---: 1, 07436e-02sawa-c K=12 N=50
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                cat eguti-a-polesN32.dat | awk '{print $5, $1, $2}' | inscr
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     using 1:2,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   using 1:2,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                using
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       set size square; set parametric
plot [0:2*pi][-2:2][-2:2] "eguti-a-poles2K12N50.dat"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       22153 set size square; set parametric
22154 plot [0:2*pi][-2:2][-2:2] "eguti-a-polesK12N1.dat"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         "eguti-i-polesK12N1.dat"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  "eguti-u-polesK12N1.dat"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     using
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using
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 splot [-2:2][-2:2] "eguti-a-polesN32.dat"
splot [-2:2][-2:2] "eguti-i-polesN32.dat"
splot [-2:2][-2:2] "eguti-u-polesN32.dat"
splot [-2:2][-2:2] "eguti-a-polesN32.dat"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       polesN1.dat" using 1:2, cos(t), sin(t)
    NMSE-
NMSE-
NMSE-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                (t),sin(t)
22155 plot [0:2*pi][-2:2][-2:2]
(t),sin(t)
22156 plot [0:2*pi][-2:2][-2:2]
    --;1.678992e+02
--;6.611632e+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       set grid;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                gnuplot
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22159
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22157 plo
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22168
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22166
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readmecan2mspeech.txt Jun 19 2021 08:15:37

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cos(t),si
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           cos(t),si
                                                                                                                                                                                                  cos(t),
                                                                                                                                                                                                                                           cos(t),
                                                                                                                                                                                                                                                                                                                                                                             cos(t),si
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      cos(t),si
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             cos(t),
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      cos(t),
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                         cos(t)
                                                                                                           cos(t),
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                                                                                                                                                                                                                                                                                      cos(t),
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                         1:2,
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                                                                                                                                                                                                                                                                                      1:2,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      "sawa-o-polesN32.dat" using 1:2,
                                                                                                                                                                                                                                                                                                                                                                             1:2,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      using 1:2,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        "sawa-e-polesN32.dat"
                                                                                                                                                                                                                                                                                      "eguti-o-polesN1.dat"
                         "eguti-a-polesN1.dat"
                                                                                                                                                                                                  "eguti-u-polesN1.dat"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      "sawa-i-polesN32.dat"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 "sawa-u-polesN32.dat"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                (1)予測ステップ数を増やすとmap E(多段予測結果をアンサンブル;下述)の方が安定?よい?####################Do Pelow.
                                                                                                           "eguti-a-polesN1.dat"
                                                                                                                                                                                                                                           "eguti-e-polesN1.dat"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           "sawa-e-polesN1.dat"
                                                                                                                                                                                                                                                                                                                                                                             "sawa-a-polesN1.dat"
                                                                                                                                                                                                                                                                                                                                                                                                                      "sawa-i-polesN1.dat"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      "sawa-o-polesN1.dat"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  "sawa-u-polesNl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        dn_regression=./tmp/${dname}-fa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             using
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o-polesN32.dat" using 1:2:5 w boxes "eguti-a-polesN32.dat" using 1:2, ".
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              .dat".dat".dat".
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      set size square; set parametric
plot [0:2*pi][-2:2][-2:2] "eguti-a-polesN32.dat" using 1:2,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   "sawa-a-polesNl.dat" u
"sawa-i-polesNl.dat" u
"sawa-u-polesNl.dat" u
"sawa-e-polesNl.dat" u
"sawa-o-polesNl.dat" u
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              "sawa-a-polesNl.dat" u
"sawa-i-polesNl.dat" u
"sawa-u-polesNl.dat" u
"sawa-e-polesNl.dat" u
"sawa-o-polesNl.dat" u
                                                                                                           1:2,
                                                                                                                                                                                                                                                                  22190 set size square; set parametric 22191 plot [0:2*pi][-2:2][-2:2] "sawa-a-polesN32.dat" using 1:2, 22192 plot [0:2*pi][-2:2] "sawa-a-polesN32.dat" using 1:2, 22192 plot [0:2*pi][-2:2] "sawa-1-pol-artipolesN1.dat" using 1:2, 22193 plot [0:2*pi][-2:2] "sawa-1-pol-artipolesN1.dat" using 1:2, 22193 plot [0:2*pi][-2:2][-2:2]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          "eguti-e-polesN32.dat" using 1:2,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      plot [0:2*pi][-2:2][-2:2] "eguti-o-polesN32.dat" using 1:2,
                                                                                                                                                      using 1:2,
                                                                                                                                                                                               using 1:2,
                                                                                                                                                                                                                                           using 1:2,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      plot [0:2*pi][-2:2][-2:2] "eguti-i-polesN32.dat" using 1:2,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               "eguti-u-polesN32.dat" using 1:2,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               . ...o. 10:2*p1][-2:2][-2:2] "sawa-o-polesN32.dat" using 1:2,
"eguti-o-polesN1.dat" using 1:2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           "sawa-e-polesN32.dat" using 1:2,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          using 3:4, "eguti-a-polesNI.
using 3:4, "eguti-i-polesNI.
using 3:4, "eguti-a-polesNI.
using 3:4, "eguti-e-polesNI.
using 3:4, "eguti-o-polesNI.
                                                                                                             using
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            #0:timeseries,1:chaos prepare_data() in
                                                                                      set size square; set parametric
plot [0.2*pij]=2.21]=2.21] "aguti-a-polesN32.dat"
sawa-polesN1.dat" using 1:2
plot [0.2*pij][-2.2][-2.2] "eguti-i-polesN32.dat"
                                                                                                                                                                                                  "eguti-u-polesN32.dat"
                                                                                                                                                                                                                 "sawa-u-polesNI.dat" using 1:2
plot [0:2*pi][-2:2][-2:2] "eguti-e-polesN32.dat"
"sawa-e-polesNI.dat" using 1:2
"sawa-o-polesNI.dat" using 1:2
"sawa-o-polesNI.dat" using 1:2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   export dn_timeseries=./data/${dname}.dat export ti=2000 t2=2200 method=mspE export ti=2000 t2=10000 method=mspE export Ni=32 N2=50 ens= export Ni=32 N2=32 ens=
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     cat >param.dat << EOF #save parameters
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   plot "eguti-a-polesNI.dat" using 3:4, plot "eguti-i-polesNI.dat" using 3:4, plot "eguti-u-polesNI.dat" using 3:4, plot "eguti-e-polesNI.dat" using 3:4, plot "eguti-o-polesNI.dat" using 3:4,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            plot "sawa-a-polesN32.dat" using 3:4,
plot "sawa-i-polesN32.dat" using 3:4,
plot "sawa-u-polesN32.dat" using 3:4,
plot "sawa-e-polesN32.dat" using 3:4,
plot "sawa-o-polesN32.dat" using 3:4,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ########################### below.
export dname=eguti-a K=9 T=100 g=5e-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ${dn_timeseries} #training file
${t1} ${t2} #Ttrain,Ttotal
0 0 0 0 #Yomin yomax ylmin
                                                                                                                                                                        "sawa-i-polesN1.dat" using 1:2
plot [0:2*pi][-2:2][-2:2] "egut
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 n(t), "equti-u-polesNI.dat" using 1:2
22194 plot [0:27p1][-2:2][-2:2] "saw
n(t), "equti-e-polesNI.dat" using 1:2
22195 plot [0:2*pi][-2:2][-2:2] "saw
n(t), "equti-o-polesNI.dat" using 1:2
22196
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          t "eguti-a-polesN32.dat" u
t "eguti-i-polesN32.dat" u
t "eguti-u-polesN32.dat" u
t "eguti-e-polesN32.dat" u
t "eguti-o-polesN32.dat" u
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               plot [0:2*pi][-2:2][-2:2]
```

readmecan2mspeech.txt

export N=\${N1}
while [\${N} -le \${N2}] ; do file=tmp/bestmspN\${N}.net predfile=tmp/predictN\${N}.dat 22399 22400 22401 22402 22403 22404 22404 22406 22406 #Ttrain, Ttotal: points in time of training and total data #YOmin yOmax ylmin ylmax for normalization #Ttrain, Ttotal: points in time of training and total data #y0min y0max y1min y1max for normalization #N1=32 N2=35 #N1=32 N2=39 #N1=32 N2=\$ (N1) #N1=33 N2=\$ (N1) #N1=34 N2=\$ (N1) #N1=35 N2=\$ (N1) #N1=35 N2=\$ (N1) #N1=36 N2=\$ (N1) #N1=36 N2=\$ (N1) cat > param.dat << EOF
0 #0:timeseries,1:chaos prepare_data() in my_function.c</pre> cat > param.dat << EOF
0 #0:timeseries,1:chaos prepare_data() in my_function.c</pre> $\begin{array}{l} \#N1 = 32 \ N2 = \$ \left\{N1\right\} \\ \#N1 = 33 \ N2 = \$ \left\{N1\right\} \\ \#N1 = 34 \ N2 = \$ \left\{N1\right\} \\ \#N1 = 32 \ N2 = 32 \end{array}$ 5e-3 0.7 #i=0:online,i=1:batch, gamma0, entropy_thresh #N1=32 N2=50 #N1=32 N #N1=32 N #N1=34 N #N1=34 N #N1=35 N #N1=35 N #N1=35 N #N1=36 N #N1=36 N 6 > NASE --- 7: 0.15479+0.7 NASE --- 7: 1.900351e-0.1 #N1=32 7 > NASE --- 7: 0.1860e+0.2 NASE --- 7: 4.732172e-0.1 #N1=33 7 > NASE --- 7: 0.1860e+0.2 NASE --- 7: 6.90351e-0.1 #N1=32 9 export 1=5000 to=5000 method=mspE 10 mspE> NASE --- 7: 0.7720e+0.2 NASE --- 7: 0.7038e+0.0 #N1=32 11 mspE> NASE --- 7: 0.7720e+0.2 NASE --- 7: 0.70467e-0.1 #N1 12 mspE> NASE --- 7: 0.31921e+0.2 NASE --- 7: 0.70467e-0.1 #N1 13 mspE> NASE --- 7: 0.391921e+0.2 NASE --- 7: 0.70467e-0.0 #N1 14 mspE> NASE --- 7: 0.391921e+0.3 NASE --- 7: 0.6622e+0.0 #N1 15 mspE> NASE --- 7: 0.39446e+0.3 NASE --- 7: 1.391197e+0.0 #N1 15 mspE> NASE --- 7: 0.347076e+0.3 NASE --- 7: 1.391197e+0.0 #N1 16 mspE> NASE --- 7: 0.37488e+0.2 NASE --- 7: 1.391197e+0.0 #N1 17 mspE> NASE --- 7: 0.347488e+0.3 NASE --- 7: 1.735474e+0.0 #N1 17 mspE> NASE --- 7: 0.74488e+0.3 NASE --- 7: 1.735474e+0.0 #N1 ####Do above. cat param.dat ###The following are the result of the above. the following are param.dat---" above are in param.dat---" it > /dev/null op tmp/train+test.dat \${dn_regression} ###N1からN2までに対するcan2の実行 #iterations to execute #n_cells storing vectors while [\${\mathbb{N}}^{\text{N}} - Le \${\mathbb{N}}^{\text{N}}] ; do file=mm/bestmspks{k}\ \mathbb{N}.net predfile=tmp/predictks{k}\ \mathbb{N}.dat \mathbb{N} \mathbb{I} \mathbb{I} \mathbb{I} \mathbb{I} \mathbb{I} \mathbb{I} \mathbb{I} \mathbb{I} \mathbb{N} \mathbb{I} \math export t1=2000 t2=3000 method=mspE echo "Executing can2 for N=\${N}" window width <param.dat >/dev/null #v_thresh v_min cp bestmsp.net \${file} cp predict.dat \${predfile} #######アンサンブルの実行 export ens=\$ens" "\${file} N='expr \${N} + 1' cat param.dat echo "---the above can2 <param.dat > /c #n_compare /can2 < param.dat {dn_timeseries} {t1} \${t2} 0 0 0 #y0r {dn_timeseries} :{t1} \${t2} 0 0 0 #y0 #v_ratio #display export N=\${N1} 0 #channels #width 0 #channels \${ens} \${method} 0.53 {ens} \$ {N} echo done EOF 100

readmecan2mspeech.txt

```
#38:15(N:38-52) Lhat=2.549e-03 Lvarmin199=9.518e-02 Lvar0=9.125e-02 Lval=3.430284e+00**N:39-51
#30:14(N:30-42) Lhat=3.68028e-00**N:31-42
#44:46(N:44-89) Lhat=5.800e-04 Lvarmin237=1.0709e-01 Lvar0=1.090e-01 Lval=2.780940e-00**N:45-88
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               #Trrain, Ttotal: points in time of training and total data #YOmin yOmax ylmin ylmax for normalization
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                                                                                                                                                                                                                                                                                             export NI=31 NZ=34 ens= #>>NSE---;9.264342e+02 NNSE---;9.161755e-01 export NI=38 NZ=42 ens= #>>NSE---;1.0042e+03 NNSE---;1.05813ae+00 export NI=32 NZ=42 ens= #>>NSE---;1.109918e+03 NNSE---;1.105813ae+00 export NI=32 NZ=35 ens= #>>NSE---;1.109918e+03 NNSE---;1.186513e+00 export NI=32 NZ=35 ens= #>>NSE---;9.207404e+02 NNSE---;9.105447e-01 export NI=32 NZ=36 ens= #>>NSE---;9.200497e+03 NNSE---;9.118759e+00 export NI=32 NZ=37 ens= #>>NSE---;9.480944e+01 NNSE---;9.37595e-01 export NI=32 NZ=38 ens= #>>NSE---;9.058365e+02 NNSE---;9.37595e-01 export NI=32 NZ=41 ens= #>>NSE---;9.10915ae+01 NNSE---;9.087396e-01 export NI=32 NZ=41 ens= #>>NSE---;9.18915ae+02 NNSE---;9.087396e-01 export NI=32 NZ=60 ens= #>>NSE---;9.078947e+02 NNSE---;9.087396e-01
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if [ -e ${file} ] ; then
echo $file exists. Omit calculation.
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#30: 7(N:30-36) Lhat-4.8256-04 Lvarmin 0=2.5376-01 Lval=2.6394646-00**N:33-33
#30: 8(N:30-37) Lhat-4.8256-04 Lvarmin 12-5.5376-01 Lvar0=2.5376-01 Lval=2.6594646-00**N:33-38
#30: 9(N:30-38) Lhat-4.8256-04 Lvarmin 2=2.5376-01 Lvar0=2.5376-01 Lval=2.6294646+00**N:33-35
#30:10(N:30-39) Lhat-4.8256-04 Lvarmin 3=2.5376-01 Lvar0=2.5376-01 Lval=2.6294646+00**N:33-35
#30:11(N:30-30) Lhat-4.8256-04 Lvarmin 3=2.5376-01 Lval=2.6294646+00**N:33-36
#30:11(N:30-40) Lhat-4.8256-04 Lvarmin 4=2.5376-01 Lval=2.6294646+00**N:33-36
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(RN:84-86 (N:88-17) Lhat=4.808-0.2 Lvarimin49=1.539=0.2 Lvarl=1.539=0.2 Lval=3.859228e+00**N:31-36

(RN:30-37) Lhat=4.8089-0.3 Lvarimin43=3.261e-0.2 Lvarl=3.261e-0.2 Lvarl=3.859228e+00**N:31-36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /ens2ge ${dn_regression} ${dn_regression} N:30-50:1 ib:0:0:0:1 M:1-50:1 k:${K} g:${g} T:${T} [コニット数 森素
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  export dname=eguti-a K=9 T=100 g=5e-3 export dname=eguti-a K=9 T=100 g=5e-3 dat dn_regression=./tmp/${dname}-fa.dat export dn_Lineseries./tenepare_dat << EDF #89ve parameters of #0:timeseries,1:chaos prepare_data() in my_function.c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          #Trzain, Ttotal: points in time of training and total data #yOmin yOmax ylmin ylmax for normalization
                                                                                                                                                                                   #Ttrain, Ttotal: points in time of training and total data
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$\downumber(downumber) #training and total data
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0 0 0 #y0min y0max y1min y1max for normalization
                                                                                         cat > param.dat << EOF
0 #0:timeseries,1:chaos prepare_data() in my_function.c</pre>
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                             calculation
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cp predict.dat ${predfile}
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if [ -e ${file} ] ; then
echo $file exists. Omit or
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20513 ./ens2ge ${dm_regression}$ ${dm_regression}$ N:20-70:1 ib:0:0:0:1 M:1-1:1 k:${K}$ g:${g}$ T:${T}$ >/dev/n ull #最適 u=y *venture.cussion *g *dm_regression}$ ${dm_regression}$ N:20-70:1 ib:0:0:0:1 M:1-1:1 k:${K}$ g:${g}$ T:${T}$ >/dev/n ull #最適 u=y *venture.gev *g *dm_regression}$ ${dm_regression}$ ${dm_regressio
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ###(2) save a data file (tmp/train+test.dat) for regression(function approximation) from time series
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Jun 19 2021 08:15:37 readmecan2mspeech.txt

