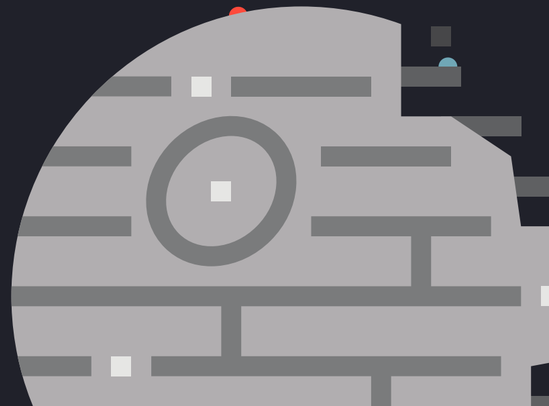
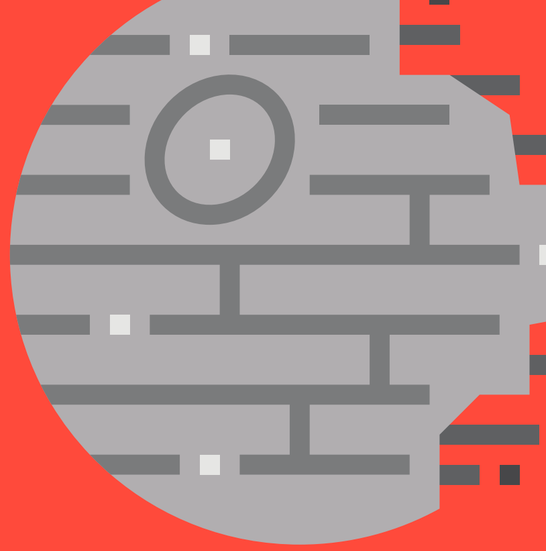
GENERATING STAR WARS DIALOGUE

Samantha Rood





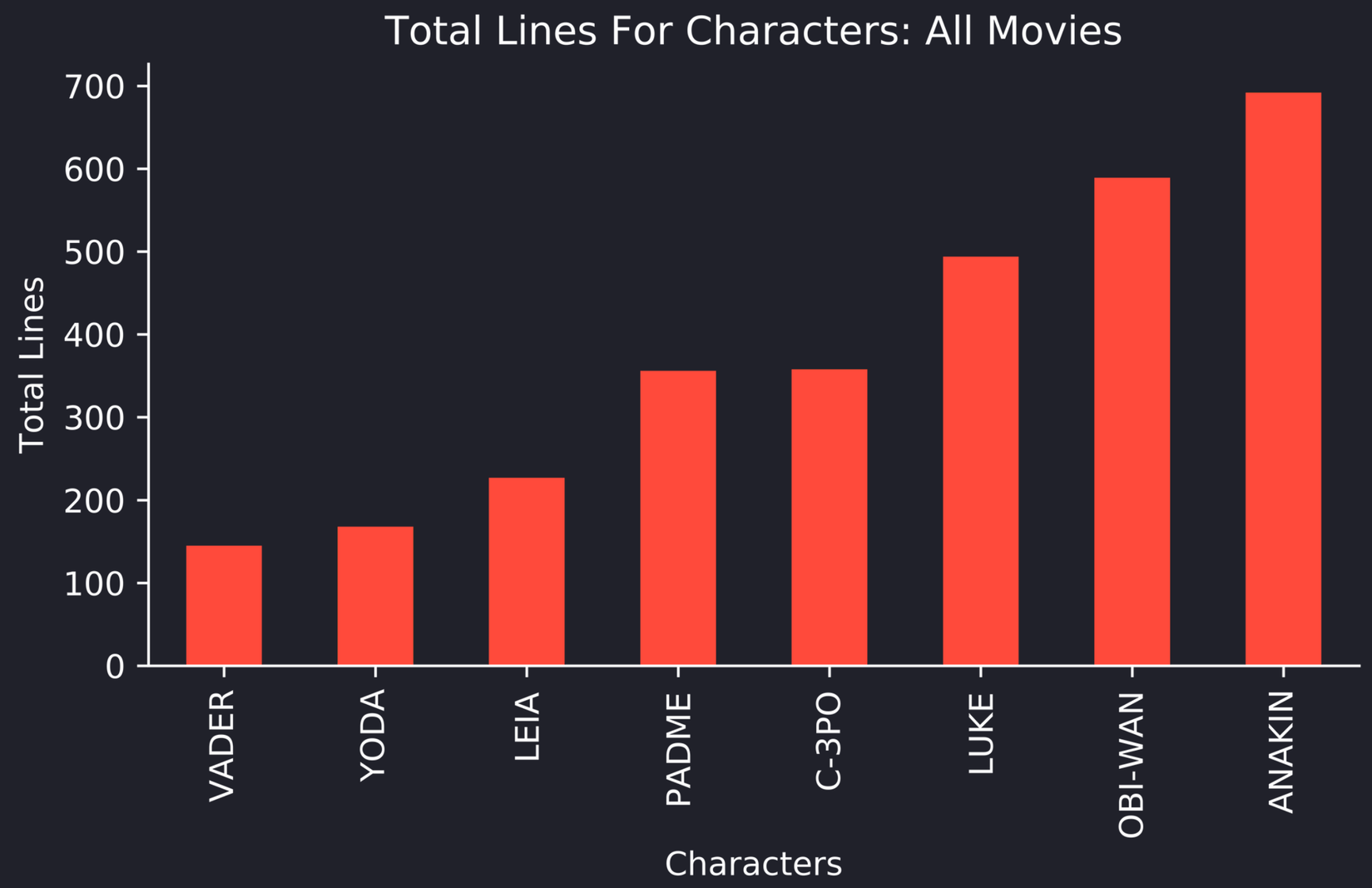
WHY?

