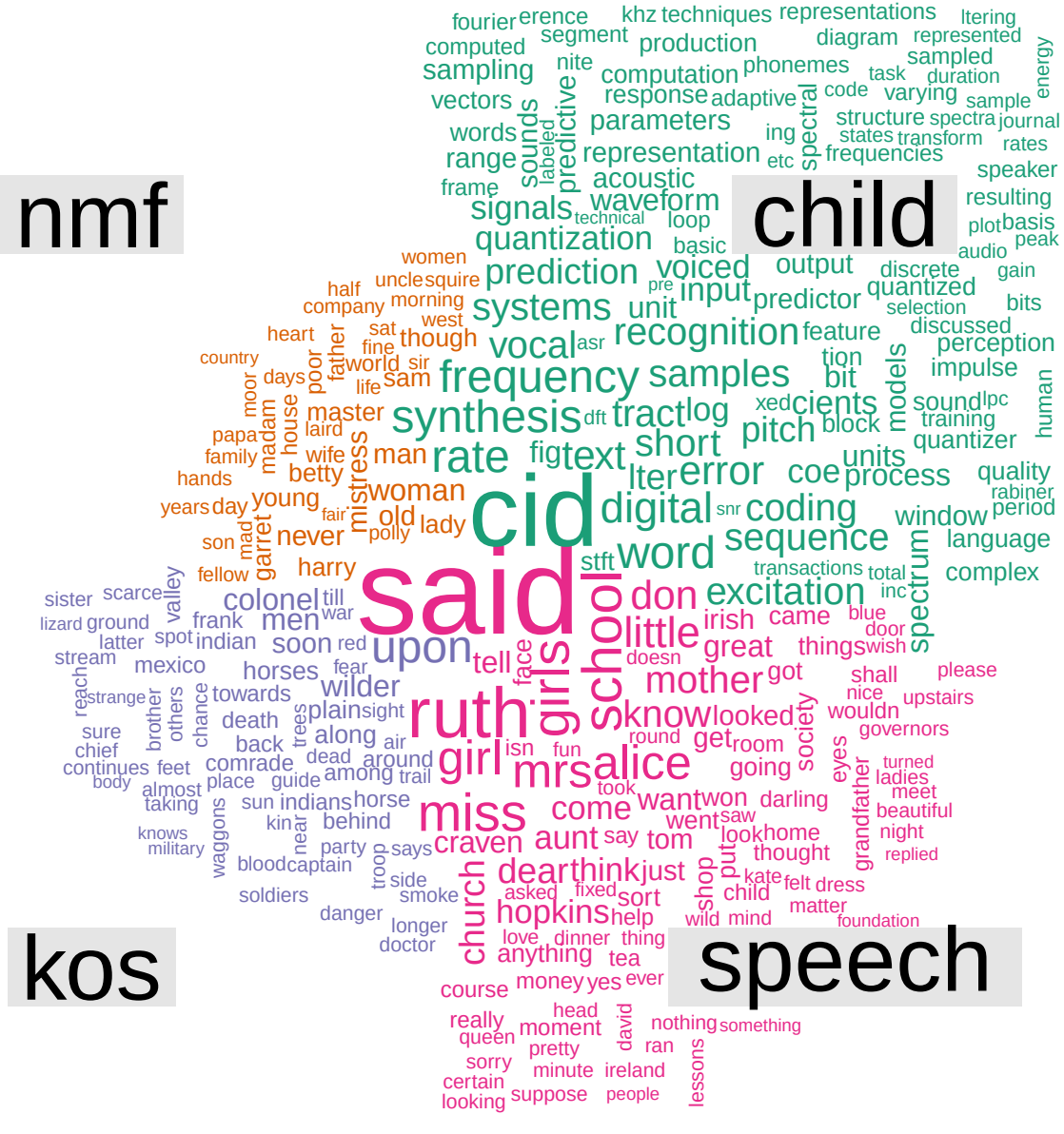
nmf
child
kos
speech
said
cid
ruth
mrs
alice
girl
girls
school
miss
frequency
synthesis
recognition
prediction
quantization
signals
waveform
representation
parameters
computation
production
sampling
vocal
samples
digital
coding
sequence
word
excitation
don
little
great
mother
know
looked
upon
colonel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