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export dname=eguti-a dn_timeseries=./data/${dname}.dat dn_regression=./tmp/${dname}-fa.dat T=100 g=5
                   ##g1obal min of Livar with local min of index (bneighbour of (II.id) % 19191. "1414 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 1416 | 
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  _regression} \{dn\_regression\} \ N:20-70:1 \ ib:0:0:0:1 \ m:3-3:1 \ k:\$\{K\}
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Jun 19 2021 08:15:37

readmecan2mspeech.txt

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#execute
5.000000e-04 7.00000e-01 #
#iterations to execute
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#show batch params
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 #display
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22772 (83.3 [N:86-55] Libral... Azone-02 Lyarimin 0=1.188-29 Lyal=3.46465e+00**N:64-64
22773 (83.3 [N:86-52] Libral... Azone-02 Lyarimin1=1.295e-29 Lyaro=1.296-29 Lyal=3.324545e+00**N:51-51
22774 70: 3[N:70-52] Libral... 529e-02 Lyarimin1=1.295e-29 Lyaro=1.306-29 Lyal=3.304599+00**N:51-51
22775 50: 3[N:70-72] Libral... 016e-02 Lyarimin18=1.311e-29 Lyaro=1.310e-29 Lyal=3.504134e+00**N:58-58
22777 50: 3[N:70-79] Libral... 016e-02 Lyarimin18=1.311e-29 Lyaro=1.310e-29 Lyal=3.504134e+00**N:58-58
22777 50: 3[N:70-79] Libral... 016e-02 Lyarimin18=1.311e-29 Lyaro=1.310e-29 Lyal=3.72040e+00**N:58-58
22777 50: 3[N:70-74] Libral... 02000 min of Libral (Sneighbour of [1] Id) **Use this or the next)**
22779 50: 3[N:30-74] Libral... 02000 min of Libral (Sneighbour of [1] Id) **Use this or the next)**
22779 50: 3[N:30-74] Libral... 02000 min of Libral (Sneighbour of [1] Id) **Use this or the next)**
22779 50: 5[N:30-74] Libral... 02000 min of Libral (Sneighbour of [1] Id) **Use this or the next)**
22789 50: 5[N:30-74] Libral... 02000 min of Libral (Sneighbour of [1] Id) **Use this or the next)**
22789 50: 5[N:30-74] Libral... 02000 min of Libral (Sneighbour of [1] Id) **Use this or the next)**
22789 50: 5[N:30-74] Libral... 02000 min of Libral (Sneighbour of [1] Id) **Use this or the next)**
22789 50: 5[N:30-74] Libral... 02000 min of Libral (Sneighbour of [1] Id) **Use this or the next)**
22789 50: 5[N:30-74] Libral... 02000 min of Libral (Sneighbour of [1] Id) **Use this or the next)**
22789 50: 5[N:30-74] Libral... 02000 min of Ida (Sneighbour of [1] Id) **Use this or the next)**
22789 50: 5[N:30-74] Libral... 02000 min of Ida (Sneighbour of [1] Id) **Use this or the next)**
22789 50: 5[N:30-74] Libral... 02000 min of Ida (Sneighbour of [1] Id) **Use this or the next)**
22789 50: 5[N:30-74] Libral... 02000 min of Ida (Sneighbour of [1] Id) **Use this or the next)**
22789 50: 5[N:30-74] Libral... 02000 min of [1] Ribral... 02000 min of [
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          6 ###10.00al min of Ivar with local min of Lhat (9neighbour of (11,1d) **Use this or the next)**
(6 ###10.00al min of Ivar with local min of Lhat (9neighbour of (11,1d) **Use this or the next)**
(8 68: 7(N:168-24) Lhat=5.051e-02 Lvarmin 9=7.028e-30 Lvar0e-6.613e-30 Lval=5.259444+00**N:121-21
(9 44: 7(N:44-6.0) Lhat=6.064e-02 Lvarmin145=7.074e-30 Lvar0=7.028e-30 Lval=3.304559e+00**N:71-71
(0 2: 7(N:44-6.0) Lhat=6.00 Lvarmin125=7.420e-30 Lvar0=7.0420e-30 Lval=1.765152e+01**N:5-6
(1 57: 7(N:57-63) Lhat=7.145e-02 Lvarmin27=7.535e-30 Lvar0=7.355e-30 Lval=3.55989e+00**N:60-60
(2 ens2ge //train+test.dat //train+test.dat N:1-70:1 m:9-9:1 lb:0:0:0:4 k:9 g:5e-4 T:10 >/dev/null #最適
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         22768
22769 ens2ge /train+test.dat ./train+test.dat Nil-70:1 m:3-3:1 ib:0:0:0:1 k:9 g:5e-4 T:10 >/dev/null #最適
22770 ##global min of Lvar with local min of Lhat (9neighbour of (11,1d) **Use this or the next)**
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           :57-65) Lhat-8.611e-02 Lvarmin27=2.802e-29 Lvar0=2.802e-29 Lval=3.544234e+00**N:61-61
:38-46) Lhat-1.1.68e-01 Lvarmin31=2.827e-29 Lvar0=2.827e-29 Lval=4.354537e+00**N:42-42
:44-52) Lhat-7.393e-02 Lvarmin33=2.846e-29 Lvar0=2.846e-29 Lval=4.129611e+00**N:48-48
:44-52) Lhat-7.893e-02 Lvarmin33=2.846e-29 Lvar2=2.846e-29 Lval=4.129611e+00**N:48-48
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ##global min of Ivar with local min of Lhat (9reighbour of (11,1d) **10e this or the next)**
1: 9(N: 1.- 9) Inhat-4.0570+00 Ivarmin 8=2.691e-29 Ivar0-2.691e-29 Ivar1-1.7651520+01**N:5-5
68: 9(N: 68-76) Inhat-6.004e-02 Ivarmin16=2.731e-29 Ivar0-2.731e-29 Ivar0-2.731e-39 Ivar0-2.731e-39
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   %3,000.0 min of Lvar with local min of Lhat (9neighbour of (11,1d) **Use this or the next) **
63: 31R(3-65.1 Lhat=1, 578-0.2 Lvarmin 0=1.198-29 Lvar0=1.198-29 Lvar1=3.2464656-00**R164-64
63: 31R(3-66-70) Lhat=1.720e-02 Lvarmin 0=1.274e-29 Lvar0=1.274e-29 Lvar1=3.32435-e+00**R169-69
50: 3(N150-52) Lhat=1.229e-02 Lvarmin1=1.255e-29 Lvar0=1.295e-29 Lvar1=3.2144.054551e+00**R151-71
70: 3(N150-52) Lhat=3.213e-02 Lvarmin1=1.255e-29 Lvar0=1.306-29 Lvar1=3.304559e+00**R151-71
77: 3(N167-59) Lhat=1.076e-02 Lvarmin14=1.306-29 Lvar0=1.310e-29 Lvar1=3.304559e+00**R151-71
                                                                                                                                                                                                                                                        #Ttrain,Ttotal: points in time of training and total data
#YOmin yOmax ylmin ylmax for normalization
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             #Ttrain,Ttotal: points in time of training and total data #y0min y0max y1min y1max for normalization
                                                                                                                                   #0:timeseries,1:chaos prepare_data() in my_function.c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        #0:timeseries,1:chaos prepare_data() in my_function.c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           gamma0=5e-4T:100N:52>MSE---;6.273330e+01 NMSE---;6.204357e-02 gamma0-1e-3T:100N:52>MSE---;6.28405e-01 NMSE---;6.28482e-02 gamma0-1e-3T:100N:52>MSE---;6.38405e-01 NMSE---;4.109706e-02** gamma0-1e-2T:100N:52>MSE---;4.731408+01 NMSE---;4.709106e-02** gamma0-1e-2T:10N:52>MSE---;4.731408+01 NMSE---;6.475916e-02 gamma0-5e-3T:10N:52>MSE---;8.570549e-01 NMSE---;8.475644e-02 gamma0-5e-3T:10N:52>MSE---;8.570549e-01 NMSE---;8.475644e-02 gamma0-5e-3T:10N:30>MSE---;9.18060e-02 NMSE---;9.18060e-02 NMSE---;9.19060e-02 NMSE---;9.19060e-02 NMSE----;9.19060e
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     5e-3 0.7 #i=0:online,i=1:batch, gamma0, entropy_thresh
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       #iterations to execute
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      cp tmp/train+test.dat ./train+test.dat
                                                                                                                                                                                                                ./data/eguti-a.dat #training file
2000 2200 #Ttrain,Ttotal: po
0 0 0 0 #yOmin yOmax ylmin y
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         'data/eguti-a.dat #training file
                                                                                                                                                                                                                                                                                                                                                                                       #n_cells storing vectors
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         window width
                                                                                                                                                                                                                                                                                                                                                                                                                           #n_compare
#n_tompare
#v_thresh v_min
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     #v_ratio
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      #execute
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44: 9(N:44-52)
                                                                                                                                                                            #channels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 #channels
###########
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22799 ens2ge./
適コニット数探索
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                                                                                           ./can2
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1 = " }
22793
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```

800 ##global min of Lvar with local min of Lhat (9neighbour of (11,1d) **Use this or the next)** 801 42:11(N:42-52) Lhat=1.189=01 Lvarmin1=3.108e-29 Lvar0=3.108e-29 Lval=4.128588e+00**N:47-47 802 70:11(N:70-80) Lhat=7.130e-02 Lvarmin1=3.136e-29 Lvar0=3.136e-29 Lval=3.28393e+00**N:75-75 804 33:11(N:35-45) Lhat=1.512e-01 Lvarmin10=3.187e-29 Lvar0=3.136e-29 Lval=4.334537e+00**N:42-42 805 37:11(N:35-45) Lhat=1.346e-01 Lvarmin10=3.186e-29 Lvar0=3.136e-29 Lval=4.355211e+00**N:42-42 806 ensage (train+test.dat ./train+test.dat N:1-70:1 m:13-13:1 ib:0:0:0:6 k:9 g:5e-4 T:10 >/dev/null #限 807 ##global min of Lvar with local min of Lhat (9neighbour of (11,1d) **Use this or the next)** 808 29:13(N:35-48) Lhat=1.751e-01 Lvarmin12=1.070-29 Lvar0=9.555-30 Lval=4.31388e+00**N:42-42 809 35:13(N:36-48) Lhat=1.751e-01 Lvarmin12=1.070-29 Lvar0=9.555-30 Lval=4.31386+00**N:42-42	810 19:13(N:19-31) Lhat-4.637e-01 Lvarmin15=1.018e-29 Lvar0=1.018e-29 Lval=4.747027e+00**N:25-25 B11 68:13(N:19-31) Lhat-4.637e-01 Lvarmin15=1.037e-29 Lvar0=1.037e-29 Lval=3.306429e+00**N:25-25 B11 68:13(N:68-00) Lhat-8.001e-02 Lvarmin25=1.046e-29 Lval=4.147976e+00**N:46-46 B13 ens28ge ,/train+test.dat N:1-70:1 m:15-15:1 ib:0:0:0:7 k:9 g:5e-4 T:10 >/dev/null #限 L=> \bar{N} \bar{R}	##9.0bal min of Lvar with local min of Lhat (9neighbour of (11.1d) **Use this or the next) ** ##9.0bal min of Lvar with local min of Lhat (9neighbour of (11.1d) **Use this or the next) ** ##9.0bal min of Lvar with local min of Late (918-29 lvar) = 4.018-29 lvar] = 4.41318 e+00**N:35-35 ##9.21(N:35-45) Lhat=2.592e-01 Lvarmin34=4.032e-29 Lvar0=4.032e-29 Lvar] = 4.421(N:35-68) Lhat=1.560e-01 Lvarmin34=4.132e-29 Lvar0=4.132e-29 Lvar] = 3.36429e+00**N:74-74 ##9.21(N:36-89) Lhat=1.560e-01 Lvarmin32=4.152e-29 Lvar0=4.152e-29 Lvar] = 3.36429e+00**N:78-78 ##9.21(N:32-52) Lhat=2.431e-01 Lvarmin32=4.268e-29 Lvar0=4.26e-29 Lvar] = 4.34537e+00**N:78-78 ##9.22e-1/2.21(N:32-52) Lhat=2.431e-01 Lvarmin32=4.26e-29 Lvar0=4.25e-29 Lvar1=4.139459e-00**N:78-78 ##9.22e-1/2.21(N:32-52) Lhat=2.431e-01 Lvarmin32=4.26e-29 Lvar1=4.26e-29 Lvar1=4.139459e-00**N:78-78	## 11 — 9, PK ## # 12 Lobal min of Lotar with local min of Lobat (9 neighbour of (11.1d) **Use this or the next) ** 829 57:25 (N1:57-81) Lhat=2.1170-011 towarmin 37-11.0290-29 Lvarc=1.0090-29 Lval=3.324456-00**N1:69-69 830 83:25 (N1:86-20) Lhat=3.176-011 Lorarmin37-11.1226-29 Lvarc=1.1226-29 Lval=4.0642846+00**N1:50-50 831 28:25 (N1:86-20) Lhat=1.875-011 Lvarmin38-11.1290-29 Lvarc=1.1286-29 Lval=3.26697e+00**N1:78-78 832 28:25 (N1:88-22) Lhat=2.822-011 Lvarmin38-11.1290-29 Lvarc=1.1290-29 Lval=3.852110-00**N1:78-78 833 64:25 (N1:88-29) Lhat=1.906-011 Lyarmin44-11.1430-29 Lvarc=1.1320-29 Lval=3.2799110+00**N176-76 834 ens2ge_mirran+test.dat ./train+test.dat N1:70:1 m:31-31:1 lb:0:0:0:0:15 k:9 g:50-4 T:10 >/dev/null #	##1 — 0. PK ### # # # # # # # # # # # # # # # #	8.1 = .v, R/R %; 8.2 = .w, R/R %; 8.4 = .w, R/R %; 8.4 = .w, R/R %; 8.5 = .w, R/R %; 8.5 = .w, R/R %; 8.6 = .w, R/R %; 8.6 = .w, R/R %; 8.6 = .w, R/R %; 8.7 = .w, R/R %; 8.7 = .w, R/R %; 8.6 = .w, R/R %; 8.7 = .w, R/R %; 8.7 = .w, R/R %; 8.7 = .w, R/R %; 8.8 = .w, R/R %; 8.8 = .w, R/R %; 8.9 =	950 1. /can2 951
22800 ##91 22801 42:1 22802 70:1 22803 37:1 22805 35:1 22805 87:1 22806 ens2 22806 ens2 22806 ens2 22808 1 ##91 22808 36:1 22808 36:1	22810 19:17 22811 68:17 22813 ens2 22813 ens2 22814 ##91 22814 ##91 22816 28:17 22816 28:17 22817 67:11 22818 35:11	表記 2823 36:222823 36:222824 64:222825 22825 2825 2825 2825 2825 2825 68:22825 68:22825 ens2		横属 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	商 山 二 ツ ト ト 2842 ##g1 2843 27:4 2844 25:4 2845 58:4 2846 70:4 2848 70:4 2848	22850 22851 ./ca 22853 ./ca 22853 9 22855 2000 22855 0 0 22857 in 22857 in 22858 10 22858 0 22850 0 22850 0 22850 0 22850 0 22861 10