USING DIALOGUE FROM STAR WARS MOVIES I-VI
CAN WE GENERATE NEW LINES FOR THE CHARACTERS

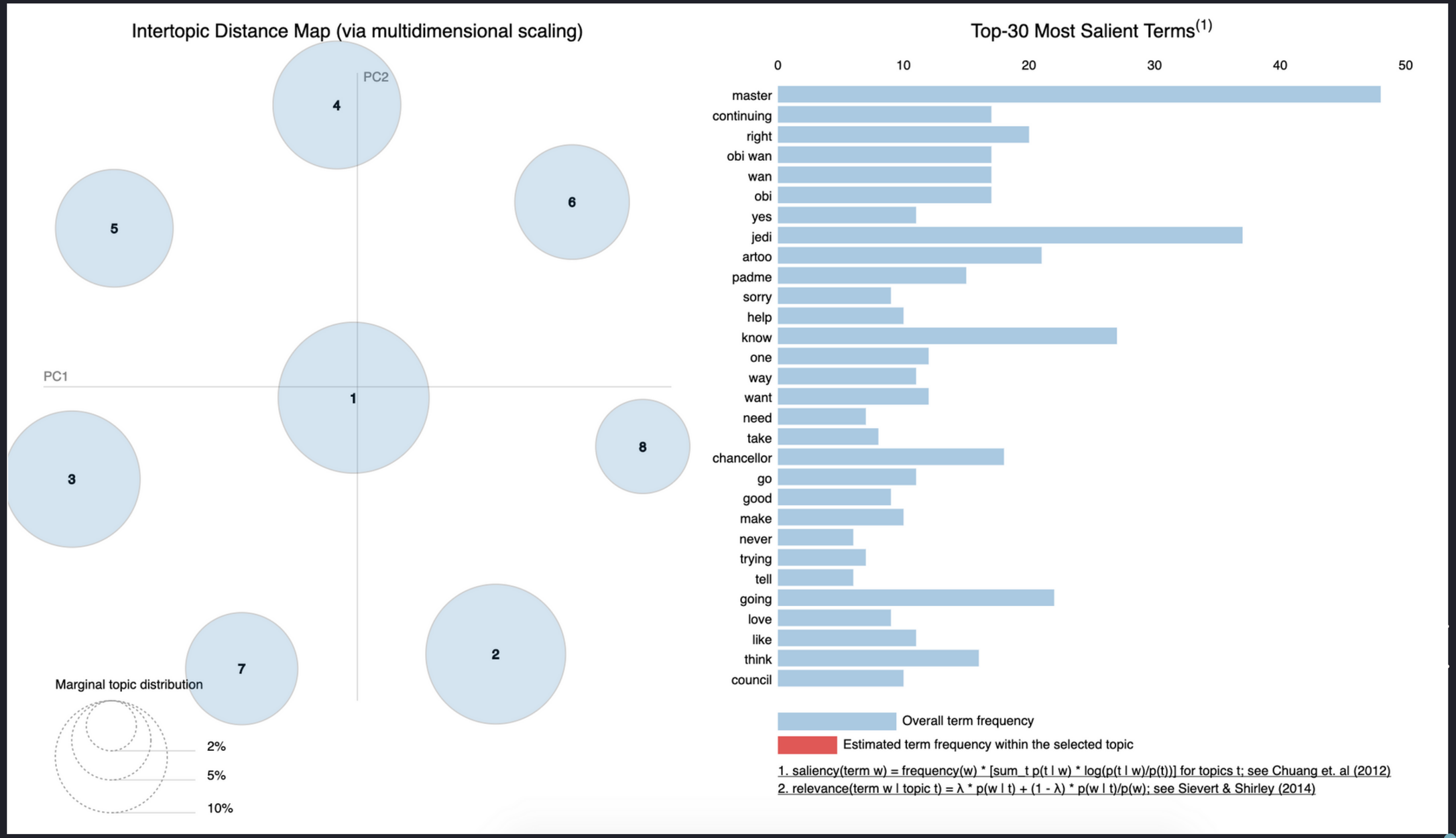
WORKFLOW & TOOLKIT

- OBTAIN AND CLEAN DATA
- TOPIC MODELING
- EVALUATE TOPICS
- BUILD TEXT GENERATOR

ANALYSIS


Total Lines For Characters: All Movies
Total Lines
0
100
200
300
400
500
600
700
VADER
YODA
LEIA
PADME
C-3PO
LUKE
OBI-WAN
ANAKIN
Characters

TOPIC DISTRIBUTION FOR: ANAKIN



STAR WARS WORDS
Obi-Wan
Generate!
Obi-Wan : "Anakin , and we need a new one ."

