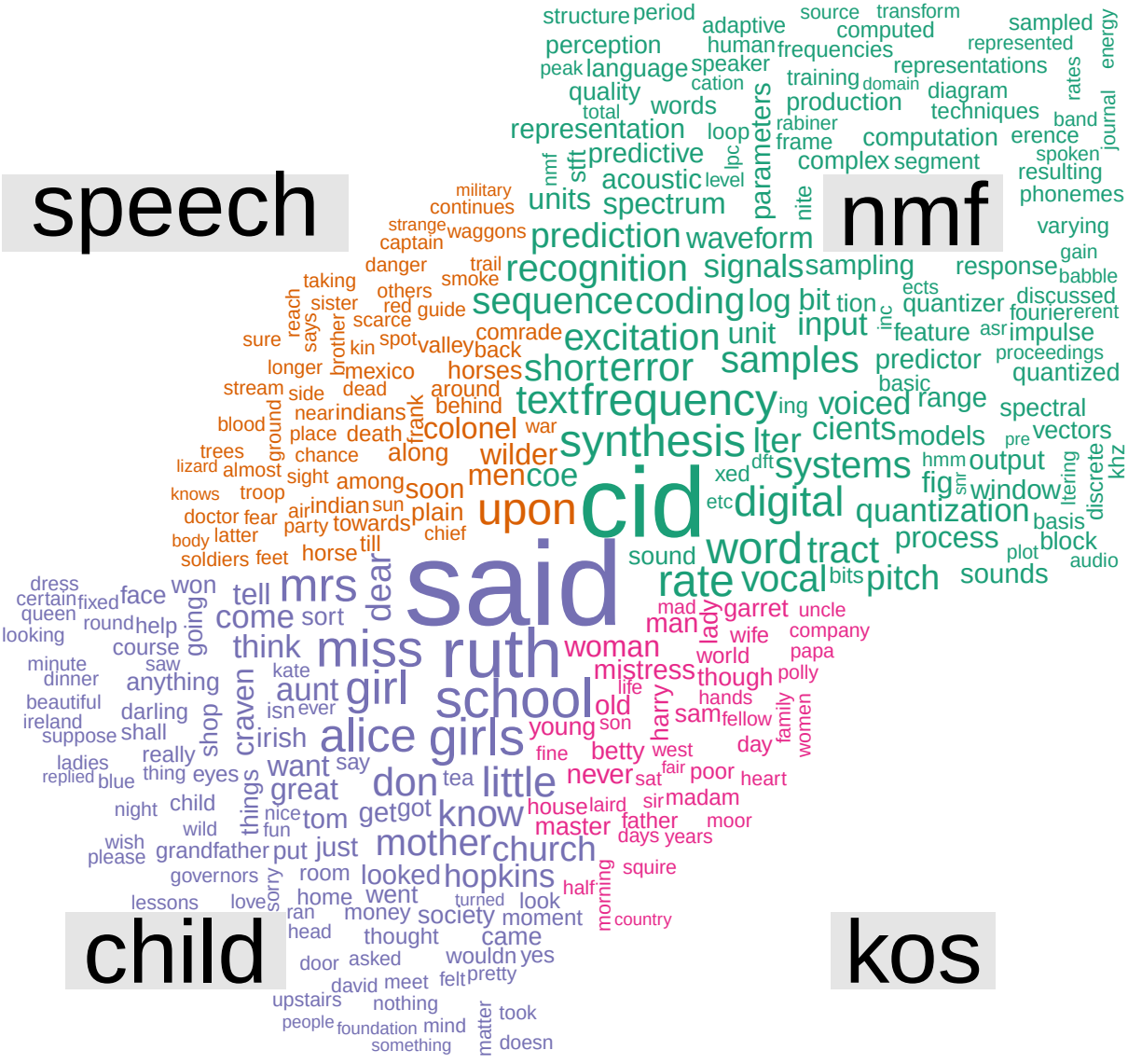
speech
nmf
child
kos
said
cid
ruth
miss
frequency
synthesis
shorterror
recognition
signals
sequence
coding
excitation
samples
predictor
quantization
digital
word
tract
rate
vocal
pitch
sounds
process
block
mrs
girls
alice
school
girl
aunt
craven
little
don
know
mother
church
hopkins
looked
great
want
upon
colonel
wilder
men
coe
soon
text
voiced
range
spectral
vectors
models
cients
systems
output
window
fig
lter
input
bit
log
quantizer
feature
impulse
proceedings
quantized
basis
plot
audio
sampling
response
babble
discussed
fourier
erent
tion
predictive
stft
acoustic
units
spectrum
prediction
waveform
parameters
nmf
complex
segment
computation
erence
spoken
resulting
phonemes
varying
gain
representation
loop
rabinier
frame
production
techniques
diagram
training
domain
quality
words
language
speaker
cation
perception
human
frequencies
computed
adaptive
sampled
represented
energy
rates
journal
band
structure
period
source
transform
peak
total
nmf
lpc
nite
level
military
continues
strange
waggons
captain
danger
trail
smoke
taking
others
red
guide
sister
scarce
reach
says
brother
sure
kin
spot
valley
back
comrade
longer
mexico
horses
stream
side
dead
around
behind
frank
blood
place
death
near
indians
ground
trees
lizard
almost
sight
among
chance
along
knows
troop
air
indian
sun
plain
doctor
fear
party
towards
chief
body
latter
soldiers
feet
horse
till
dear
dress
certain
fixed
face
won
tell
queen
round
help
come
sort
going
looking
course
think
minute
saw
kate
dinner
anything
beautiful
darling
isn
ever
ireland
suppose
shall
shop
irish
ladies
really
replied
blue
thing
eyes
want
say
things
night
child
nice
tom
get
got
wild
fun
wish
please
grandfather
put
just
governors
room
sorry
lessons
love
home
ran
money
society
moment
head
thought
came
door
asked
wouldn
yes
david
meet
felt
pretty
upstairs
nothing
people
foundation
mind
something
matter
took
doesn
morning
country
squire
half
turned
look
sir
madam
house
laird
master
father
moor
days
years
sat
fair
poor
heart
never
fine
betty
west
day
young
son
old
life
harry
sam
fellow
family
women
hands
though
polly
mistress
woman
world
papa
wife
company
man
mad
lady
garret
uncle
sun
tea
fear
soon
sound
tea
etc
dft
xed
hmm
snr
ing
pre
khz
discrete
ltering
audio
bits
tea
fear
sun
tea
fear
sun
tea
fear
sun