#<0:online,1:batch>, <gamma0>, <entropy_thresh>

```
#<0:online,1:batch>, <gamma0>, <entropy_thresh>
i_times 学習回數
表示回數,rot_x,rot_z
                                                                                                                                                                                                                                                                                                                                                                                                                                              #iterations to execute
表示回数, rot_x, rot_z
                                                                                                                                                                                                                                                                              #n_cells storing vectors
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0.2 width, gamma #window width
                                                                                                                                                                                                                                                                                                                                                                                   #show network params
 execute
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v_thresh vmin vmin2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ./data/CoordData_Cube2.dat
                                                                                                                                                          make clean; make "GPLT=1"
can2
                                                                                                              在までの実験結果と疑問点
                                                                                                                                                                                                         #channels
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-100 400 0 1 入力
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                                                        22958
                                                            22879 ens2ge ./train+test.dat ./train+test.dat N:1-55:1 m:3-3:1 ib:0:0:0:1 k:9 g:5e-4 T:10 >/dev/null #最適
22880 ##global min of Lvar with local min of Lhat (9neighbour of (11.1d) **Use this or the next)**vuka
```

readmecan2mspeech.txt Jun 19 2021 08:15:37

```
ens2ge tmp/train+test.dat tmp/train+test.dat N:1-55:1 m:3-20:1 ib:0:0:0:0 k:9 w:0.4 >/dev/null
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              16:20(N:16-35) Lhat=1.089e-03 Lvarmin100=2.782e-01 Lvar0=2.782e-01 Lval=3.399093e+00**N:17-34 12:20(N:12-31) Lhat=1.226e-03 Lvarmin178=4.207e-01 Lvar0=4.207e-01 Lval=3.574863e+00**N:13-30 10:20(N:10-29) Lhat=1.177e-03 Lvarmin178=4.207e-01 Lvar0=4.866e-01 Lval=3.711434e+00**N:11-28 t:train+test vitrain+test 19:20(N:19-39) Lhatmin=5.56881e-04 Lval=3.305439e+00 t:train+test vitrain+test 20:20(N:20-39) Lhat=5.921234e-04 Lvalmin=3.254410e+00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ens2ge train+test.dat train+test.dat N:1-20:1 m:3-20:1 ib:0:0:0:0 k:12 >/dev/null ##910boan unin of Lyar with local min of Lhat (9neighbour of (11,1d) **19et this or the next)** 11: 7(N:19-25) Lhat-9-494e-04 Lvarmin13=7.897-02 Lvar0=7.897e-02 Lval=3.80875e+00**N:20-24 19:20(N:19-38) Lhat-5.659e-04 Lvarmin66=2.077e-01 Lvar0=2.077e-01 Lval=3.80549e+00**N:20-37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              set view rx,rz; splot [-100:400][-150:200] "./data/CoordData_Cube2.dat" using 1:2:3 w 1
pause 1; rz= rz>359 ? 0 : rz+20; set view rx,rz; replot
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           5.000000e-02 7.000000e-01 # Learning Mode (0:online,1:batch), gamma0, entropy_thresh
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ensrs train+test.dat -1:train+test.dat 1:1 ib:0:0:0:0:0 N:21-38 K:12 > /dev/null
# 0 3.2544096e+00 1.7325950e-01 97 39 5.9212337e-04 #n Ltest Ltrain bestIT Nr Lhat+
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           v:train+test 20:3(N:20-22) Lvarmin=1.023905e-02 Lvarval=3.946501e+00 v:train+test 20:20(N:20-39) Lvar=2.093391e-01 Lvarvalmin=3.463749e+00
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人力の正規化 xmin0 ymax0 →ymin1 ymax1
入力の正規化 xmin0 xmax0 →x0min x0max
入力の正規化 x1min0 x1max0 →x1min,x1max
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ), dat #training file
#number of training data get_data_parms in my_function.c
#mmacv grant data get_data_parms in my_function.c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 #0:timeseries,1:chaos prepare_data() in my_function.c
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#multi-step prediction of training data
#single-step prediction of training data
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                                                                                                                                                                                                                                                                                                                                                             <-- 実行中に図を表示したいとき
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      #show training data show_data_parms(train);
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                #v_thresh in [0,1], v_min, vmin2
ratio Value Ratio for reinit
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#<0:online,1:batch>, <gamma0>, <entropy_thresh>
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23150 plot [-0.2:1.2][-0.2:1.2] "./re
h/net_w+tl00.dat" using 1:2 t "w" w p
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                                               23037 set view rx.rz; splot [-100:400][-150:200] "./data/CoordData_Cubel.dat" using 1:2:3 w 1, "./result/
PCoordData_Cube2+tr13526+T100+K2+N500+NC6+vt0.2+vm4:0+vr5.0+w0.2+batch/funcSSP+t100-1.dat" using 1:2:3 t "y
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  set view rx,rz; splot [1.3:2.0][90:250] "./data/3Dmeasurel.dat" pause 1; rz= rz>559? 0 : rz+20; set view rx,rz; replot pause 1; rz= rz>559? 0 : rz+20; set view rx,rz; replot pause 1; rz= rz>559? 0 : rz+20; set view rx,rz; replot
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0.0 i_thmes 学習同数
0.05 获示回数, rot_z, rot_z
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (3)以前、西田くんにもらった 3Dmeasure.dat を学習させてみた。
前処理:
                                                                                                                                                                                        pause 1; rz= rz>359 ? 0 : rz+20; set view rx,rz; replot pause 1; rz= rz359 ? 0 : rz+20; set view rx,rz; replot pause 1; rz= rz>359 ? 0 : rz+20; set view rx,rz; replot pause 1; rz= rz>359 ? 0 : rz+20; set view rx,rz; replot pause 1; rz= rz>359 ? 0 : rz+20; set view rx,rz; replot pause 1; rz= rz>359 ? 0 : rz+20; set view rx,rz; replot pause 1; rz= rz>359 ? 0 : rz+20; set view rx,rz; replot pause 1; rz= rz>359 ? 0 : rz+20; set view rx,rz; replot pause 1; rz= rz>359 ? 0 : rz+20; set view rx, rz; replot pause 1; rz= rz>359 ? 0 : rz+20; set view rx, rz; replot pause 1; rz= rz>359 ? 0 : rz+20; set view rx, rz; replot pause 1; rz= rz>359 ? 0 : rz+20; set view rx, rz; replot pause 1; rz= rz>359 ? 0 : rz+20; set view rx, rz; replot pause 1; rz= rz>359 ? 0 : rz+20; set view rx, rz; replot pause 1; rz= rz>359 ? 0 : rz+20; set view rx, rz; replot pause 1; rz= rz>359 ? 0 : rz+20; set view rx, rz; replot pause 1; rz= rz>359 ? 0 : rz+20; set view rx, rz; replot pause 1; rz= rz>359 ? 0 : rz+20; set view rx, rz; replot pause 1; rz= rz>359 ? 0 : rz+20; set view rx, rz; replot pause 1; rz= rz>359 ? 0 : rz+20; set view rx, rz; replot pause 1; rz= rz>359 ? 0 : rz+20; set view rx, rz; replot pause 1; rz= rz>359 ? 0 : rz+20; set view rx, rz; rz replot pause 1; rz= rz>359 ? 0 : rz+20; set view rx, rz; rz replot pause 1; rz= rz>359 ? 0 : rz+20; set view rx, rz; rz replot pause 1; rz= rz>359 ? 0 : rz+20; set view rx, rz; rz replot pause 1; rz+20; 
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(→下の「100 50 5 表示回数, rot_x, rot_z] を参照。
実行例:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 make datasep2 \leftarrow 3Dmeasure.dat & gunuplot \& can2 ^{\circ}0; ./datasep2 ./data/3Dmeasure.dat >./data/3Dmeasure1.dat
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(1)gnuplot でデータ表示を動的にする方法
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v_thresh vmin vmin2
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readmecan2mspeech.txt Jun 19 2021 08:15:37

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23.35 set view rx.rz; splot [1.3:2.0][90:250] "./data/3Dmeasurel.dat" using 1:2:3 w l, "./result/F3Dmeasurel.tet.trz59214T1004-X-M1500-M164VEO.3-V-M16-VYES.M16-VYES.M16-VYES.M16-VYES.M16-VYES.M16-VYES.M16-VYES.M16-VYES.M16-VYES.M16-VYES.M16-VYES.M16-VYES.M16-VYES.M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M16-VYES.M19-M
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                set view 10,0; splot [-100:400][-150:200] "./data/CoordData_Cubel.dat" using 1:2:3 w 1 set view 80,5; splot [-100:400][-150:200] "./data/CoordData_Cubel.dat" using 1:2:3 w 1 set view 80,15; splot [-100:400][-150:200] "./data/CoordData_Cubel.dat" using 1:2:3 w 1 set view 80,15; splot [-100:400][-150:200] "./data/CoordData_Cubel.dat" using 1:2:3 w 1 set view 80,10; splot [-100:400][-150:200] "./data/CoordData_Cubel.dat" using 1:2:3 w 1 set view 80,5; splot [-100:400][-150:200] "./data/CoordData_Cubel.dat" using 1:2:3 w 1 set view 80,55; splot [-100:400][-150:200] "./data/CoordData_Cubel.dat" using 1:2:3 w 1 plot [-100:400][-150:200] "./data/CoordData_Cubel.dat" using 1:2:3 w 1 plot [-100:400][-150:200] "./data/CoordData_Cubel.dat" using 1:2:3 w 1 plot [-100:400][-20:20:20] "./data/Cubel.dat" using 1:2:3 w 1 plot [-20:20] "./data/Cubel.dat" using 1:2:3 w 1 plot [-20:20:20] "./data/Cubel.dat" using 1:2:3 w 1 plot [-20:20:20:20] "./data/Cubel.dat" using 1:2:3 w 1 plot [-20:20:20] "./dat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            -100 400 -150 200 x0min,x0max,xlmin,xlmax (range for test) -1500 1500 -600 1600 145 1088 0 1 出力の正規化 ymin0 ymax0 → ymin1 ymax1 -100 400 0 1 入力の正規化 x0min0 x0max0 → x0min x0max -150 200 0 1 入力の正規化 x1min0 x1max0 → x1min,x1max 0 0 #x1 x2
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i_times 学習回数
表示回数,rot_x,rot_z
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              make clean; make "GPLT=1" <-- 実行中に図を表示したいとき、
make clean; make "GPLT=0" <-- 実行中に図を表示したくないと
実行
#0:時系列,1:関数,3:ijcnn04,4:距離デ、
次元 k1 k2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               (1) 人力変数の正規化アルゴリズムを修正した。
各変数 x0,x1 について正規化するようにした。
(以前は全変数のminと maxを使っていた)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0.2 width,gamma #window width
ex 実行
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readmecan2mspeech.txt

Jun 19 2021 08:15:37

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23339
                                        23276
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  23335
                                                                   23200 šet view 50,5; splot [-100:400][-150:200] "./data/CoordData_Cubel.dat" using 1:2:3 w 1, "result/FCo ordData_Cube+tr13206+T100+K2+N500+NC6+vt0.2+vm4:0+vr5.0+w0.2+batch/funcsSP+t100-1.dat" using 1:2:3 t "y^" w
                                                                                                  23202 plot [-0.2:1.2][-0.2:1.2] "./result/FCoordData_Cube+tr13206+T100+K2+N500+NC6+vt0.2+vm4:0+vr5.0+w0.2+batch/net_w+t100.dat" using 1:2 t "w" w p
23203
23204 (注意: 以上の実行例では、安定した学習を行うため
                                                                                                                                                                                                                                                                                                                                                                                         /data/CoordData_Cube.dat
-100 400 -150 200 xlmin,xlmax,xZmin,xZmax (range for test) -1500 1500 -600 1600
145 1088 0 1 出力の正規化 ymin0 ymax0 → ymin1 ymax1
-155 400 0 1 入力の正規化 ximin0 ximax0 → ximin ximax
0 0 #r1 r2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       300 150 xmin,xmax,ymin,ymax (range for test) -1500 1500 -600 1600 Light \Lambda \neq \lambda y omin y0max y1min y1max \lambda > \nu o Ø M M \ell
                                                                                                                                     (注意:以上の実行例では、安定した学習を行うため
人力出力数数x_1,x_2,y_0術域を[0.1]に正規化して学習させてます。
予測結果や予測線等は逆変数して表示してますが、
学習された荷電x_1,x_12は正規化されたまま表示してます。
なお、実行後は表示が消えますが、精果は、x_{\rm Feat}1に、x_{\rm Feat}1に、x_{\rm Feat}1に
ドのティレクトリに保存されてます。 (群しくは祝さんが知ってます)。
ドのティレクトリに保存されてます。 (群しくは祝さんが知ってます)。
50x50の正方格子点(x_1,y_11)に最も近いデータ点の値としている本当の真値
ではおりません。
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        make mkrangetestdata
mkrangetestdata –500 500 100 -500 1200 100 > ./data/rangetest.dat
mkrangetestdata –1500 1500 100 -600 1600 100 > ./data/rangetest.dat
mkrangetestdata –750 930 100 -1122 1433 100 > ./data/rangetest.dat
mkrangetestdata –750 930 100 -500 500 100 > ./data/rangetest25.dat
                                                                                                                                                                                                                                                                             <-- 実行中に図を表示したいとき、<-- 実行中に図を表示したくないとき
                                                                                                                                                                                                                                                                                                           set data style lines
splot "./data/Coordbata_Cube.dat" using 1:2:3
set data style points
plot data style points
(4)英符例
                                       500>→100MSE1.442e+02NMSE08.28e-03MSEtr7.89e-05N500k2w0.2vm4:0以上の結果を使って以下を実行して確認:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 0.05 0.75 #<0:online_l:batch>, <gamma0>, <entropy_thresh>
100 i_times 学習回数
规亦回数
                                                                                                                                                                                                                                            (1)DW第二タ処理関数 1oad_data_RANGEDATA()を追加した。
距離データの一部の矩形領域を処理するようにした。
(2)コンパイル
                                                                                                                                                                                                                                                                                                                                                                   #0:時系列,1:関数,3:ijom04,4:距離データ
次元
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                #0:時系列,1:閱数,3:ijonn04,4:RangeData
次元
i_times 学習回数
表示回数, rot_x, rot_z
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0.2 width,gamma #window width ex 実行
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0.2 4 0 v_thresh vmin vmin2
                                                                                                                                                                                                                                                                             make clean; make "GPLT=1"
make clean; make "GPLT=0"
(3)データの確認
                                                                                                                                                                                                                                                                                                                                                                                                                                                  ネットの初期化
セル数
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ./data/CoordData_Cube.dat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        n_compare
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          v_ratio
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        -100 350 -300 0 0 0 0 0 0 0 0 0 0 0 0
 100
100 50 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ./can2
                                                             gnuplot
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              040513
                                                                                                                                                                                                                                                                                                                                                                                                                                                             0007
                                                                                                                                                           23198
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./result/FCoordData_Cube+tr160801+T10+K2+N100+NC6+vt0.2+vm3:0+vr5.0+w0.2+batch; gnuplot funcSSP+t
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                -200 200 -500 500 xmin xmax,ymin,ymax (range for test) -1500 1500 -600 1600 1451 1088 0 1 正規化パラメダ yourin yomax yinin yimax yinin yinin xinin yinin xinin yinin xinin yinin xinin yinin xinin xinin xinin xinin xinin xinix
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  80 #<0:online,1:batch>, <gamma0>, <entropy_thresh>
1_times 学習回数
表示回数
                                                                   0.05 0.80 #<0:cnline libatch>, <gamma0>, <entropy_thresh>
_ithmes 学習回数
表示回数
                                                                                                                                                                                                                                                                                                                                                                                                      .0 #<0:online_l:batch>, <gamma0>, <entropy_thresh>
i.times 學習回數
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         <gamma0>, <entropy_thresh>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              yomin yomax ylmin ylmax
xmin0 xmax0 xmin xmax
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         #0:時系列,1:関数,3:ijcnn04,4:RangeData
次元
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          #0:時系列,1:関数,3:ijonn04,4:RangeData
次元
                                                                                                                                                                                                                                         ./data/rangetest25.dat
3 0 0 0 正規化パラメタ yōmin yōmax y1min y1max
in ネットの初期化
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0.05 0.80 #<0:online,1:batch>,
i_times 学習回数
表示回数
                                                                                                                                                                                                                                                                                                                                                 5 v_ratio
0.2 width,gamma #window width
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0.2 width, gamma #window width
                                 width,gamma #window width
実行
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./data/rangetest25.dat