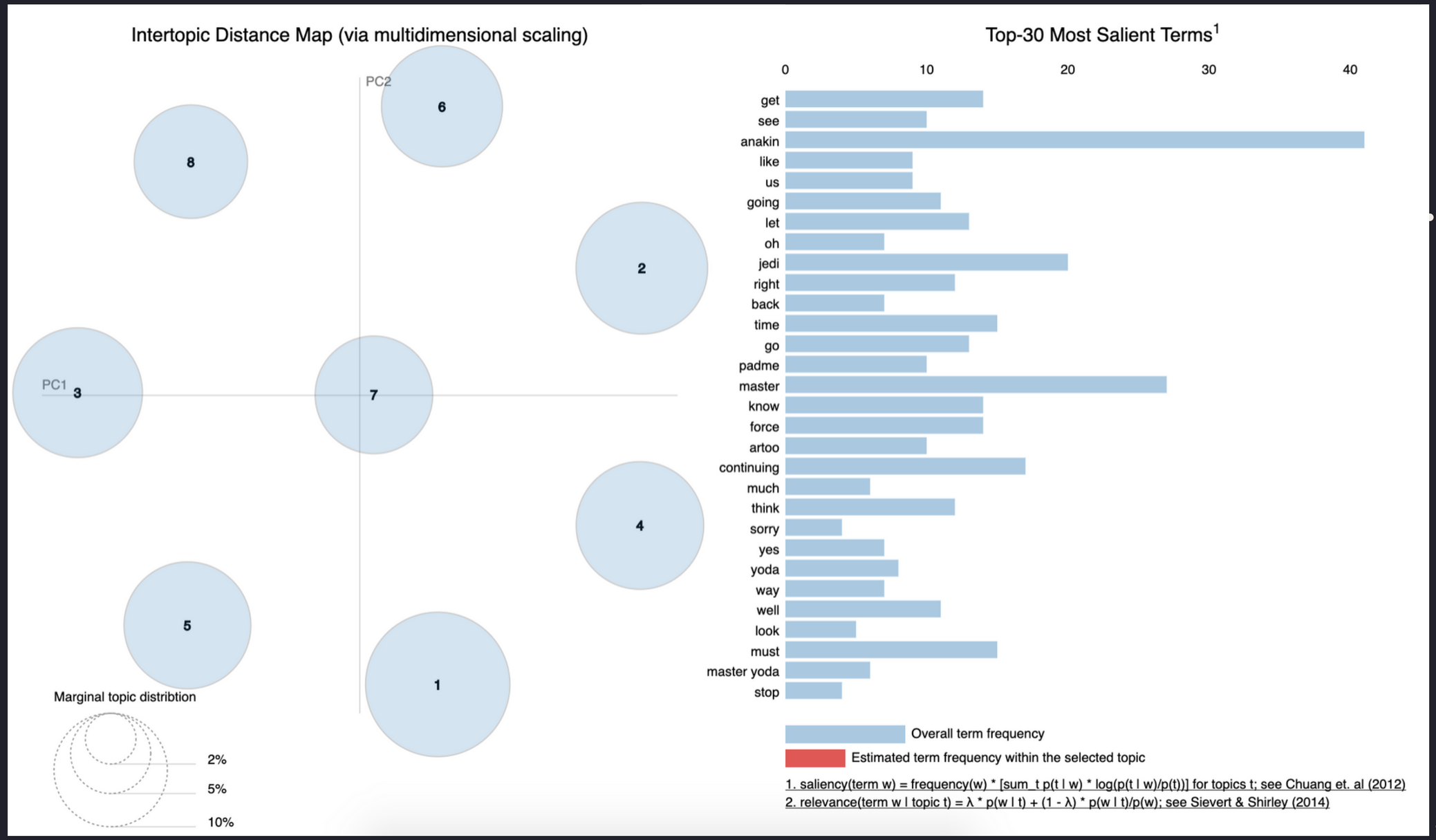
FUTURE WORK

- MAKE TOPICS MORE COHERENT
- FURTHER TRAINING ON NEURAL NET
- EXTEND TOPIC MODELING