145 1088 0 1 正規化パラメタ・
-1122 1432 0 1 正規化パラメタ・
0 0 #rl r2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                6 n_compare
0.2 3 0 v_thresh vmin vmin2
v_thresh vmin vmin2
                                                                                                                                                                                                                                                                                                               n_compare
v_thresh vmin vmin2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              v_thresh vmin vmin2
                                                                                                                                                                   #0:時系列,1:関数,
次元
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次元
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                     v_ratio
                                                                                                                                                                                                                                                                                         セル数
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0 0 #rl r2
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n_compare v_thresh vmin vmin2

v_ratio

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22,246
22,244
22,244
23,244
24,447
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0m37.300s
0m55.300s
0m47.710s
1m29.770s
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1m11.220s
1m45.030s
2m18.160s
2m50.550s
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>> 70test6.0533e-04,100train6.7116e-05N200k2w0.1vm3:0 Om31.1208
>> 100test5.6474e-04,100train1.3777e-05N300k2w0.1vm3:0 Om46.2308
>> 100test5.3572e-04,100train3.3702e-05N400k2w0.1vm3:0 114.4608
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0m5.230s
0m10.230s
0m15.500s
0m22.190s
0m29.430s
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>>99test1.4672e-05, 97train4.5205e-05N200k2w0.1vm3:0 5m35.510s
>>>96test7.6037e-06, 99train3.8442e-05N300k2w0.1vm3:0 8m16.350s
>>69test5.5563e-06, 99train3.5636e-05N400k2w0.1vm3:0 10m56.150s
>>99test5.1274e-06, 96train3.5157e-05N500k2w0.1vm3:0 13m37.050s
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           #<0:online,1:batch>, <gamma0>, <entropy_thresh>imes 学習回数
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0m4.950s
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        make clean; make "GPLT=1" <-- 実行中に図を表示したいとき、make clean; make "GPLT=0" <-- 実行中に図を表示したくないとうをして、例えば bencizo.sh または以下を行う。/Can2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        >>80test2.7536e-04,38train4.9048e-05N100k2w0.1vm3:0 noise0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    net->nentropy_thresh=LA(net->n_cells,0.75,100,0.90,500);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           >>22test3.5327e-04,74train7.4276e-05N100k2w0.1vml:0 0)
>>84test3.8918e-04.100train7.605e-05N100k2w0.1vml:0
>>217test3.4486e-04,80train7.7138e-05N100k2w0.1vml:0
>>29test2.6159e-04,80train9.2993e-05N100k2w0.1vml:0
>>21test3.1888e-04,100train1.0776e-04N100k2w0.1vml:0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               >>18test3.0627e-04, 99train5.7393e-05NIO0k2w0.1vm3:0
>>24test4.7916e-04,100train2.5782e-05N300k2w0.1vm3:0
>>52test3.4901e-04,100train2.950ece.05N300k2w0.1vm3:0
>> 7test5.6.2930e-04,100train1.289e-05N500k2w0.1vm3:0
>> 5test5.8345e-04,100train1.4024e-05N500k2w0.1vm3:0
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>>72test4.0073e-05, 96train4.5509e-05N300k2w0.1vm3:0
>>50test3.4081e-05, 99train3.7600e-05N300k2w0.1vm3:0
>>20test3.7368e-05,15train3.783ee-05N400k2w0.1vm3:0
>>59test5.0089e-05,100train2.7924e-05N500k2w0.1vm3:0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 >>65test6.6669e-05,100train7.6892e-05N100k2w0.1vm3:0
>>95test2.4903e-05, 92train4.5406e-05N300k2w0.1vm3:0
>>82test1.9685e-05, 98train3.972e-05N300k2w0.1vm3:0
>>5test1.972-05,100train3.411a-05N4000k2w0.1vm3:0
>>51test1.8074e-05,100train3.1159e-05N500k2w0.1vm3:0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ./data/O7test.dat
0 0 0 0 正規化パラメタ yOmin yOmax ylmin ylmax
in ネットの初期化
100 セル数
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 >>65test6.6669e-05,100train7.6892e-05N100k2w0...>>55test2.4903e-05, 93train4.5406e-05N300k2w0...>82test1.8785e-05, 98train3.9723e-05N300k2w0...>>55test1.8372e-05,100train3.4713e-05N4000k2w0...
                                                                  <gamma0>,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    width, gamma #window width
                                                                                                                                                                                                                                                                                                                                                        040510f02.log
040510f03.log
                                                           0.80 #<0:online,1:batch>,
i_times 学習回数
表示回数
   #window width
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       n_compare
v_thresh vmin vmin2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             #0:時系列,1:関
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            (1) make "GPLT=1"
(2) 結果は./result/の下に
040311
                                                                                                                                                                                                                                                                                         sh bench2b03ieice.sh
sh bench2o03ieice.sh
040310.log 040311e.log
040311.log 040311n.log
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ./data/07trainle3.dat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      v_ratio
width,gamma
実行
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                i_times 
表示回数
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        "GPLT=1"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  040311e.log
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       次元
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0m16.000s 0m36.850s 0m55.210s****** 0m47.840s 1m30.010s

>>62ssp7.7720e-05H1.762614e-05>> 59ssp7.9841e-05H1.542854e-05N100k2w0.1vm3:0 >>63ssp3.4081e-05H3.85847e-06>> 55ssp6.6219e-05H3.43820e-06k20k2w0.1vm3:0 >>20ssp3.4081e-05H3.662382e-06>>10ssp3.5285e-05H2.077933e-06N300k2w0.1vm3:0 >>20ssp3.7588e-05H3.578769e-06>> 15ssp4.7483e-05H2.84509e-06M400k2w0.1vm3:0 >>59sp5.0089e-05H1.638658e-06>> 10ssp2.298e-05H1.475891e-06N500k2w0.1vm3:0 r=0.30 3.95415e-05

D=5e3

0m5.220s **
0m10.420s
0m15.700s
0m22.510s
0m29.340s

>>18ssp3.0627e-04H4.109532e-05>>100ssp3.8339e-04H7.159275e-06NIO0K2w0.1vm3:0 >>55ssp4.74de-04H12.756919e-06>>100ssp2.0049e-04H12.55617e-06N300K2w0.1vm3:0 >>52ssp3.4901e-04H1.18512e-05>>100ssp4.1055e-04H9.674721e-06N300K2w0.1vm3:0 >> 7ssp6.2330e-04H9.854391e-05>> 49ssp7.5670e-04H9.411319e-06N400K2w0.1vm3:0 >> 5sp5.2330e-04H9.075555e-05>> 655510e-05+09H8.505738e-06N500K2w0.1vm3:0 >> 5sp5.34.0.000157998.5.6797778e-05>5510e-05+09H8.505738e-06N500K2w0.1vm3:0 0m31.260s 1m11.270s 1m44.060s 2m17.860s 2m50.170s*****

.1vm3:0 .1vm3:0 .1vm3:0 .1vm3:0

>>78ssp7.1292e-05H3.023923e-05>>42ssp1.3409e-04H2.693487e-05N100k2w0. >>595ssp2.4903e-05H4.525262e-06>74ssp2.367fe-0181.08957e-06N200k2w0. >>64ssp2.1126e-05H1.953754e-06>>86ssp2.1805e-05H1.557001e-06N300k2w0. >>55ssp2.1387e-05H1.74206e-06>>88ssp2.1881e-05H1.44344fe-06N400k2w0. >>51ssp1.8074e-05H1.7425e-06>>81ssp1.881e-05H1.4434fe-06N400k2w0. =0.18 2.135e-05H1.74552e-06>>81ssp1.8800e-05H1.236897e-06N500k2w0.

D=5e4

D=1e4

0m31.100s 0m46.100s 1m1.180s

1m12.740s 2m22.890s 3m32.320s 4m40.830s 5m50.150s

56ssp6.4194e-05H1.011630e-04>>1ssp4.4539e-04H4.439835e-04N100k2w0.1vm3:0 2m23.510s

>>100ssp1.0583e-04H9.409067e-05>>lssp4.1188e-04H4.731135e-04N100k2w0.1vm3:0 >>100ssp7.126e-05H7.775153e-05>>lssp4.5320e-04H5.096225e-04R200k2w0.1vm3:0 >> 97ssp5.2127e-05H5.292182e-05>>lssp1.5097e-04H1.310186e-04N300k2w0.1vm3:0 >> 17ssp6.0235e-05H4.686067e-05>>lssp1.3093e-04H1.122913e-0444000k2w0.1vm3:0 >> 17ssp4.5329e-05H3.933964e-05>>lssp1.2419e-04H1.122956e-04N500k2w0.1vm3:0

23435	>> 35test9.9502e-04,100train2.7464e-06N500k2w0.1vm3:0 1m16.290s
23436	D=5e3
23437	>>100test1.0583e-04, 98train9.3564e-05N100k2w0.1vm3:0 1m12.830s
23438	
23439	>> 97test5.2127e-05, 99train5.2846e-05N300k2w0.1vm3:0 3m32.210s
23440	>> 17test6.0295e-05,100train4.0370e-05N400k2w0.1vm3:0 4m41.610s
23441	>> 17test4.5329e-05, 98train3.3946e-05N500k2w0.1vm3:0 5m51.120s
23442	D=1e4
23443	>> 56test6.4194e-05,94train9.3962e-05N100k2w0.1vm3:0 2m23.780s
23444	>>100test6.0600e-05,99train7.2820e-05N200k2w0.1vm3:0 4m41.220s
23445	>> 84test4.5436e-05,97train5.5646e-05N300k2w0.1vm3:0 6m59.020s
23446	>> 26test3.6985e-05,98train4.7309e-05N400k2w0.1vm3:0 9m39.120s
23447	>> 92test3.1103e-05,97train3.9952e-05N500k2w0.1vm3:0 11m33.470s
23448	D=5e4
23449	>> 96test3.2184e-05, 99train6.5059e-05N100k2w0.1vm3:0 11m46.240s
23450	>> 80test1.9184e-05, 99train5.2492e-05N200k2w0.1vm3:0 23m8.790s
23451	>>100test1.8349e-05,100train5.1622e-05N300k2w0.1vm3:0 34m26.720s
23452	>>100test1.3111e-05,100train4.7674e-05N400k2w0.1vm3:0 46m59.210s
23453	>>56test1.2118e-05,98train4.2992e-05N500k2w0.1vm3:0 57m44.690s
23454	
23455	>>96test3.2184e-05,99train6.5059e-05N100k2w0.1vm3:0 11m50.320s
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#n_cells storing vectors
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23592
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GTEST_VTHRESHS = ["0.2"]
GTEST_VMINS = ["3"]
GTEST_VMINS = ["0"]
                                  vm3:0+vr5.0+w0.1+online 57m2.070s
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22554 N=120 D=1c3 100NSE1...
22556 N=120 D=1c3 100NSE2.817=-04NSELL...
22556 N=120 D=1c3 100NSE3.817=-04NSELL...
22557 N=120 D=1c3 100NSE3.148e-04NSELL4.62e-05
22558 N=141 D=1c3 100NSE3.148e-04NSELL4.84e-05
22558 N=140 D=1c3 100NSE3.148e-04NSELL1.84e-05
22558 N=120 D=1c3 100NSE2.941e-04NSELL1.77e-05F07trainle3noise0+tr1000+Tl00+K2+Nl40+NC6+vt0.2+vm3:0+vE5.0+
22555 N=140 D=1c3 100NSE2.941e-04NSELL1.77e-0550ssp3.408le-05 F07train5c3+tr5000+Tl00+K2+Nl300+NC6+vt0.2+.
22555 N=140 D=1c3 100NSE2.941e-04NSELL3.77e-0550ssp3.408le-05 F07train5c3+tr5000+Tl00+K2+N310+NC6+vt0.2+.
22556 N=140 D=1c3 100NSE2.941e-04NSELL3.77e-0550ssp3.408le-05 F07train5c3+tr5000+Tl00+K2+N310+NC6+vt0.2-.
22556 N=140 D=1c3 100NSE2.941e-04NSELL3.77e-0550ssp3.408le-05 F07train5c3+tr5000+Tl00+K2+N310+NC6+vt0.2-.
22557 N=140 D=1c3 100NSE2.941e-04NSELL3.77e-0550ssp3.408le-05 F07train5c3+tr5000+Tl00+K2+N310+NC6+vt0.2-.
22558 N=140 D=1c3 100NSE2.941e-04NSELL3.77e-0550ssp3.408le-05 F07train5c3+tr5000+Tl00+K2+N310+NC6+vt0.2-.
22558 N=140 D=1c3 100NSE2.941e-04NSELL3.77e-0550ssp3.408le-05 F07train5c3+tr5000+Tl00+K2+N10-05-.
22558 N=140 D=1c3 100NSE2.941e-04NSELL3.77e-0550sp3.408le-05 F07train5c3+tr5000+Tl00+K2+N10-05-.
22558 N=140 D=1c3 100NSE2.941e-04NSELL3.77e-0550sp3.408le-05 F07train5c3+tr5000+Tl00+K2+N10-0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            m3:0+vx5.0+w0.1+batch 1m39.460s
23576 N=500 D=1e4 100MSE2.090e-05MSEtr3.12e-05>51ssp1.8074e-05 F07trainle4+tr10000+T100+K2+N500+NC6+vt0.2+
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23577 N=500 D=5e4 100MSES:368e-06MSEtr3.52e-05>99ssp5.1274e-06 F07train5e4+tr50000+T100+K2+N500+NC6+vt0.2+
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23582 N=500 D=2e3 100MSE3.409e-04MSEtr1.94e-05>13ssp3.1373e-04 F07train2e3+tr2000+T100+K2+N500+NC6+vt0.5+v
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23578 W-1850D-De54 >96sspg 3399e-06>>85ssp8.8341e-06H1.568231e-0F07train5e4+tr50000+T100+K2+N500+NC6+vr0.2+
xm3:0+vr5.0+w0.1-batc E=0.80
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>>100ssp6.0600e-05H7.282430e-05>>1ssp2.4471e-04H2.670268e-04N2000k2w0.1vm3:0 4m40.480s
>> 84ssp4.5436e-05h5.590699e-05>>1ssp1.3074e-04H1.106084e-04AH300k2w0.1vm3:0 6m57.210s
>> 26ssp2.698e-05H5.050373e-05>>1ssp2.563e-05H9.502154e-05N400k2w0.1vm3:0 9m14.670s
>> 95ssp3.1103e-05H4.007001a-05>>1ssp7.8360e-05H8.998270e-05N500k2w0.1vm3:0 11m28.21os
                                                                                                                                      >>96ssp3.2184e-05H6.557853e-05>>1ssp2.2125e-04H2.351238e-04N100k2w0.1vm3:0 11m50.030s
                                                                                                                                                            >>80ssp1.9184e-05H5.530818e-05>>1ssp8.5118e-05H1.253944e-04M200k2w0.1vm3:0 23m3.040s
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  N=200 D=4e3 100MSB4.092e-05MSBtr4.07e-05-98ssp3.9921e-05 0m26.980s
N=210 D=4e3 100MSB4.213e-05MSBtr3.95e-05+525sp3.6226e-05 0m29.808 ****B0.8
N=220 D=4e3 100MSB4.2036-05MSBtr3.43a-05-98ssp4.9529e-05 0m37.250s
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100MSE7.775e-05MSEtr4.43e-05>18ssp6.8473e-05 0m18.940s
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N=190 D=3e3 100MSE5.010e-05MSEL74.40e-05>89sp5.6656-05 0
N=180 D=3e3 100MSE7.775e-05MSEL74.44e-05>18ssp6.8473e-05
                                                                                                                                                                                                                                                                                                                                                                                                                            0:オンライン(不能),1:バッチ
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N=140 D=2e3
N=130 D=2e3
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23585 N=500 D=5e4 100MSE1.635e-05MSEtr4.30e-05>56ssp1.2118e-05 F07train5e4+tr50000+T100+K2+N500+NC6+vt0.5+ readmecan2mspeech.txt Jun 19 2021 08:15:37

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23588 N=500 D=564 100NSE6.110e-06MSEtr5.37e-06>45ssp4.1359e-06 F07train5e4hoise0+tr50000+T100+K2+N500+NC6+VC6.24vm3:0+vr5.0+w0.1-batch lma1.560s
23598 N=500 D=164 100NSE7.185e-06MSEtr3.25e-06>88ssp5.6664e-06 F07train1e4hoise0+tr10000+T100+K2+N550+NC6+vC0.24vm3:0+vr5.0+w0.1-batch 2m25.110s
23590 N=500 D=583 100NSE2.246e-05MSEtr2.50e-06>53ssp2.2217e-05 F07train15e3hoise0+tr5000+T100+K2+N5500+NC6+vC0.24vm3:0+vr5.0+w0.1-batch 1m55.880s
2000 D=583 100NSE2.285e-05MSEtr9.35e-07>39ssp1.2146e-04 F07train2e3hoise0+tr5000+T100+K2+N5500+NC6+vC0.24vm3:0+vr5.0+w0.1-batch 1m55.880s
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     23593 N=500 D=1e3 100MSE4.348e-04MSEtr1.05e-05>19ssp3.7114e-04 F07trainle3noise0+tr1000+T100+K2+N500+NC6+v 25.2+m3.10+K2.5-0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.05.0+w.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  t0.2+vm2:0+vr5.0+w0.1+batch Om36.640s
23595 N=500 D=1e3 100MSE9.466e-04MSEtr5.73e-09>18ssp8.5702e-04 F07train1e3noise0+tr1000+T100+K2+N500+NC6+v
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    t0.2+vml:0+vr5.0+w0.1+batch 0m32.080s
23596 N=6200 D=1e3 100MSE3.651e-04MSEtr3.01e-05>14ssp2.8057e-04 F07trainle3noise0+tr1000+T100+K2+N500+NC6+v
10.2+vm4:0+vr5.0+w0.1+batch 0m39.210s
23597 040308
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    沢さん:他のプロックでも最適パラメタを求めてくれませんか (このプロックもチェカックに 1)?
上野オラして 1)?
上野オラく test->MSEC 仮に入れて、abisort.xbで MSEmspをソートしているけれど、WSEmeanでソートできるようにしてくれませんか?
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            (1) 黒木です。INCXNO4 の問題で多段予測を指定した時点からの1区間だけでなく、20(sim.cの4define NT 20 で設定)時点後の区間まで1時点ずつずらして行い、そのNSEの平均をgivendata->zljcmn04data->MSEMeanにしまうようにしました。
プログラムは
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                #Ttrain, Ttotal: points in time of training and total data
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MSDを求め平均したものが MSDmeanです。
下は、以前のように一区間のみでパラメタを設適化しても、そのとなりの区間
てはさまく予測できない現象が顕細できたからです。ODJLOckの最適化を行った
結果、FB1Sはかなり大きな値 548になったがうまくいくようである。
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           例えば、ruby ./gtest.rb 930 0 0 をすると他のプロックの与えられたデータとこの区間の929までのデータを学習し、その学習結果を使って、980.949 930.949
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           http://terasu.cntl.kyutech.ac.jp/~kuro/sotu/2004/ueno/can2b040225.tgz
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            #0:timeseries,1:chaos prepare_data() in my_function
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              949~968
の20個の各区間をそれぞれその前の時点の情報から多段予測し、それぞれの
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         #y0min y0max y1min y1max for normalization
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           le-3 0.90 #<0:online,1:batch>, <gamma0>, <entropy_thresh>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     #show training data show_data_parms(train);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               #v_thresh vmin vmin2
```

```
23659 GTEST_MIDTHS = ["0.2"]
2360 GTEST_CAMMALOS = ["0.1"]
23610 GTEST_CAMMALOS = ["1.7"] #GTEST_NCHANNELS = ["14","15","16","17","18","19","20","21","22","23"]#GTEST_T_NCHANNELS = ["1.7"] #GTEST_NCHANNELS = ["1.9"]
2360 GTEST_NCHANNELS = ["2.2"] #GTEST_NCHANNELS = ["1.9"]
                                                                                                                                                                        23662 GTEST_NOELLS = ["22"]#GTEST_NOELLS = ["14","15","16","17","18","19","20","21","22","23"]#GTEST_ST_NOELLS = ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"]# ["14"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 (2) IJCNN04では、従来の逐次的逆行列計算より、擬似逆行列を直接計算する
GSLの方が良いことがある。以下の3手法を導入
make clean; make "GSL=1" #jacobi法 選いが精度がよいはず
make clean; make "GSL=2" #徒米法 中程度、戻ってこないことがある
make clean; make "GSL=3" #mod法 選い、戻ってこないことがある
でコンバイル。
GSLで計算された連想行列の要素の値は非常に大きくなることがあるので、
GSLで計算された連想行列の要素の値は非常に大きくなることがあるので、
ASL(net-ocall(i).S>le5) net->cell[i].S=le5;//???for infinite err of GSL //040211
を入れた。
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (1) simdata_ability_display()を呼ぶたびにたかなりの量のメモリが順次減って行く。
で行くの次の行を生かしてチェック。
{int *ppe(int *)mploc((sizeof(int)));printf("p0=%p\n",p);free(p);}//malloctest0
上野君、解決を!(sim.do1211行)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        * 黒木先生

* 先生に言われたメモリリークを起こすバグですが、発見しましたので

* パグフィックスして更新しました。ダウンロードして試してみて下さい。

* いつものように更新削のファイルは*.origという拡張子をうっています。

* wget -v http://terasu.cntl.kyutech.ac.jp/~ueno/study/can2b04021lueno.tgz

→ ま wget -v http://terasu.cntl.kyutech.ac.jp/~ueno/study/ijcm04021lueno.tgz
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           (1) Cavalata のコマンドに mspj (LJCNN04の予測結果出力)を追加。
(2) LJCNN04年—Fのときはデータファイルではなく
JJCNN04年—Fのときはデータファイルではなく
があるエXXA Cattacatat, smooth.dat があること
があるバスを指定すること。
(3) dt[1] (my_function.c)の計算間違いを修正。MSDG1はゼロになることがあるので sinn.c を係正。
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   #0:time series,1:funciton approximation,<3:ijcnn04>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          #0:time series,1:funciton approximation,<3:ijcnn04>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              IJCNN04モードのとき連続した10組の多段予測テストを行うようにした。
IJCNN04モードでの入力をfromのみにした(下の t_t2は読まず、
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 #<test_block(0,1,2,3,4)>, t_t1,t_t2
#yOmin yOmax ylmin ylmax for normalization
#xOmin xOmax xlmin xlmax for normalization
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          exec_msp_test_IJCNN04_out()で predict.dat 出力するようにした。
(2)上野君より
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             le-3 0.90 #<0:online,1:batch>, <gamma0>, <entropy_thresh>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (1) ARMA モデルを導入(まだIJCNN04にのみ有効)。
Goodd Params for Block#4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      #k1,k2 n_channels= k1+ k2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             #n_cells storing vectors