- UPDATE STOP WORDS

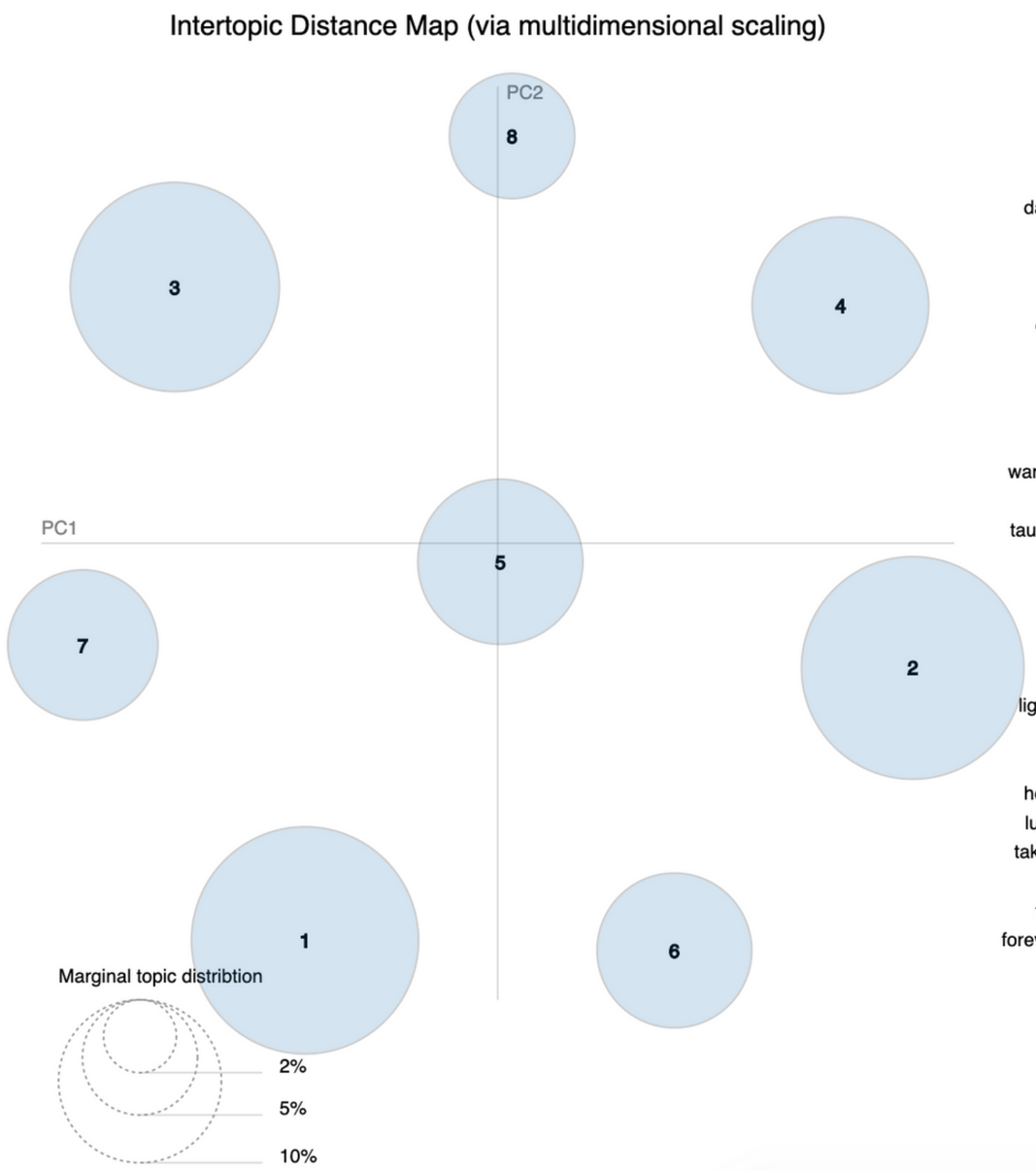
THANK YOU

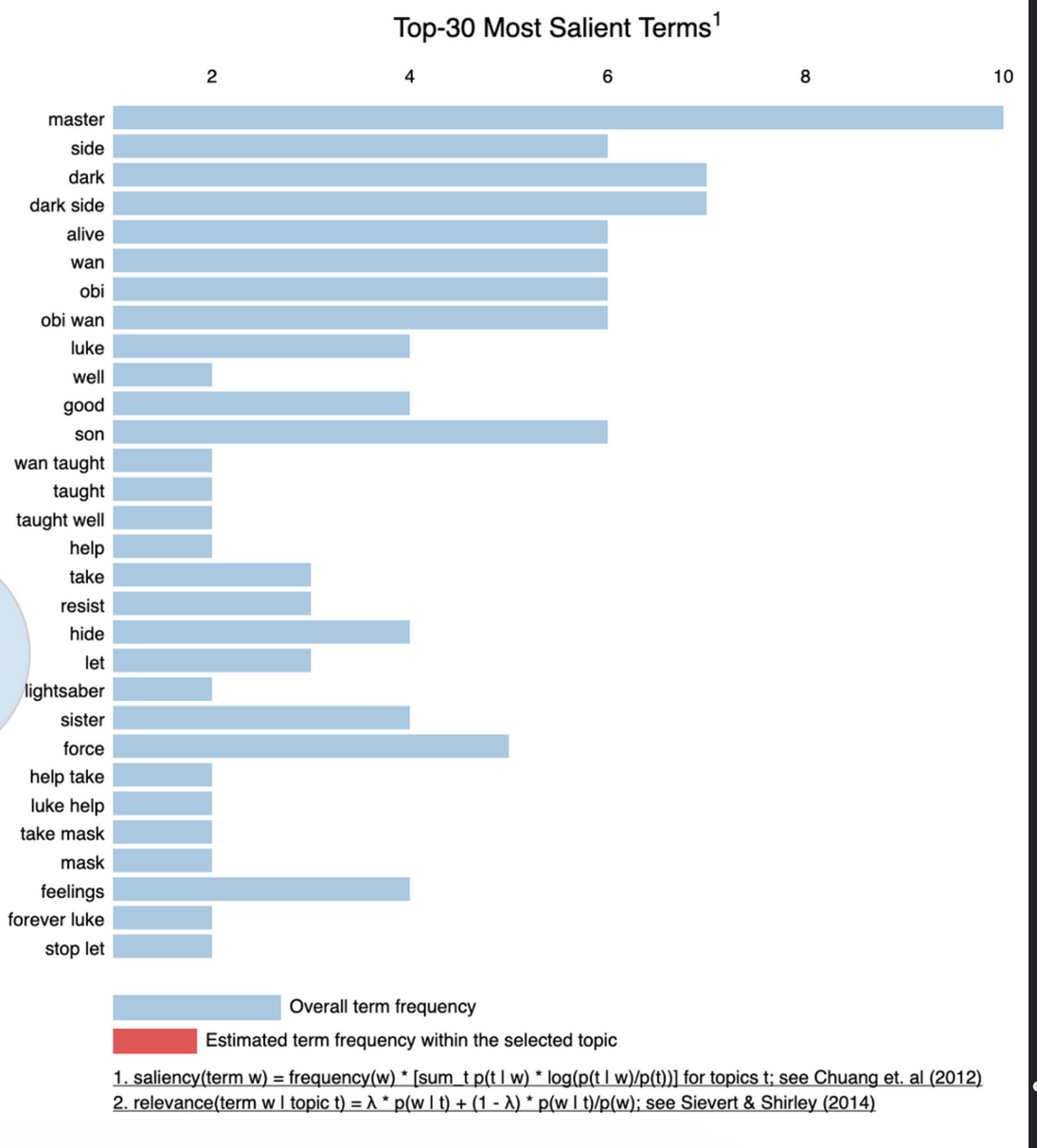
QUESTIONS?

TOPIC DISTRIBUTION FOR: OB1-WAN

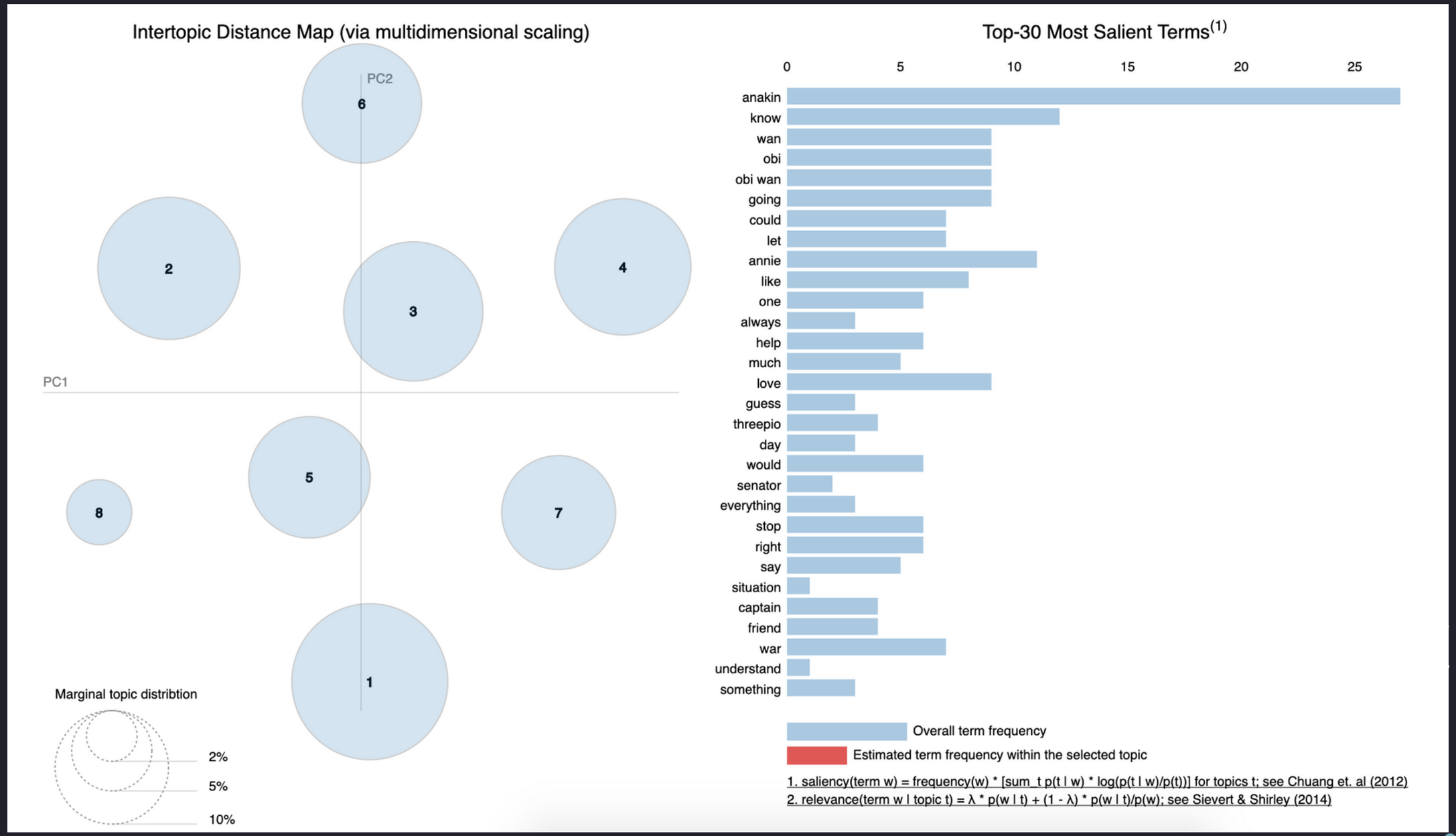


TOPIC DISTRIBUTION FOR: VADER

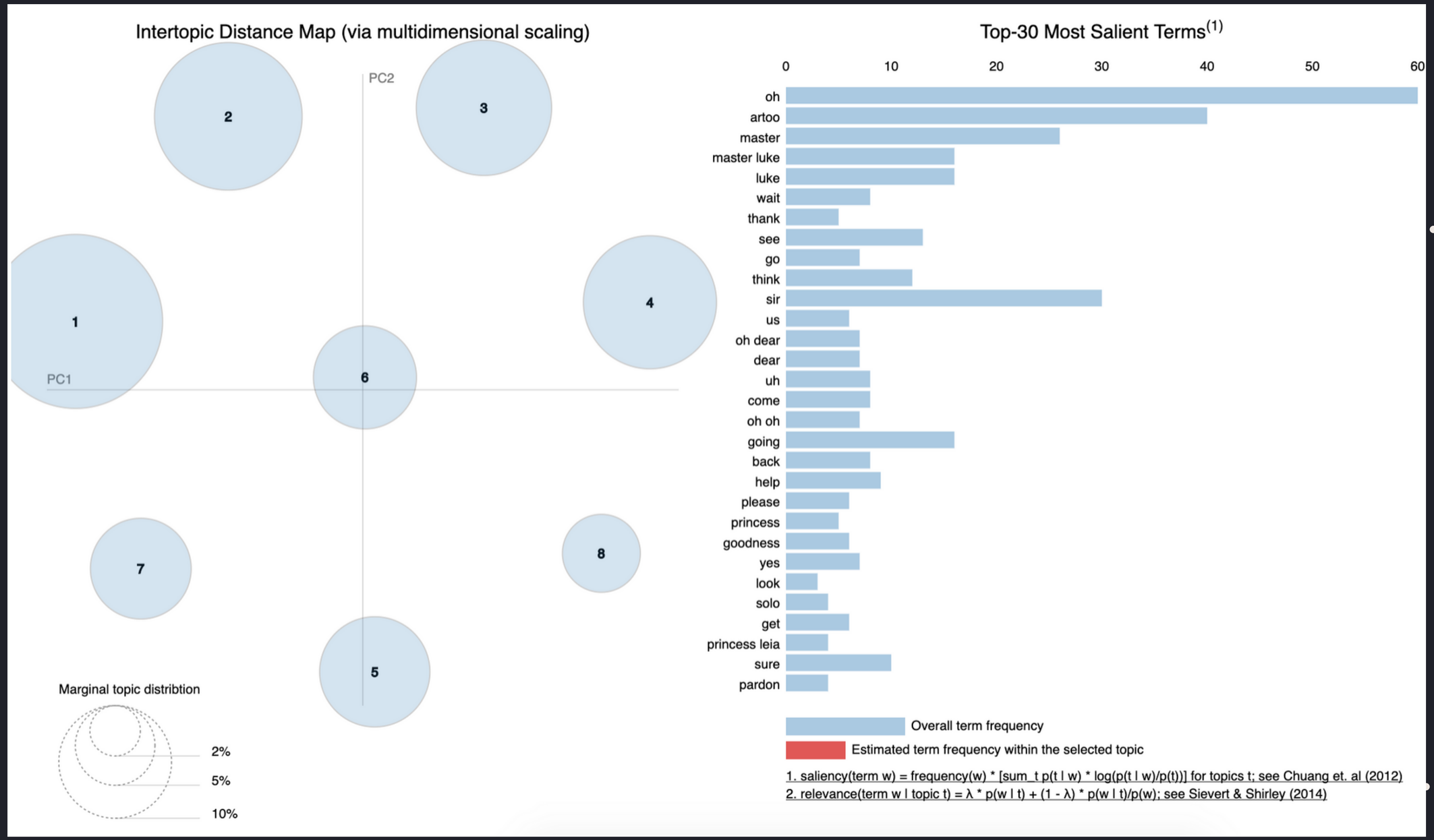