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                #iterations to execute
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                6 #n_compare
0.2 3 0 #v_thresh vmin vmin2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           # r1 r2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              #width
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (2) IJCNN04モードで(
E_t2=t_t1+19とした)
                                                                                                                                                                                                                                                                                                                                                                                                   = ["26"] #
                                                                                                                                                                                                                                                                                             -10","0"]#GTEST_DLASTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 #execute
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4ssp2.99e+02(1.24e+00)msp3.13e+02(1.30e+00)MSEtr2.22e-10N100k350+0w0.2vm5:0

Goodd Params for Block#0

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23972 lltrain5e4 100MSE2.714e-05NMSE03.31e-04MSEtr_5.63e-05>>948sp2.6545e-05H4.204073e-06>>92ssp2.7240e-05
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23986 lltrain5e4 100MSE2.796e-05NMSE03.41e-04MSEtr_5.65e-05>>99ssp2.6584e-05H3.751248e-06>>93ssp2.7055e-05
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2398 02train5e4 100NED.156e-02NNSED6.28e-02NNSELr_7.41e-03>>75sspl.3060e-02H5.204641e-03>>70sspl.5565e-02
H4.009494e-03N100k2w0.1vm3:0 2m1.140s
23989 -to here 040202vt0.2_10g
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03train5e4 100MSE1.820e-06NWSE01.84e-04MSEtr_3.16e-05>>17ssp1.3744e-06H6.803907e-07>>19ssp1.4441e-06
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H2.520602e-04N500k2w0.1vm3:0 9m0.510s
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24002 02train5e4 100MSE1.736e-02NMSE06.97e-02MSEtr_8.13e-03>> 96ssp1.4819e-02H9.094911e-03>>89ssp1.7716e-0
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03train5e4 100MSEI.730e-06NMSE01.75e-04MSEtr_3.16e-05>>34sspl.4111e-06H7.088306e-07>>22sspl.4973e-06
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24010 02train5e4 100MSEI.811e-02NMSEO7.27e-02MSEtr_4.01e-03>>25ssp1.4042e-02H3.207108e-03>>88ssp1.6589e-02
                                               02train5e4 100MSE1.405e-02MMSE05.64e-02MSEtr_3.66e-03>>41sspl.3357e-02H2.885501e-03>>77sspl.4618e-02
                                                                                                                                                                                                         03train5e4 100MSE1.822e-06NMSE01.84e-04MSEtr_3.42e-05>>87ssp1.7121e-06H1.242313e-06>>9ssp2.3326e-06
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HF.121504e-07NF50NExoN.1xm3:012m47.160s
23995 11train5e4 100MSE3.460e-06NMSE04
H6.140722e-07NSONExoN.1xm3:013mS8.770s
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H6.126711e-07N500k2w0.1vm3:0 11m41.350s
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24004 --from here 040202vt0.3_.log
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24033 (2.7 FFD With Lat. 1. Ver. No. 1. 
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24061 03train5e4 50MSE7.153e-06NMSE06.39e-04MSEr11m47.560s
24062 11train5e4 50MSE5.234e-05NMSE06.39e-04MSErr8.02e-05 100MSE4.714e-05NMSE05.75e-04MSEtr7.51e-05>100ssp
4.7139e-06.7.5101e-05)N100k2w0.1vm3.0 user11m47.620s
24063 07train5e4 50MSE3.657e-05NMSE02.99e-04MSErr7.26e-05 100MSE3.378e-05NMSE02.76e-04MSEtr1.87e-05> 96ssp
24063 07train5e4 50MSE3.657e-05NMSE02.99e-04MSErr7.26e-05 100MSE3.378e-05NMSE02.76e-04MSEtr1.87e-05> 21ssp
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24057 1Ltra.hise4 50xN824.59e-06NRSED5.61e-05NSEDF13.53e-05 100NSE4.472e-06NNSED5.46e-05NSETr3.51e-05>86ssp4
4580e-06(3.5144e-05)N500k2w0.1vm3:0 user56m22.250s
24058 07rta.hise4 50xNSE1.526e-05NNSED1.02e-04NSETr4.42e-05 100NSE1.635e-05NNSED1.34e-04MSETr4.30e-05>56ssp1
24058 07rta.hise4 50xNSE1.30e-05NNSED0.20e-04NSETr4.42e-05 100NSE1.910e-02NNSED1.54e-04MSETr4.98e-05)Sesp1
22108e-0514.3898e-05)N500k2w0.1vm3:0 user56m34.460s
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100MSE2.206e-02NMSE08.86e-02MSEtr1.87e-02> 21asp 24065 --- to here (in 040130.109) --- 42e-04MSEtr3.92e-05N100k2w0.1vm3:0 100MSE7.771e-06NWSE07.84e-04MSETR3.82e-05N100k2w0.1vm3:0 100MSE7.771e-06NWSE07.84e-04MSETR3.82e-05N100k2w0.1vm3:0 100MSE7.771e-06NWSE07.84e-04MSETR3.82e-05N100k2w0.1vm3:0 100MSE7.771e-06NWSE07.84e-04MSETR3.82e-05N100k2w0.1vm3:0 100MSE7.771e-06NWSE07.84e-04MSETR3.82e-05N100k2w0.1vm3:0 100MSE7.771e-06NWSE07.84e-04MSETR3.82e-05N100k2w0.1vm3:0 100MSE7.771e-06NWSE07.84e-04MSETR3.82e-05N100k2w0.1vm3:0 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1.5214e-06(3.4140e-05)NIO0CX-0.1vm3:0.50e-04MSEtr5.99e-05 100MSE2.683e-05NMSE03.28e-04MSEtr5.47e-05>100ssp
2.6833e-05(3.4716e-05)NIOCX-00.1vm3:0.2m94.530s
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24552 Oltrain5e4 GNONSEL.703e-02NMNED65.64e-02MNEtr1.09e-02 100MNSE2.047e-02NNNSE08.22e-02MNSETr1.05e-02> 278sp
24059 - 02.1.2973e-02)NNJO0k2w0.1vm3:0 2m35.830s
24053 ---to here 040201.109
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(1) 学習パラメタはユニット数に依存すべきとの考えからmy_plinn.cに以下の変数を導入.
                                                                                                                                                                                               net->N_reinit_max = IA(net->n_cells,0.10,100,0.30,500)*net->n_cells;//adhoc?net->gamma0=LA(net->n_cells,0.24,100,0.11,500);
                                                                                                                                       ふなる。
                                                                                                                                                                                                                                                                                                                                                       // net->gamma0 =2.5*pow(net->n_ceils,-i./net->k)に比例させる
//ポロノイ領域の半径pow(net->n_ceils,-i./net->k)に比例させる
                                                                               net->nentropy_thresh =LA(net->n_cells,0.80,100,0.95,500);//adhc
//ユニット数 n_cells が大きいと大きなエントロピーを実現で
                                                                                                                                                                                                                                                                                                                                               =2.5*pow(net->n_cells,-1./net->k);
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1.113e-05 0.0000188 3.329e-06
1.92884e-05 0.00000529 5.743e-06
0.0149962 0.01811174 1.451e-02
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readmecan2mspeech.txt

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02train batch0.06→100MSE012 1.822e-02 5.46e-02 4.27e-02NMSE07.31e-02MSEtr2.60e-03M500k2w0.1vm3:0 02train ?? →100MSE012 1.723e-02 6.38e-02 3.60e-02NMSE06.92e-02MSEtr1.80e-03M500k2w0.1vm3:0
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    sigma2hatの計算が間違っていたので訂正した。
    直視化エントロビーnentropyの計算をして、再初期化のための関値とした。nentropy=0.95が良いようだ。
    ⇒まず再初期化により歪を均一化し、次に勾配法で微調整するという具合になる。

                                                                                                                                                                                                                                                                                                                                                                                                                  #0:timeseries,1:chaos prepare_data() in my_function.c
                                                                                                                                                                                                                                     ニット数により 再初期化の基準を変える nentropy_thresh を導入した。
                                                                                                                     MSE test MSE train M time
07train5e4 2.40751e-05 5.4908614e-05 9218 410m28.628s***Noconvergence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     - Cavald権首を除いた入出力関数を全学習により形成するするものであること、NSErcainは権首を合む訓練データに対するMSEであること、・
・アストデータは権益を含まない。
から理解できる(?)。例えばCAVAが完全に関数を学習できたとすると
アストデータに対するMSEは、訓練データに対するMSEは実際の誤差の分だけ
あるということである。
なお、雑音は-0.01*-0.0-1の一様乱数でその MSEは3.334155e-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               #execute learning, test and prediction
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      (z)訓練データのMSE(MSEtrまたはMSEtrain)を扱示するようにした。
ChrainSed では米畑のテストデータに対するMSEがMSEtrainより小さこれは
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0.dat #prediction file
#yOmin yOmax ylmin ylmax for normalization
#xOmin xOmax xlmin xlmax for normalization
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                #show training data show_data_parms(train);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             #n_cells #storing vectors
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                                                                                                                                                                                                                                                                                            (1)sim.cの表示ルーチンを簡素化した
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       #v_ratio
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                                                                                          040128 r=0.20 C=1000 e=0.001
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29114 Oztrainbe4 alpha=0.20 50MSE012 1.654e-02 3.96e-02 4.84e-02MMSE06.64e-02MSEtr2.72e-03N500k2w0.1vm3:0>
43ssp1.3243e-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           03train5e4 alpha=0.05 50MSE012 1.749e-06 1.53e-06 2.12e-06NMSE01.77e-04MSEtx3.16e-05N500k2w0.1vm3:0>
                                                                                                                                                                                                                                                                                                                           24093 03train5e4 50MSE012 1.944e-06 1.96e-06 2.46e-06NMSE01.97e-04MSEtr3.44e-05N100k2w0.1vm3:0
24094 11train5e4 50MSE012 3.356e-05 3.36e-05 3.22e-05NMSE04.10e-04MSEtr6.22e-05N100k2w0.1vm3:0100MSE012 3.
                                                                                                                                                                                                                                                                                                                                                                                                                  07train5e4 50MSE012 3.029e-05 1.70e-04 3.00e-06NMSE02.48e-04MSEtr6.53e-05N100k2w0.1vm3:0100MSE012 2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             24096 02train5e4 50MSE012 2.294e-02 4.17e-02 4.47e-02NMSE09.21e-02MSEtrl.22e-02N100k2w0.1vm3:0100MSE012 2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              03train5e4 50MSE012 1.543e-06 1.36e-06 1.81e-06NMSE01.56e-04MSEtr3.19e-05N500k2w0.1vm3:0>35ssp1.3908
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   03train5e4 50MSE012 1.859e-06 1.86e-06 2.72e-06NMSE01.88e-04MSEtr3.46e-05N100k2w0.1vm3:0>50ssp1.8587
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    03train5e4 alpha=0.20 50MSE012 1.419e-06 1.32e-06 1.84e-06NMSE01.44e-04MSEtr3.24e-05N500k2w0.1vm3:0>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           11train5e4 alpha=0.20 50MSE012 3.586e-06 2.69e-06 3.43e-06NMSE04.38e-05MSEtr3.33e-05N500k2w0.1vm3:0>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      03train5e4 alpha=0.01 50MSE012 1.782e-06 1.86e-06 2.11e-06NMSE01.80e-04MSEtr3.18e-05N500k2w0.1vm3:0>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                02train5e4 50MSE012 1.451e-02 3.66e-02 3.85e-02NMSE05.82e-02MSEtr2.79e-03M500k2w0.1vm3:0>20ssp1.3121
                                                                                                                                                                                                                                        11train5e4 50MSE012 3.191e-05 2.59e-05 3.00e-05NMSE03.90e-04MSEtr6.35e-05N100k2w0.1vm3:0 100MSE012
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              07train online 3.38e-5
alphae0.15 net--net.26 net--net.26 3.49e-06NMSE02.37e-04MSEtr6.92e-05NI00k2w0.1vm3:0
-100MSE012 2.592e-05 9.69e-05 3.49e-06 X.28e-05NWSE07.47e-04WSEtr1.38e-04M100k2w0.1vm3:0
alphae0.10 100MSE012 9.139e-05 5.39e-04 2.28e-05NWSE07.47e-04WSEtr1.28e-04NI00k2w0.1vm3:0
alphae0.15 *0.06 100MSE012 4.298e-05 2.30e-04 3.60e-05NWSE03.51e-04WSEtr1.24e-04NI00k2w0.1vm3:0
0.05nentropy->100MSE012 5.570e-05 2.65e-04 2.09e-05NWSE04.56e-04WSETr1.34e-04NI00k2w0.1vm3:0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      00 ≥ 8
50MSE012 1.749e-06 1.53e-06 2.12e-06NMSE01.77e-04MSEtr3.16e-05N500k2w0.1vm3:0
50MSE012 3.376e-06 2.56e-06 4.15e-06NMSE04.12e-05MSEtr3.30e-05N500k2w0.1vm3:0
50MSE012 8.234e-06 3.33e-05 2.47e-05NMSE06.75e-05MSEtr3.69e-05N500k2w0.1vm3:0
50MSE012 1.642e-02 5.41e-02 4.32e-02NMSE06.59e-02MSEtr2.37e-03N500k2w0.1vm3:0
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03train5e4
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02train5e4
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07train5e4
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38sspl.3481e-06
24112 11train5e
49ssp3.2338e-06
24113 07train5e
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12sspl.3338e-06
24119 03train5s
1sspl.5762e-06
24120 →
f 03
f 11
f 07
f 02
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24091 13
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24095 (
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24103
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24237 24238 24239

242847 242887 244290 244290 244299 244299 244299 244300 244300 244300 244300 244300 244300

24282 24283 24284 24285 24286

24304 24305 24306 24307

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(1) GSL(正確な最小2乗解法)によるmodify_M_batch のルーチンの誤りを訂正し、実験した。
コンパイル方法は
make "GSL=1"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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荷電ベクトルの更新式と学習係数を説明しやすいように
以下のように変更した。
http://terasu.cmtl.kyutech.ac.jp/~kuro/sotu/2004/ueno/docs/03ieice_kuro.tex
名参照。
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       040119 f03 50sspl.7329e-06-9sspl.3566e-06(1.3728e-04)N500k2w0.lvm3:0040119 f11 50sspl.7329e-06-53ssp3.556e-06(4.3379e-05)N500k2w0.lvm3:0040119 f11 50ssp6.1905e-06-50ssp6.1905e-06-510ssp0.20se-06-510ssp0.20se-06-50ssp0.73spl.479e-02(5.0621e-05)N500k2w0.lvm3:0040119 f02 50sspl.7839e-02)77sspl.479e-02(5.5939e-02)N500k2w0.lvm3:0040119 f02 50sspl.7824e-02>35sspl.3843e-02(5.5572e-02)N500k2w0.lvm3:1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   040119 f03 50spp1.7736e-06>9spp1.3566e-06(1.3728e-04)N500k2w0.1vm3:-1 040119 f11 50spp3.7047e-06>32spp1.5536e-06(4.3379e-05)N600k2w0.1vm3:-1 040119 f07 50ssp8.0602e-06>44ssp7.0511e-06(5.7659e-05)N500k2w0.1vm3:-1 04012 f07.100ssp4.592e-06.100ssp4.952e-06(4.0499e-05)N500k2w0.1vm3:-1 040129 f07100ssp4.592e-06.100ssp4.952e-06(4.0499e-05)N500k2w0.1vm3:-1 040119 f02 50ssp1.455e-06>10.249ssp1.4405e-02(5.7782e-02)N500k2w0.1vm3:-1 040119 f02 50ssp1.355e-06.58sp1.4145e-02(5.6738e-02)N500k2w0.1vm3:-1 040119 f02 50ssp1.856e-06.85sp1.8416e-06(1.6538e-02)N500k2w0.1vm3:-1 if (GlobalTime-ReinlitTime-4) return(0):0) \mathcal{D} \mathcal{
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               width=0.2でも やってみた (f02の結果が不満足) 6446-06 (1.3786e-04)N500k2w0.2vm3:-1 040119 f03 50sspl.6149e-06.7sspl.364e-06 (1.3786e-04)N500k2w0.2vm3:-1 040119 f11 50ssp3.7849e-06.39ssp3.6869e-06 (4.5006e-05)N500k2w0.2vm3:-1 040119 f07 50ssp6.9569e-06.45ssp6.2591e-06 (5.1182e-05)N500k2w0.2vm3:-1 040119 f07 50ssp1.878e-02.N150sp1.4537e-02[8.5355e-02)N500k2w0.2vm3:-1 040119 f02 50ssp1.8600e-02-10ssp1.4537e-02[8.5355e-02)N500k2w0.2vm3:-1 040119 f02 50ssp1.732e-02]N500k2w0.2vm3:040119 f02 50ssp1.732e-02)N50p1.4537e-02[8.534e-02)N500k2w0.2vm3:-1 040119 f02 50ssp1.7329e-02>10ssp1.4537e-02[8.5356e-02)N500k2w0.2vm3:5 040119 f02 50ssp1.6784e-02>10ssp1.4537e-02[8.355e-02)N500k2w0.2vm3:5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               (1-1) my_plinn.cで 荷重ベクトルの更新式を以下のような感じで変えた。
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 #execute learning, test and prediction
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                (1) vがvmin2 以下のユニットは削除。vmin2=-1のとき何もしない
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#d times #display
                                                                                                                                                                                    //ata/lltest.dat #prediction file 0 0 0 #y0min y0max y1min y1max for normalization
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5e7
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3.7047e-06 3.855e-06 1.113e-05 0.00000188
8.0602e-06 3.134e-05 1.92884e-05 0.00000529
1.4668e-02 1.665e-02 0.0149962 0.0811174
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4.4772e-06 3.865e-06 1.113e-05 0.00000188
1.1927e-05 3.134e-05 1.92884e-05 0.00000529
1.2426e-02 1.665e-02 0.0149962 0.0181174
                                                                                                                                                                                                                                                                                                                                                                                                                #n_cells #storing vectors
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   #window width
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     #v_thresh vmin vmin2
#0:timeseries,1:chaos
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GlobalTimeをセーブするようにした。
                                                                                                                                             #training file
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               maxle6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      #n_compare
                                                                                                                                                                                                                                                                                                                                         #init net
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5e4 5e4
5e5 maxle
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  can2online SVR
5e4 5e4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   #width
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    #v_ratio
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                #0:online,1:batch
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                てみた (£02が不満足
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               5e5
```