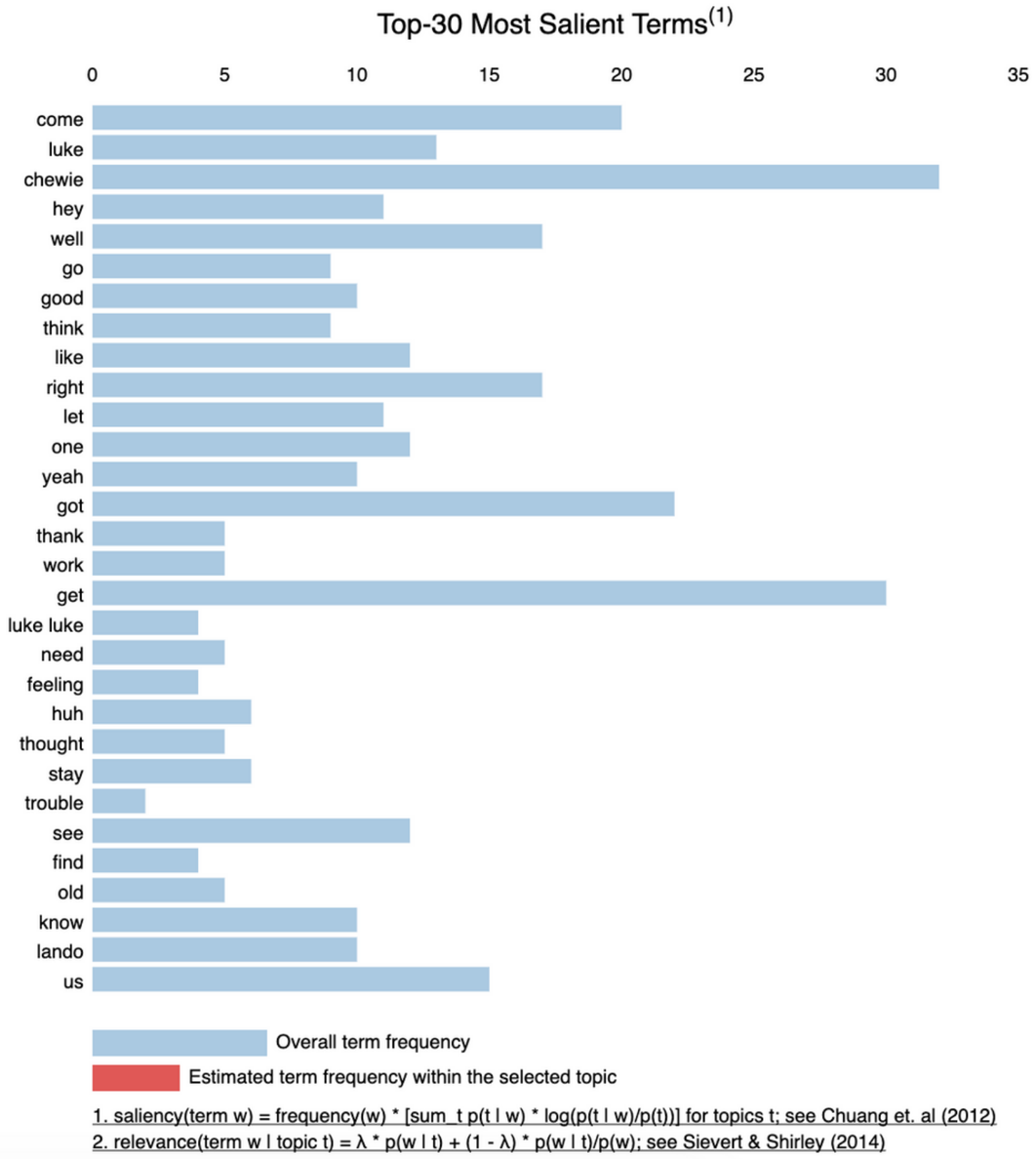
TOPIC DISTRIBUTION FOR: PADME



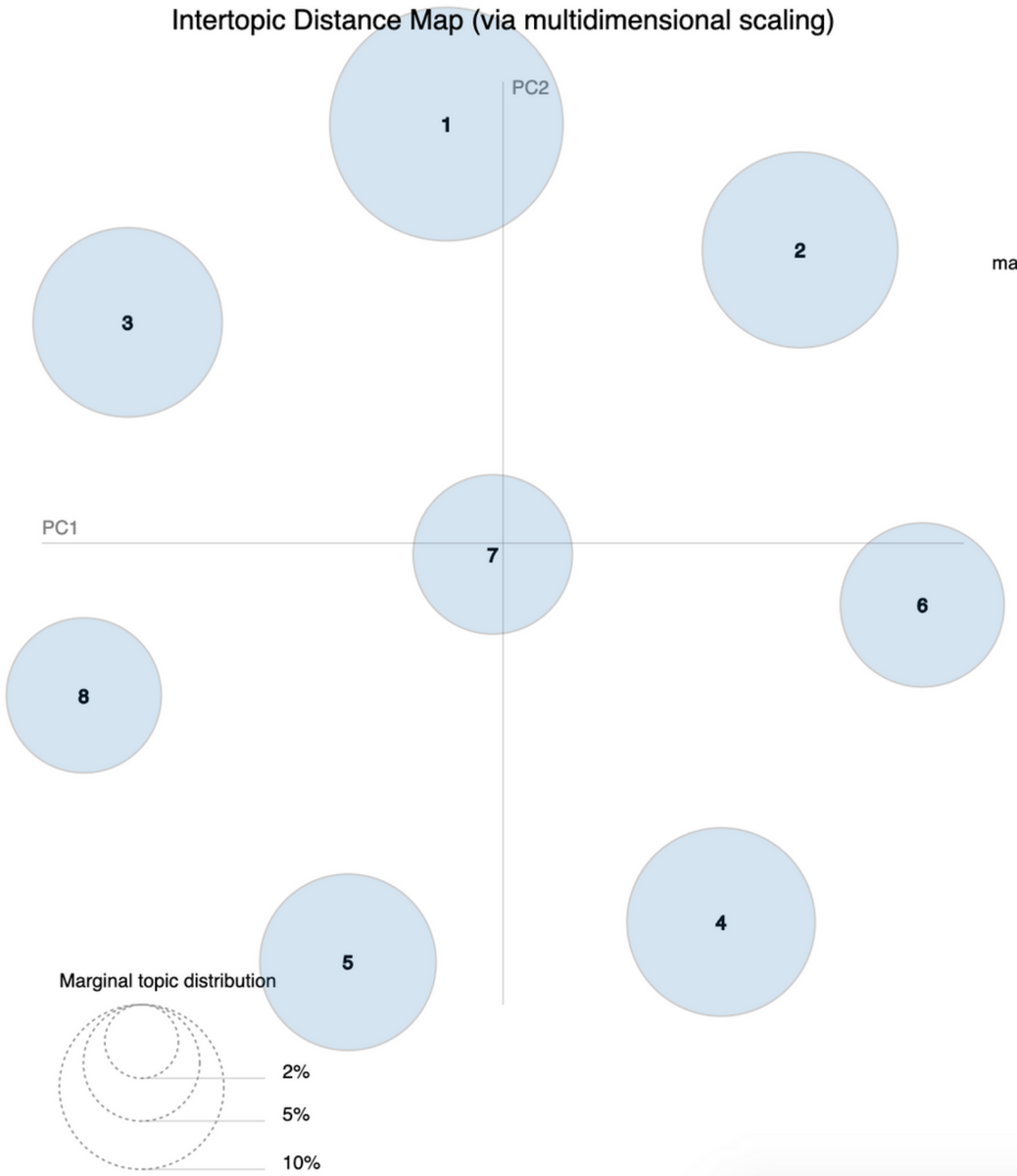
TOPIC DISTRIBUTION FOR: C-3PO

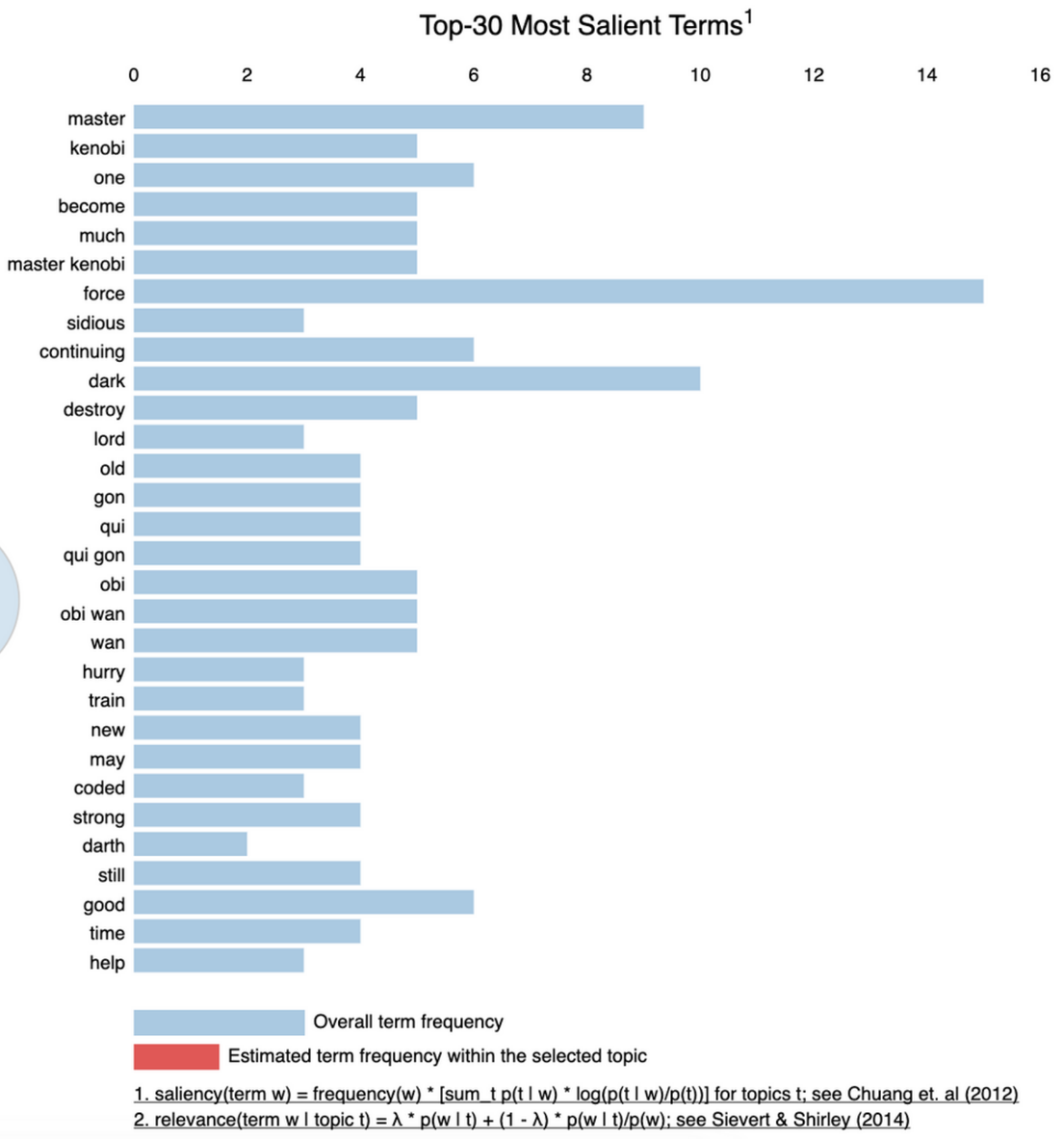


TOPIC DISTRIBUTION FOR: HAN

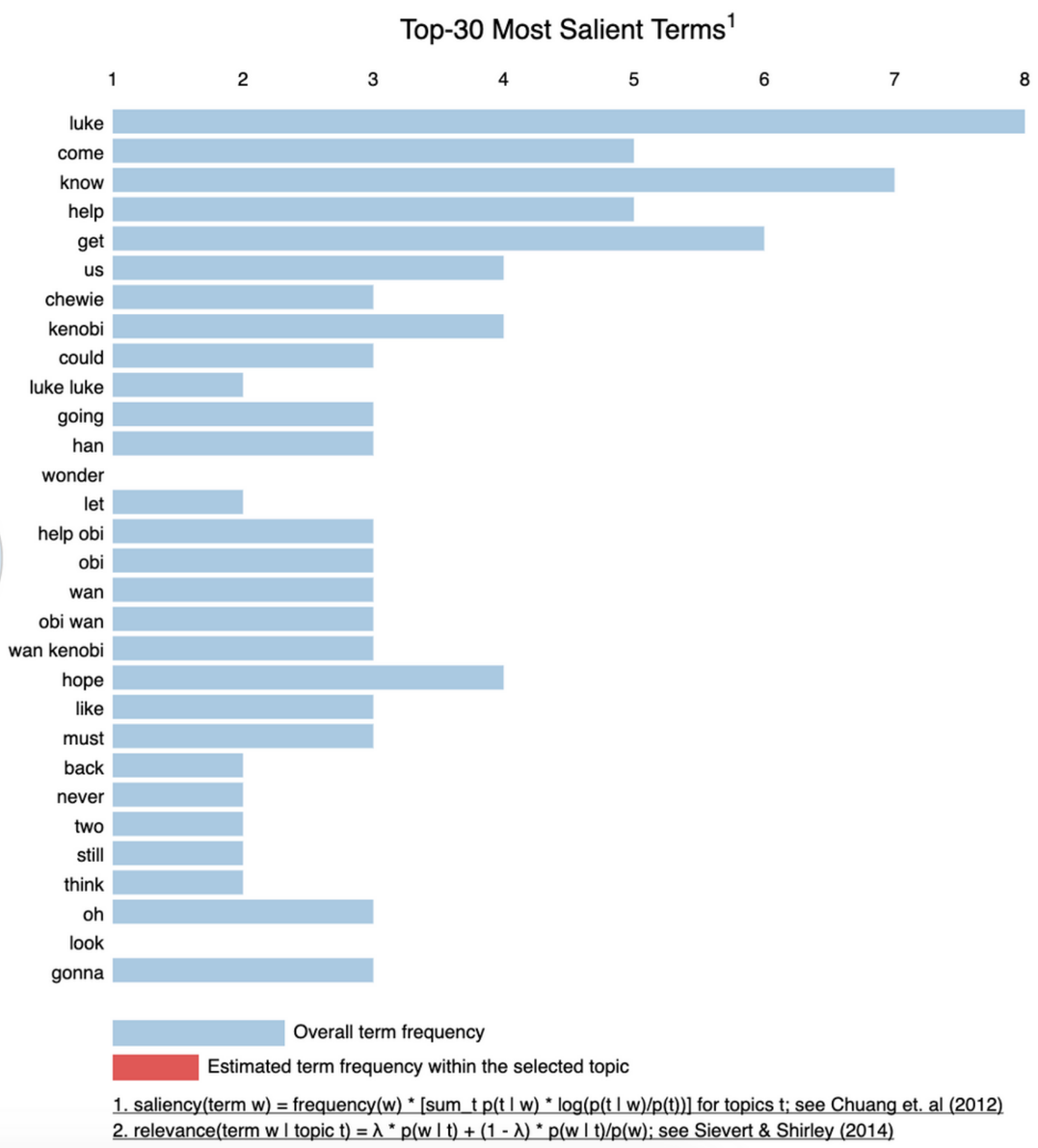