readmecan2mspeech.txt

readmecan2mspeech.txt

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(FLOAT)square(x[j]-net->cell[si].w[j]); delta_wic = (FLOAT)sqrt(delta_wic/2), // /21に注意 (1-2)my_plinn.cで学習係数を以下のような感じで変えた。

delta_wic = 0.0;
for(j=0; j<n_channels; j++)
delta_wic +=</pre>

dwNorm+= square(net->coll[i].dw[k]);
if(dwNorm<fabs(net->coll[i].dw[k]))
dwNorm=fabs(net->coll[i].dw[k]);

 $for(k=0;k<(n_channels);k++)$

#execute learning, test and prediction

#GlobalTime

temp.net

24447

24449 24450

24453

#0:online,1:batch

#window width

#v_ratio

5 3 -1

#i_times # iterations to execute

#d_times #display

3 50> 385D1.440>c
5 51> 785D1.440>c
5 51> 785D1.440>c
5 512 785D1.440+06(1.4813e-04/N500k2w0.8vm3--5 513> 1085D1.3767e-06(1.18913e-04/N500k2w0.8vm3--156 513> 1085D1.3767e-06(1.391a-04)N500k2w0.8vm3--1
457 54> 1385D1.43767e-06(1.391a-04)N500k2w0.8vm3--1
458 512 1485D1.3429e-06(1.3878-04)N500k2w0.8vm3-1
4449 55> 1485D1.349e-06(1.361a-04)N500k2w0.8vm3-1
24461 518> 1285D1.3490e-06(1.3651e-04)N500k2w0.8vm3-1
24461 518> 1285D1.3490e-06(1.3651e-04)N500k2w0.8vm3-1

24454 24455 24455 24456 24457 24450 24460 24462 24462 24463

When initialize net->cell[i].am.p[k][I]=le4; 5:0> 9sspl.5109e-06(1.5298e-04)N500k2w0.8vm3:-1 5:1> 4sspl.5744e-06(1.5392e-04)N500k2w0.8vm3:-1 5:2> 12sspl.5910e-06(1.6100e-04)N500k2w0.8vm3:-1 5:3> 4sspl.5942e-06(1.6101e-04)N500k2w0.8vm3:-1 5:5> 6sspl.4380e-06(1.4551e-04)N500k2w0.8vm3:-1 5:7>14sspl.4498e-06(1.4551e-04)N500k2w0.8vm3:-1 5:7>14sspl.4498e-06(1.4567e-04)N500k2w0.8vm3:-1 5:9> 6sspl.4396e-06(1.4567e-04)N500k2w0.8vm3:-1

24465

24467

When initialize net->cell[i].am.P[k][1]=1e3; 5:0> 14sspl.4947e-06(1.5125e-04)N500k2w0.8vm3:-1

24468 24469 24440 24471 24472 24473 24474 24474 24476 24476

5:1> 6sspl.5107e-0611.5287e-04)N500k2w0.8vm3:-1 5:3> 6sspl.5696e-06(1.5883e-04)N500k2w0.8vm3:-1 5:5>11sspl.6103e-06(1.6295e-04)N500k2w0.8vm3:-1

#execute learning, test and prediction

#0:online,1:batch

temp.net

24428 24430

24427

24426

24429 24432 24434 24436 24437 24439

MS### can2

24431

du

24433

#window width

#v_ratio #width

5 3 -1

24422 24423

24424 24425 #i_times # iterations to execute #d_times #display

dat #prediction file #yomin y0max y1min y1max for normalization

#training file

./data/03train5e4.dat

./data/03test.dat

24438

24435

0 0 0

000

24441 24443 24444

24440

#0:timeseries,1:chaos #channels

#init_net #n_cells #storing vectors

#n_compare #v_thresh vmin vmin2

#y0min y0max y1min y1max for normalization

#prediction file

#training file

./data/03train5e4.dat ./data/03test.dat

24414 24414 24415 24416 24417 24418

0 0 0

200

24420

#0:timeseries,1:chaos #channels

ゼーブとロードのチェック。

040116

24410

can2

dwNorm=sqrt(dwNorm);

24406 24407 24408 24409

#init_net #n_cells #storing vectors

#n_compare #v_thresh vmin vmin2

```
1) reinit_cell_batch()を検討した。
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        使いかたは
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      (1) 短期予測結果を学習して、
コマンドは po。使いかた
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1)n1が変だったので修正。
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               init_net_batch(net,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     030708m
(1)大幅に変えた:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        030726m
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            030725m
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         030717m
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        030709e
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    030713
                            07train5e4>94sspl.1179e-05(9.1417e-05)N500k2w0.8vm3 nl=net->vmin/(1.+GlobalTime/20.)+0.5;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            030725m O2train564> 52sspl.1347e-02(4.5550e-02)N500k2w0.1vm2
030714e 07train564>100 MSE1.895141e-05;4.550582e-01 NMSE1.549705e-04;3.721126e+00 N500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       \frac{\chi_1 \Phi}{\chi_1 \Phi} の結果は \frac{1}{12} Lyapunov時間の5倍から10倍の時間まで予測可能だったと報告している。これは例えば初期時刻の課業\frac{1}{12} KO \frac{1}{12} M \frac{1}{12} L \frac{1}{12} C \frac{1}{1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             030716e
(1) 母音の多段予測で以前より良い結果が得られた(下の a3000.datがある実行例を参照)。この結果では、テストデータの多段予測時の誤差の最大値は±40
程度であり、信号の範囲(0-200)まで誤差は拡大しなかった(これは下にあるように取り支援して値かめられる)。また学習誤差(訓練データの一段予測時のただし十分長い時間長では誤差がでてくる?
だんし十分長い時間長では誤差がでてくる?
(対えば、msp0(訓練データの多段予測)を実行してみよ→t=1500程度まで(は ±50人)、msp(影響データの多段予測)を実行してみよ→t=1500程度まで
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (1) 関数近似においては、パッチ型CaNZの能力はオンライン型CaNZより悪いようだ。 http 後者は無限のデータを使うからと考えれば理解できる。しかし同じデータを使った SNZの第集 (ieice0302/mse_N.dat参照)より良くできなかった(ナポータを作った CNZの12)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  それぞれ個々のカオス時系列と解釈してよい
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     (i) RungeKuttaの刻み幅が大きいために生じる推定膜差
(ii) RungeKuttaの構度(浮動小数点桁数)による丸め誤差
(iii) データをやり取りするときの丸め誤差(通常有効数字6桁の浮動小数点)
にどが合まれ、生成された時系列は与えられた数式による真のカオス時系列ですな。
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            の部
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              を命
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            (1) 一般に解析解が求まらないカオス時系列はKungeKutta法等で数値解この数値解には
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            prediction of Chaotic Time Series"
03train5e4>14sspl.3104e-06(1.3260e-04)N500k2w0.8vm3
11train5e4>35ssp4.3382e-06(5.2956e-05)N500k2w0.8vm3
07train5e4>87sspl.5499e-05(1.2674e-04)N500k2w0.8vm3
02train5e4>12sspl.2124e-02(4.8669e-02)N500k2w0.8vm3
                                                                                                                      03train5e4>14sspl.3229e-06(1.3387e-04)N500k2w0.8vm3
11train5e4>33ssp4.2675e-06(5.2093e-05)N500k2w0.8vm3
OZtrain5e4>33sspl.2617e-05(1.0317e-04)N500k2w0.8vm3
02train5e4>12sspl.214-02(4.8669e-02)N500k2w0.8vm3
                                                                                                                                                                                                                                                07train5e4>447ssp7.1086e-06(5.8129e-05)N500k2w0.8vm3
                                                                                                                                                                                                                                                                                             03train5e4> 5sspl.3808e-06(1.3973e-04)N500k2w0.8vm3
11train5e4>35ssp4.4272e-06(5.4042e-05)N500k2w0.8vm3
01train5e4>96sspl.1927e-06(5.7528e-05)N500k2w0.8vm3
02train5e4>8sspl.1242e-02(4.9881e-0.5)N500k2w0.8vm3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ころで(i),(ii)はシステム誤差、(ii)は観測誤差と解釈できる。
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 10.0(*5e4) 5e5 maxle6 6.19287e-06 0.00000041 4.272e-06 3.865e-06 1.13e-05 0.000000829 11.1927e-05 3.134e-05 1.92884e-05 0.00000529 11.2426e-02 1.665e-02 0.0149962 0.01811174
                                                                                                                                                                                                                                                                                                                                                                                                                       can2online
                                                                                                                                                                                                                                                                                                                                                                                                                       can2online SVR
                                                                                                                                                                                                                                                                                                                                                                                                                                             5e4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  などが含まれ、生成された 時本がはな。
はな。
この時系列にもカオス性はあり、
のかもしれない。
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               space
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (1) D.Yu,et al. "Phase
との比較について。
                                                                                                                                                                                                                                                                                                                                                                                                                 can2batch c
5e4 E
100(*5e4)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  031110
svrの導入 sim.c
                                                                                                                                                                                                                                                                                                                                                                                                                                        データ数
学習回数
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          07train
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 02train
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     030726m
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             03train
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    11train
  040109
040109
040109
                                                                                                                                             040109
040109
040109
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 031211
                                                                                                                                                                                                                                                040107
                                                                            040109
                                                                                                                         040109
                                                                                                                                                                                                                                                                                             031211
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        030713
```

readmecan2mspeech.txt

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```
ーチンで構
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              (1) exec_sim()の浴中で一段予選(sab)と多段予選(mab)の眼溢なネットを琢存するようにした。
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      n_train);を繰り返す。
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            030716e
(1)時音の解像度は1/15であり、かつ有効数字6桁まで(例えば0.066667≈1/15)
のようだ。これに対応できるようにcalc_output()で特殊処理した。
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 (1) lorenz やO7train は学習回数が小さく、widthが小さい方が良いみたい?(2) カオス時系列を発生させるRungeKutta法との検討を行った。
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      (1)解像をより一般化した。
(1)解像をなより一般化した。
(2)正規化を導入:正規化した信号で学習と予測を行い、元にもどして誤浴を
測るようにした。
元の信号はgivendata->x[t],givendata->x[t],
処理信号はgivendata->x[t],givendata->x[t],
(2) に、calc_output()も変更。
(3) 従来のpred は msp(多段予測)、従来のtest はssp(一段予測)の観点から
サブルーチンと今変数化などを変更した(結構大幅な変更)。
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (2) in seco_msp_test()でデータの解像度が正整数などのとき、予測値は実数
顕光はその解像度で解価するようにした。
そのため calc_output()に第3引数を追加し
NET *net, FLOAT *x, FLOAT *y)とした。
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       train->x, n_train);は2つのルーチンで構成
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (1) Santafe data (A.datA.cont)のためcalc_output()で整数型を導入
exec_simの人力が1つ増えた。
C. Santafe datafc はnlb 別にしたほうが良いみたい。
nle(ヤッシで1)+3)*(1./GlobalTime-1./GlobalTimeNax);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          train) は次
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  より長期の予測を行う方法を導
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (b-3)calc_alpha(net, x_train, y_train,n_train);
(b-4)reinit_cell_batch(net, x_train, y_train)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      変更履歴まとめ(本当はもっと多く変更)--- history
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      (a)init_net_batch(net, train->x, n_train);\emptyset & (b)store_vector_batch(net, train->x, train->y,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        store_vector_batch(net, train->x, train->y, n_tra
(b-1)calc_Voronoi(net,x_train,y_train, n_train);
(b-2)modify_M_batch(net, x_train, y_train);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      mackeypo.sh, rosslerpo.sh, lorenzpo.sh を参照。
```

030725e>100ssp2.8390e-05(1.0492e-06)88msp9.1745e-01(3.3904e-02)N320kl0w0.9vm3
030725e>72ssp4.384e-06(1.621-07)77msp2.2714e+00(18.3939e-02)N320kl0w0.9
030725mc4ssp2.534le-05(9.364e-07)4msp1.8654e+00(6.8861e-02)N320kl0w0.9
>100ssp2.596e-05(9.6036e-07)88msp2.751e+00(1.0174e-01)N320kl0w0.9
>100ssp2.596e-05(1.1976-06)6msp2.753le+00(1.1598e-01)N320kl0w0.9
>50ssp5.2316e-05(1.1976-06)6msp3.7751e+00(1.1598e-01)N320kl0w0.9 #channels ./data/rossler10000_le-3_400.dat #training file 5000 5500 #Trrain_Trotal: points in time of training and total data 0 0 0 0 #y0min y0max y1min y1max for normalization ./data/rossler5000_le-3_100.dat #training file
5000 4000 #Trzain.y0max ylmin ylmax for normalization
0 0 0 #ymin yomax ylmin ylmax for normalization #0:timeseries,1:chaos prepare_data() in my_function.c #0:timeseries,1:chaos prepare_data() in my_function.c (1) MSEでなく NMSE (MSEを信号の標準偏差で割ったもの)を出力するようにした。 (1) modify_w_batch での荷電修正を一括して行うようにした。 (2) ReinitRandom のところを少しかえた。(ReinitRandomはあまり良くない) (1)時系列データファイルは値のみとする。よって以下の結果を得るには mackey-glass.datでなくmackey2200.datを使うこと。 Subjected May Max L レーツ_threshは0'1の範囲にする。 (2) store_vector_batch (in my_plinn.c) のy_m の計算が間違ってた。 (3) store_vector_batch (in my_plinn.c) の yートが遊だった。 (4) init_batch ivector (in my_function.c)を ちょっと変えた。 (5) sigma_hatの計算方法を変えた。 (5) sigma_hatの計算方法を変えた。 (6) net->ymin, ymaxを導入 → calc_outputを変えた。 (6) net->ymin, ymaxを導入 → modify_w batchを変えた。 (7) 関数近似もできるようにした。 (b-5)modify_w_batch(net, x_train, y_train, n_train); #show training data show_data_parms(train); #show training data show_data_parms(train); (1)my_function.c で nl=bidata->m[i]+(n_channels+1,-bidata->m[i])* (1./GlobalTime-1,/GlobalTimeMax); を導入 1) modify_w_batchで遠ざける処理を導入。 2) modify_w_batchでerr_iの正規化処理を導入。 (1)can_20030611.tar.bz2 がオリジナル --- 030722以降の実行例 ---examples ●関数近似 function approximation #n_cells storing vectors #n_cells storing vectors #i=0:online,i=1:batch
#iterations to execute window width window width #show network params #show network params #n_compare #v_thresh v_min #n_compare #v_thresh vmin #0:online,1:batch (1) reinit_w_batchを修正。 #channels #v_ratio #v_ratio #display #execute #width #width bestmsp.net 2000 4000 030704m 030702m 030701e 030629e 030629m 0306280 0.53 0.53 can2 can2 320 in 300 100 224729
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24880 031204100ssp7.6526e-06;6.2577e-05msp4.5490e-01;3.7198e+00ssp03.2510e-04N500k2w0.8vm3??/031204の変更を したもの、02dataではよくない!

040107>96ssp1.1927e-05(9.7528e-05)N500k2w0.8vm3

bestssp.net

100 gp ëX

24869 24872 24874 24875

24870 24871 24873 24876 24877

>94ssp1.1179e-05(9.1417e-05)N500k2w0.8vm3

24878

#show network params #show batch params #execute learning, test and prediction

#0:online,1:batch #i_times # iterations to execute #d_times #display

030725m> 71sspl.1116e-05(9.0896e-05)N500k2w0.8vm3
030723e> 77sspl.173389e-05 9.595103e-05 N500k2w0.8
03077ae> 77 MSELI.173389e-054.550532e-01 NMSES.955103e-05;3.721085e+00 N500k2
030774e>100 MSEL.895141e-05;4.55058e-01 NMSEL.549705e-04;3.721126e+00 N500
030708> 100 MSE3.191986e-05;4.550516e-01 NMSEZ.610167e-04;3.721072e+00 N500

24882 24883 24884 24885 24886

24881

24970 24971	bestmap.net map
24973	
24974	+ Cre
24977	4000 5000 #tcrain,/tocal: points in time of craining and tocal data 0 0 0 #yomin yomax yimin yimax for normalization
24978	030725m>>100ssp1.4081e-05(2.2362e-07)15msp3.8052e-01(6.0430e-03)N500k10w0.9vm3
24980	100SSP1.1517e-06(1.291e-09) 799SP4-01(1.4.4310e-01)NB0VKLVWV.;VWH4
24982	>1UUSSED>./93e-U0(8.222e-U0/8msp3.08999/8+U1.5.80UUE-U1)A4UUKLUWU.9VM4 >53ssp7.1028e-U6(1.1280e-U7)45msp5.5793e+U1(8.8605e-U1)N400kl0w0.9vm3
24984	>100ssp1.6170e-05(2.5679e-07)20msp2.9930e+01(4.7531e-01)N500K10w0.9vm4 >100ssp1.9434e-05(3.0863e-07)64msp2.4456e+01(3.8838e-01)N600K10w0.9vm3
24986	>70sspl.9020e-05(3.0206e-07)10msp3.3998e+01(5.3992e-01)N700k10w0.9vm3
24988	
24989	030723e>86sspl.2917e-04(2.0513e-06)50msp2.3147e+00(3.6760e-02)N800k10w0.9 030717> 47 MSE1.336571e-04;2.357905e+01 NMSE2.122590e-06;3.744558e-01N800k10
24991	↑この誤差はsigma=1e-5´1e-6のシステム誤差が加わった応答とほぼ等しい。 / //
24992	(gmp/examples.kuro/
1 24994	をして確かめよ。
24995)
24996	030/1/2e-10 MSE1.7L240e-0-473.7.1L3584170e+01 NMSE2.7.1S580e-0055.5.542429e-01 NW0K1U 030712e-10 MSE1.268072e-0511.588170e+01 NMSE2.013809e-077.2.522153e-011N800W0.1
24998	030712e>10 MSET,867260e-06:5.820007e+01 NMSE1.249389e-07:9.242678e-01N500
25000	kungekutta刻 や幅 1e-4で出 以した 時 氷灯:/data/1ozenz10000_1e-4.datの CAN2 での 予測は Rungekutta刻 み幅1e-5で生成した時系列よりも良い。
25001	Cf. plot [4000:4500] "lorenz10000_le-4.dat" using 5:1, "lorenz5000_le-4_le-5.dat" using 5:1 类别
25002	ine SLMODE 1 7 chaosgmp 1002 10000 1e-4 250
25004	#define SLMODE -1 '7' chaosgmp 1002 10000 1e-3 25 > lorenz10000_le-4_le-3.dat
25006	
25007	"lorenz10000_le-4.dat" using 5:1, "lorenz5000_le-4_le-5.dat"
25009	
25010	40 0 4 Aprametral notation as the management of the control of the
25011	.ca/mackey 4000
25013	0 0 0 #y0min y0max y1min y1max for normalization
25014	1n #n cells storing vectors
25016	#n_compare
25017	0.5 4 hv thresh vmin
25018	1.0 #V_zatio 0.2 #width window width
25020	#show tra
25021	
25022	sin ##show batch barams
25024	
25025	1 #0:online, 1:batch
25025	
25028	****最適多段予測結果を示すネットの読込み
25029	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
25030	שמס מיוופר.
25032	****より長期予測
25033	
25034	0 #0. #channels prepare_data() in my_runction.c
25036	./data/mackey10000_1e-3_p128.dat #training file
25037	2000 8000 #number of training data get_data_parms in my_function.c
25038	U U U #YUMIN YUMAX YIMIN YIMAX IOF NOFMALIZATION MSP
25040	****
25041	Minimum MSE(MNSE) for ssp and msp:
25042	030/25m>>1008Sp5.23/8e-08(1.0196e-06/84mSp1.3808e-05(2.6880e-04/NZ00K40w0.2 030725m>50ssp1.5615e-06(3.0397e-05)28msp1.1989e-04(2.3338e-03)N500K40w0.2
25044	030723e> 50ssp1.6840e-06(3.2782e-05)28msp1.3052e-04(2.5409e-03)N500k40w0.2
25045	030717 > 28 MSEL7344244-016:11.3052446-04 NMSES.3794866-015:2.340406-015-015-010000-01000-01-01-01-01-01-01-01-01-01

#0:timeseries,1:chaos prepare_data() in my_function.c

#channels j k

can2 0 50

#Ttrain,Ttotal: points in time of training and totaldata #yomin yofmax yofmin yilang for normalization #yomin xofmax to normalization x1/x2 for the resolution x1/x2

./data/santafe.dat #training file 1000 1100 #Ttrain,Ttotal: po 0 255 0 1 #YOmin yOmax ylmin

#n_cells storing vectors

in 320

readmecan2mspeech.txt

Jun 19 2021 08:15:37

030725m>25ssp9.8380e+01(3.1959e-02)2msp8.2610e+01(2.6836e-02)N320k50w0.9vm4
030722e>3sssp9.6810e+01(3.1449e-02)35msp8.4820e+01(2.7554e-02)N320k50w0.9
030723e>3sssp9.6810e+01(3.1449e-02)32msp8.5000e+01(2.7612e-02)N320k50w0.9
030732e> SG NSE9.802000e+01.85.500000e+01 NNSE3.184178e-02.7.761223e-02 N320k50w0.9

best online CAN2 pr3.44e-02N300p51q2 best Sauer 0.080

#i j k :i=0:online,i=1:batch, j/kは分解能(resolution) #iterations to execute

#show training data show_data_parms(train);

#show network params #show batch params

#execute

#display

bestmsp.net

window width

#v_thresh

0.54

#v_ratio

#n_compare

best Wo 0.028 0.028 0.028 0.039 0.02

#0:timeseries,1:chaos prepare_data() in my_function.c

#number of training data get_data_parms in my_function.c #nyonin younsay yinin yimax for normalizarion #integers r1 r2 for the resolution r1/r2

#training file

#channels

/data/a3000.dat

can2

#n_cells storing vectors

#v_thresh th_compare

0.54

300

250.055 250.055 250.056 250

#v_ratio

#width

#show training data show_data_parms(train);

#show network params show batch params #0:online,1:batch

window width

#iterations to execute

nl bestmsp.net

100

> 100 MSRB.061614e-04;1.844380e-01 NMSR6.592186e-03;1.508196e+00 N500width0.8 > 100 MSRB.055997e-04;1.883815e-01 NMSR6.587593e-03;1.540443e+00 N500 width0.1 onlineCAN2>>f07 LM05 MSE012:1.060333e-03;1.330766e-06,4.390513e-03 Maxabs0.38677 Meanabs0.00761 Nois 10 MSE1.297887e-02/4.689419e-01 NMSE5.210109e-02/1.882474e+00 N500k2w0.1 87 MSE1.19144e-02/4.687109e-01 NMSE5.730456e-02/1.88147e+00 N500k2 54 MSE1.265124e-02/4.687315e-01 NMSE5.078589e-02/1.881629e+00 N500k2 10 MSE1.297887e-02(width=0.1) =0.014996 #ofdata=2e3 Cf.bestSVR MSE1.4996e-02 =0.014996 #conlineCAN2 MSE1.990468e-02=0.01990468 030713: 25195 25196 25197 25198 25199 255200 255200 255200 255200 255200 255200 255200 255200 255200 255200 255200 255200 255200 255200 255200 255200 255200 255200

030710m> 10 MSE1.300175e-02 (width=0.1)
030708e> 50 MSE1.38845e-02; 不安定
030708e> 50 MSE1.328946e-02; 不安定
0307070m> 100 MSE1.42894e-02
0307070m> 50 MSE1.312789e-02
after3070m> 50 MSE1.31729e-02
after030701e> 100 MSE1.311729e-02
after030529e> 100 MSE1.311778e-02; alpha=0.02*(1.-GlobalTime/GlobalTimeMax);//
after030629e> 100 MSE1.31078e-02;

#multi-step prediction of test data
#multi-step prediction of training data
#multi-step prediction of training data
#milti-step prediction of training data
#milti-step prediction of training data
#single-step prediction of training data
25110 030726m>lssp2.9643e+01(2.7002e-02)5msp1.3356e+02(1.299e-01)N300k80w0.1vm44255
25111 030723ea-lssp2.7651e401(2.7002e-02)2msp1.3367e-02(1.299e-01)N300k80w0.1vm4
25112 030723ea-lssp2.7651e401(2.1667e-02)1msp1.3376e+02(1.299e-01)N300k80w0.1
25113 030722ea-3 MSE2.914907e+01.1.36473ea-02 MNSE2.747921e-02.1.279029e-01 N300k80
25115 030714e> 3 MSE2.914907e+01.1.36775e+02 NNSE2.747921e-02.1.279029e-01 N300k80
25117 030714e> 3 MSE1.66617e+01.5.08930e+02 NNSE2.33076e-02.5.59186e-01 N3
25117 030714e> 9 MSE1.591294e+01.6.922439e+02 NNSE2.1.33078e-02.5.59186e-01 N12
25119 030714e> 9 MSE1.591294e+01.6.922439e+02 NNSEE.5.33078e-02.5.59186e-01 N12
2512 030704e> MSEC.99260e+00.9.96650e+01 NNSE6.592020e-03:9.39560ee-02 N10
2512 0m74e> m8E6.99260ee+00:9.96650e+01 NNSE6.592020e-03:9.39560ee-02 N10
2512 0m74e> m8E7.59206e+00:9.96650e+01 NNSE6.592020e-03:9.39560ee-02 N10

#0:timeseries,1:chaos prepare_data() in my_function.c

before030629e> 100 MSE1.335028e-02 ● 時系列

#training file
#prediction file
#init_net
#n_cells #storing vectors

./data/07train5e4.dat ./data/07test.dat

in 500

can2

#n_compare

#0:timeseries,1:chaos #channels

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window width
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「この課業化は sigman-1e-5 1e-6のシステム調業が加わった応替とほぼ等しい。
(../gmp/examples.kuro/でgmplotを実存し、
plot [2000:5000] "mackey10000_le-3_pl28.dat" using 0:1,"mackey5000_le-3_pl28_2000+le-5.dat" using 0:
                                                                                                                                                                                                                                                                                                                                                                                      0307177m-10 MSE9.783000e+01:9.441000e+01 NMSE3.178005e-02:3.066907e-02 N320K50 030716e-10 MSE9.783000e+01:9.494000e+01 NMSE3.178005e-02:3.084124e-02 N320K50 030714e-10 MSE9.662000e+01:9.757000e+01 NMSE3.138699e-02:3.169559e-02 N320 030714e-10 MSE9.662000e+01:3.50559e-01 NMSE3.138699e-02:3.169559e-02 N320 030714e-10 MSE9.661000e+01:3.505540e+03 NMSE3.807027e-02:4.448949e-01 N320
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         #0:timeseries,1:chaos prepare_data() in my_function.c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ##MILL-Step prediction of training data
MSE2.914907e+011.1.356175e+02 NWSE2.74792ie-02;1.278484e-01 N300K80
MSE2.914907e+011.1.356175e+02 NWSE2.74792ie-02;1.2784884e-01 N300K80
## NSE4.670700e+001.472216e-02 NWSE3.84655e-03;4.21605e-01 N2
8 MSE1.16867-Pe-015.058930e+02 NWSE1.101670e-02;4.769118e-01 N8
9 MSE1.1591293e+018.132486e-02 NWSE1.50013e-02;7.56569e-01 N12
9 MSE7.013160e-00:1.087398e+02 NWSE6.61136e-03;9.395606e-01 N10
6 MSE6.992606e+00:9.966561e+01 NWSE6.592020e-03;9.395606e-02 N10
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                                      #Ttrain, Ttotal: points in time of training and total data
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#i jk :i=0:online,i=1:batch, j/kは分解能(resolution)
#iterations to execute
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j/kは分解能 (resolution)
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                    ./data/santafe.dat #training file
1000 1100 #Ttrain,Ttotal: pc
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set data style lines
plot [9000:10000] "lorenz9000_10000_1e-3_pl28.dat" using 0:1,"lorenz10000_1e-4_pl28.dat" using 0:1
030712e>10 MSE1.268072e-05;1.588170e+01 NMSE2.013809e-07;2.522153e-01N800W0.1
030712e>10 MSE7.867266e-06:5.820007e+01 NMSE1.249388e-07;9.242678e-01N500
RungeKutta刻み幅1e-4で生成した時系列,/data/lorenz10000_le-4.datのCAN2
での予測は RungeKutta刻み幅1e-5で生成した時深列よりも良い。
で、Papt [4000:4500] "lorenz10000_le-4.dat" using 5:11, "lorenz5000_le-4_le-5.dat" using 5:1
                                                                                                                                                                                                                                                                                                                        #define SLMODE 1 °C chaosgmp 1002 10000 1e-4 250 > lorenz10000_le-4.dat
#define SLMODE -1 °C chaosgmp 1002 10000 1e-3 25 > lorenz2000_le-4_le-3.dat
#define SLMODE -1 °C chaosgmp 1002 5000 le-5 2500 > lorenz5000_le-4_le-5.dat
plot [4000:4500] "lorenz10000_le-4.dat" using 5:1, "lorenz10000_le-4_le-3.dat" using 5:1
plot [4000:4500] "lorenz10000_le-4.dat" using 5:1, "lorenz5000_le-4_le-5.dat" using 5:1
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9000 10000 #Ttrain,Ttotal: points in time of training and total data
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2000 4000 #Ttrain,Ttotal: points in time of training and total data
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10 MSE2.848007e-04;9.813702e+00 NMSE1.084743e-05;3.737824e-01 N300kl0
10 MSE2.770286e-04;7.177956e+00 NMSE1.055141e-05;2.733330e-01 N400kl0
10 MSE2.484028e-04;9.377020e+00 NMSE9.461118e-06;3.571501e-01 N500kl0
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1500 2000 #Ttrain,Ttotal: points in time of training and total
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25441 25442 25443 25444

25448 25449 25450

```
yhat2mse mackey10000_1e-3_p128.dat mackey5000_1e-3_p128_2000+1e-5.dat 2001 5000 > mse.dat
../gmp/examples.kuro/yyhat2mse ./data/mackey5000_le-3.dat ./temp.dat 2001 5000 > mse.dat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1000 MSE6.932338e-09;3.994570e-07
030708e> 1000 MSE9.1272800e-09;5.133564e-06
030707 > 1000 MSE9.12728000e-09;2.535664e-06 (width=0.2)
after030701e> 1000 MSE9.12728000e-09;9.824534e-06(width=0.1)
after030701e> 1000 MSE1.3201376-08;8.946145e-07 (width=0.1)
after030701e> 1000 MSE1.009213e-08;5.891452e-07 (width=0.1)
after030702e> 1000 MSE6.738600e-09;7.154643e-06 noReinitRandom v_thresh0.5
after030629m > 1000 MSE6.72876e-09;2.394590e-06 noReinitRandom v_thresh0.5
before030629m > 1000 MSE5.282576e-09;3.824018e-06 noReinitRandom v_thresh0.9+**
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         030717> 56 MSE1.260689e-08;2.381440e-03 NMSE2.454171e-07;4.635927e-02 N100k40
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        #0:timeseries,1:chaos prepare_data() in my_function.c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      030709e>10 MSE1.459719e-0772.295136e-02 NMSE2.837617e-06;4.461625e-01 NI00 030709e>10 MSE2.148912e-0778.87106e-03 NMSE2.233435e-061.724490e-01 NI00 030709e>10 MSE1.165091e-0778.446779e-03 NMSE2.264977e-06;1.641932e-01 NI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      #number of training data get_data_parms in my_function.c
                                                                                                                              =
0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      #0:timeseries,1:chaos prepare_data() in my_function.c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   > 8 MSE4.173779e-08;3.928764e-03 NMSE8.125056e-07;7.648088e-02N100k40
                                               set data style lines plot [2001:5000] "mse.dat" using 6:3 t & \widetilde{\mathcal{R}} \\ \tilde{\mathcal{R}}\), "mse.dat" using 6:3 t
                                                                                                                                                                                                                                                                                                                                                                      set data style lines
plot [2001:5000] "mse.dat" using 6:1 t "zmse", "mse.dat" using 6:3 t
として比較。
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2000 4000 #number of training data get_data_parms in my_function.c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           in my_plinn.c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             #show training data show_data_parms(train);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            #show training data show_data_parms(train);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    030704m> 100 NNSE3.788421e-03;3.119250e-01(K90NI)
030704m> 100 NNSE4.016951e-03;2.835835e-01(K90N2)
030704m> 100 NNSE3.751651e-03;9.901982e-01(K90N3)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           init_net()
```

#0:timeseries,1:chaos ./data/07train5e4.dat /data/07test.dat can2 25627 25628 25629 25626

#training file
#prediction file
#0:online, 1:batch
#i_times # iterations to execute #d_times #display #n_cells #storing vectors 25630 25631 25632 25633 25634

#width #window width #show training data #show network params #show batch params #v_thresh #n_compare #v ratio 0.5 25639 25637 25642 25638 25641 25643

#execute 25645

#0:timeseries,1:chaos prepare_data() in my_function.c --- 030701e以前の実行例 ---(1)時系列 can2

#number of training data get_data_parms in my_function.conline, 1:batch init_net() in my_plinn.c #0:online, 1:batch in #iterations to execute #display #n_cells storing vectors #training file #channels /data/mackey2200.dat 2001 1000 25658 25659 25660 25661 25655 25657

#n_compare #v_thresh 25662 25663 25664

#width window width
#show training data show_data_parms(train); #v_ratio #width v 25667 25666 25669 25665

#show network params #show batch params 25672 25671

#0:timeseries,1:chaos prepare_data() in my_function.c #number of training data get_data_parms in my_function.c
nline, 1:batch init_net() in my_plinn.c ./data/mackey-glass.dat #training file 2001 #iterations to execute #display #n_cells storing vectors #0:online, 1:batch #n_compare #channels 1000 25684 25685 25686 25687 25688 25688 25693 25694 25690 25692 25691

#show training data show_data_parms(train); window width #v_ratio #width w 25695 25696 25698 25699 25697

ex #execute after030701e> 1000 MSE7.481811e-09;9.824534e-06(width=0.3) #show network params

030704m> 100 NWSE4.031632e-03;8.618851e-01(k90N4) 030704m> 100 NWSE4.291529e-03;1.910695e+00(k90N5) 030704m> 100 NWSE6.118483e-03;1.561021e+00(k50N10)

--- 030702m以前の実行例 ---●関数近似

#prediction file
#0:online, 1:batch //init_net
#i_times # iterations to execute
#1_times # #1.terations #0.cells #storing vectors #0:timeseries,1:chaos #training file #v thresh #n_compare ./data/07train5e4.dat ./data/07test.dat 100 25548
25549
25550
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25553
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25556
25556

#window width #show network params #show training data #show batch params #v_ratio #width 030708>

50 MSE2.636177e-05.4.550214e-01 NMSE2.155668e-04;3.720825e+00 N500 >50 MSE3.66925e-05 SVR NSE1.92884e-05 SVR NSE1.92884e-05 S O MSE3.25098e-05 (width=0.9) >50 MSE3.25098e-05 (width=0.9) 030702m >50 MSE3.669258e-05 遂次CAN2 f07 LM05 MSE4.987910e-05 after030701e> 100 MSE6.853463e-05 コマンドは下 030702m> 030702m 030702m

#0:timeseries,1:chaos #training file ./data/02train5e4.dat ./data/02test.dat Can 2

#prediction file
#0:online, 1:batch
#1.cimes # iterations to execute
#4.cimes # display
#n.cells #storing vectors 100 100 500

#window width #show network params #show training data #show batch params #v_thresh #n_compare #v_ratio #width 25582 25583 25584 25584 225586 25586 25589 25590 25591 25592 25593

030702m> 100 NGEL.428304e-02 030702m> 50 NGEL.417297e-02 after203052e> 100 NGEL.311776e-02; alpha=0.02*(1.-GlobalTime/GlobalTimeMax);// after2030622e> 100 NGEL.33652e-02 before030622e> 100 NGEL.335628e-02 Cf.bestSVR MSEI.4996e-02 =0.014996 onlinecANZ MSEI.990468e-02.0.01990468 030709e> 50 MSEI.38845e-02; 不安定 030708e> 50 MSEI.32553e-02; 不安定 25594

#execute

#0:timeseries,1:chaos prepare_data() in my_function.c ●時系列 can2 25595 25595 25596 25597 25599 25600 25601 25602

#0:online, 1:batch init_net() in my_flunction.c #display #n_cells storing vectors #n_compare #v_thresh #iterations to execute #training file #channels /data/a.dat 2001 100 25609 25610 25611 25612 25613 25614 25615 25616 25619 25619 25604 25605 25605 25606 25607

|show training data show_data_parms(train); window width #v_ratio #width

#show network params

ex #execute 030704m> 100 NMSE3.788421e-03;3.119250e-01(k90N1)

25743

```
prepare_data() in my_function.c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              prepare_data() in my_function.c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ss.dat #training file #number of training data get_data_parms()in my_function.c
                                                                                                                                                                                                                                       #number of training data get_data_parms()in my_function.c
nnline, 1:batch init_net() in my_plinn.c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           (1)../can2b_030628mikpretty good .
(2)wの次元をn_channels にした。→../can2b_030628n 結果が違うのはなぜ????
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (1) MAみ込み関数rand()を使うと、異なる計算機で異なる結果がでる可能性があるので myrandom()も導入した。ただしLinuxなら同じ結果になるようだ。-/share/random.h の #define MyrAnDoM を生かして(殺して)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    in my_plinn.c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            #prediction file
#0:online, ilbatch
#1.times # iterations to execute
#0.times #display
#n_cells #storing vectors
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 #show training data show_data_parms(train);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               #show training data show_data_parms(train);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    init_net()
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        > 1000 MSE5.282576e-09;3.824018e-06 noReinitRandom
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              #window width
                                                                                                                                                             #0:timeseries,1:chaos
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           #0:timeseries,1:chaos
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               #0:timeseries,1:chaos
#show network params
#show batch params
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        #show network params
#show batch params
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       #show training data
                                                                                                                                                                                                                                                                                           #iterations to execute
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    #training file
                                                                                                                                                                                                                 #training file
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              030625e (sh backup.sh ../can2b_030625e)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             #iterations to execute
                                                                                                                                                                                                                                                                                                                                                #n_cells storing vectors
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              #n_cells storing vectors
                                                                                > 100 MSE6.402973e-05 noReinitRandom
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          #v_thresh
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      > 1000 MSE6.596191e-09;1.085559e-06
> 1000 MSE5.197762e-09;1.649058e-05
> 1000 MSE6.546861e-09;4.543019e-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                        window width
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         > 1000 MSE6.546861e-09;4.543019e-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          window width
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 #show network params
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     #show network params
                                                                                                                                                                                                                                                                  #0:online, 1:batch
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    #0:online, 1:batch
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           #width
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              #show batch params
```

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#prediction file
#0:online, ilbatch
#1.times # iterations to execute
#4.times #display
#n_cells #storing vectors

#0:timeseries,1:chaos

function no.07

> 100 MSE3.772715e-05; > 100 MSE1.651665e-02;

030625

can2

#execute

#training file

./data/02train2e3.dat

./data/02test.dat

100

25876 25877 25878 25878 25879

#window width

#v_thresh

#v_ratio #width

#n_compare

#show training data

#no

#show network params

#execute

25947

ex #execute #U_ratio5.0 > 1000 MSER.23e-081.115e-05 c -1 α (min 59 NGO) T_RIO.0e+00 tau_E8.0e+04 #V_ratio100.0 > 1000 MSER 28e-09;7.67e-05 c -1 α (min 81 NGO) T_RIO.0e+00 tau_E8.0e+04 #V_ratio100.0 > 1000 MSER.23e-0811.15e-05 c-1,α (min59, NGO).7_RIO.0e+00 tau_E8.0e+04 > 960 MSE6.30e-09;3.61e-06 c -1 α (min 82 NGO) T_RIO.0e+00 tau_E8.0e+04 prepare_data() in my_function.c prepare_data() in my_function.c ss.dat #training file
#humber of training data get_data_parms()in my_function.c
online, ibach init_net() in my_plinn.c #number of training data get_data_parms()in my_function.c
online, 1:batch
init_net()
in my_plinn.c #training file
#prediction file
#0:online, 1:batch
#i_times # iterations to execute #show training data show_data_parms(train); #show training data show_data_parms(train); #show training data show_data_parms(train); #d_times #display #n_cells #storing vectors #0:timeseries,1:chaos #width #window width #show training data #0:timeseries,1:chaos #0:timeseries,1:chaos #0:timeseries,1:chaos #show network params #display #n_cells storing vectors #n_compare #v_thresh #training file #iterations to execute #0:online, 1:batch ini #iterations to execute #n_cells storing vectors #v_ratio #width #win #n_compare window width window width window width #show network params #show batch params #show network params #show network params #execute #0:online, 1:batch #v_thresh !!>1000MSE5.44e-09;1.25e-05 #v_ratio #v_ratio (2)function approximation #channels ./data/mackey-glass.dat 2001 #n_compare #channels /data/mackey-glass.dat #display #execute ./data/07trainle4.dat #width #width 1)for time series /data/07test.dat 20.0 030623 1000.0 20.0 100.0 can2 can2 000 can2 1000 2001 100 100 100 Sn gp 20 25980 25984 25985 25986 25987 25987 26025 26026 26026 26027 26028 25952 25953 25954 25955 25955 25957 25958 25958 25960 25961 25961 25963 25964 25965 25966 25967 25967 25969 25972 25973 25974 25975 25981 25982 25991 25992 25993 25994 26016 26018 26019 25950 25976 25978 25983 25989 25971 25990 25995 25996 25997 25977 25979 26021 26023 25951

prepare_data() in my_function.c

#0:timeseries,1:chaos

#training file

#channels

can2

25902 25903 259004 259004 259006 259009 259009 259110 259110 259116 259116 259116 259116 259116 259116 259116 259116 259116 259116 259116 259116

/data/mackey-glass.dat

2001

> 100 MSE6.84e-05;4.55e-01 <nn2=n1*2-n0&% use bidata->m0 myrandom > 100 MSE6.75e-054;15e-01<nn2=n1*2-n0&% use bidata->m0 myrandom > 100 MSE6.75e-05+1.55e-01

#show network params

#execute

#prediction file
#0:online, ilbach
#1_times # iterations to execute
#4_times #display
#n_cells #storing vectors

#0:timeseries,1:chaos

> 100 MSE2.33e-02< > 100 MSE2.35e-02 <.v=n0_ivectors > 100 MSE2.33e-02<<.v=n_ivectors

255882 255883 2558883 2558884 255888 255889 255890 25890 25892

can2

#training file

./data/07train5e4.dat

./data/07test.dat

100

25901

25894 25895 25896 25897 25898 25899 25899

#window width

#v_thresh

#v_ratio #width

#n_compare

#show training data

#number of training data get_data_parms()in my_function.c
nline, 1:batch init_net() in my_plinn.c

#0:online, 1:batch in the propertions to execute

#n_cells storing vectors

#display

1000 100 100

prepare_data() in my_function.c

#0:timeseries,1:chaos

#training file

0 #channels /data/mackey-glass.dat

25935 25936 25937 25938 25939

(1) new modify_w_batch

can2

#0:online, 1:batch i #iterations to execute

#display
#n_cells storing vectors
#n_compare
#v_thresh

100 100 20 1000.0

1000

2001

#v_ratio

25928 25929 25930 25931 25933 25933

#show training data show_data_parms(train);

#show network params

#execute

#v_ratio

#width

#v thresh

1000.0

25921 25922 25923 25924 25925

#n_compare

#number of training data get_data_parms()in my_function.c
nline, 1:batch init_net()

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execute execute secoute	execute	to execute tors h prepare_data() in my_function.c data_parms()in my_function.c
file in file in file display oring vectors oring data ning data ork params h params h params ies,1:chaos file ibatch iterations to display storing vector	#W.thresh #w.thresh #w.thresh #w.thresh #width #window width #width #window width #show training data #show batch params #show batch params #show batch params #channels file #prediction file #p	#0: timeseries,1: chaos #channes is #retaining file #prediction file #prediction file #0: online, lishath #1times # iterations #0compar # iterations #ncompar # iteration widt # width # window widt # #ncompar # window widt # #ncompar # window widt # #ncompar # iteration data # #ncompar # # iteration # it
/data/02train2e3.dat /data/02test.dat 00 8.8 x x 30622 an2 (data/07train1e4.dat /data/07test.dat	6 6 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	(2) for function approximation (2) for function approximation (2) for function approximation (3) data/O7train2e3.dat #tr. (4) for function approximation (5) #10 (1)
20000000000000000000000000000000000000	226055 266055 266055 266050 266050 266050 266050 266050 266050 266070 26	2000883 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5

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in my_function	in my_function in my_function	in my_function in my_function.	in my_function. in my_function	in my_plinn.c	in my_plinn.c in none in sim.c
26111 1 #0:online, 1:batch init_net() in my_plinn.c 26112 1000 #display secute 26113 100 #display secute 26115 20 #m_cenls storing vectors 26115 20 #m_cenls storing vectors 26115 20 #v.ratio 26117 5.0 #width window width 26119 sr #show training data show_data_parms(train); 2612 sh #show network params 2612 sh #show batch params 2612 sh #secute 2612 sh #secute 2612 sh #show batch params 2613 sh #s	1000 ./chaos/mackey-glass.dat # #(2) init_time_data(fid, ficheor) #(3) get_data_parms(&n_chaos)	2001 #n_train 20 #n_channels #(4) train =init_data(tdata->x, T #(5) test =init_data(tdata->x, T	<pre>26135 #(6) pred =init_data(tdata->x, PRED, fid, n_channels, train_steps,total_steps);</pre> 26136 #(7) remove_time_data(tdata);	26137 #(8) net = init_net(&mode, n_channels); 26138 1	26.47 sr 26.14 pr 26.14 pr 26.14 pr 26.15 pr 26.16 pr 26.16 pr 26.16 pr 26.17 pr 26.18 pr 26.18 pr 26.18 pr 26.18 pr 26.19 pr 26.10
~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	กับบุบุกับ	กัญญญกัญ	ָס [ָ] סְּ	[.] ପର୍ଷର ବ୍ୟବର୍ଷ୍ଷ୍	

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scp -r * kuro@terasu.cntl.kyutech.ac.jp://nome/kuro/public_html/sctu/2004/weno/can2b scp can2b.tgr kuro@terasu.cntl.kyutech.ac.jp://nome/kuro/public_html/sctu/2004/weno/
                                                                                                                                                   また, //test_online.sh でオンライン学習での時系列予測を行いますが,
こちらの方はあまりソースをいじっておらず,
まだ未完成ですのでご了承ください.
                                                                                                                   各パラメータは、/test_batch.sh で調整するようになっているのでそちらを変更してください.
予測する時系列は今のところ,Mackey-Glassにしか対応していません.
ソース自体もまだまだやっつけ仕事で書いてますので読みにくいと思いますが,よろしくお願いたします.
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