TOPIC DISTRIBUTION FOR: YODA

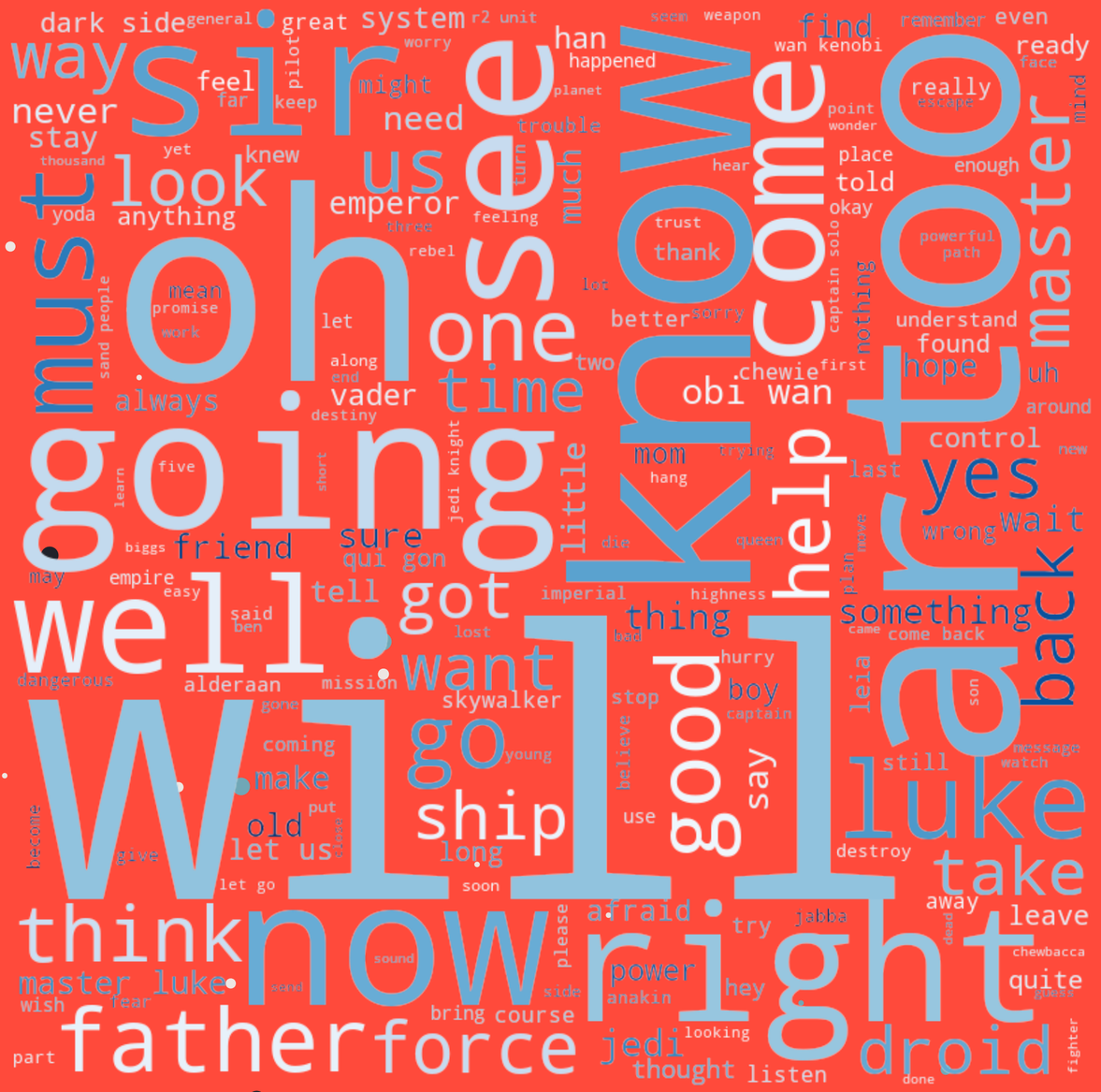




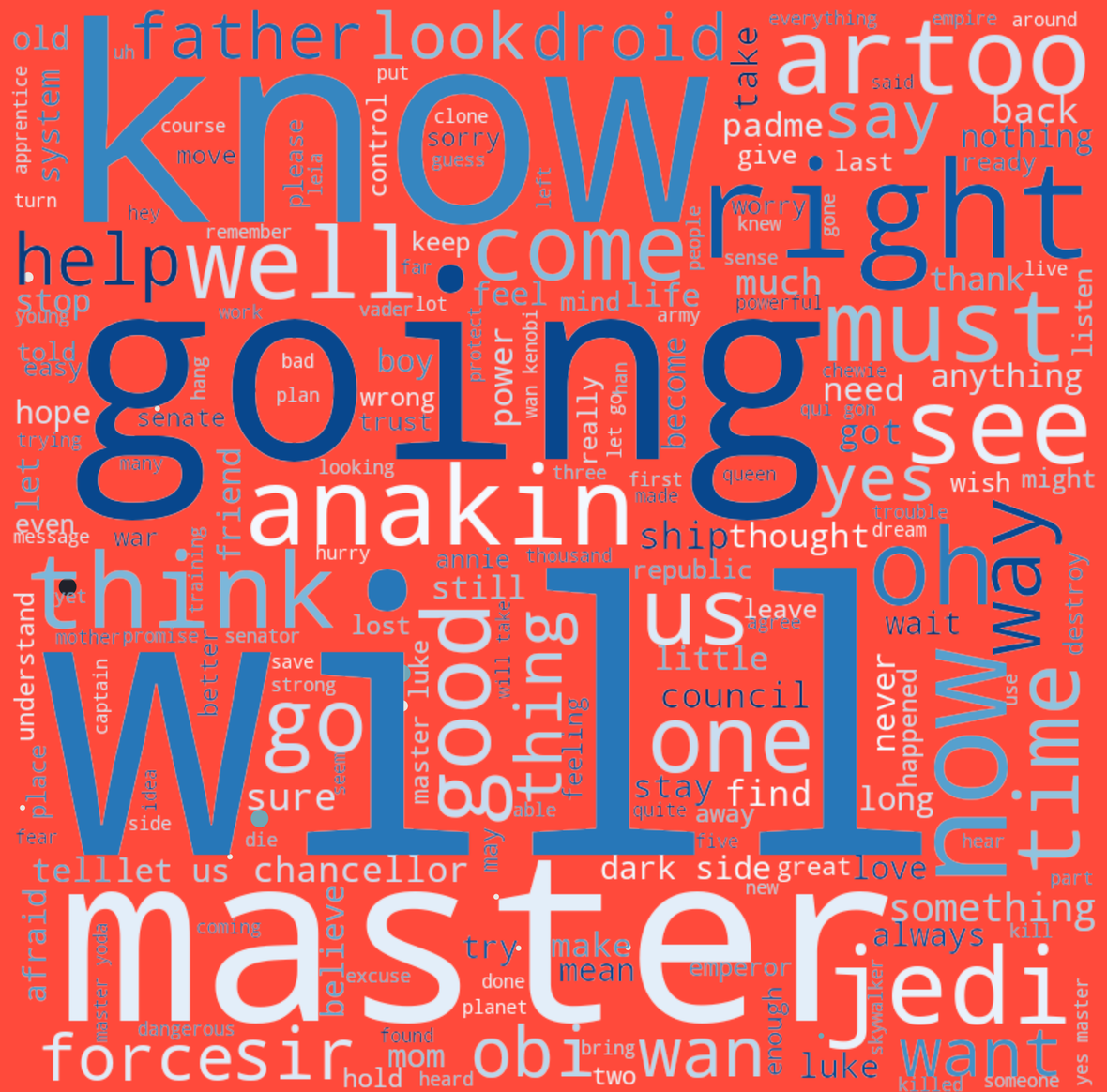
TOPIC DISTRIBUTION FOR: LEIA



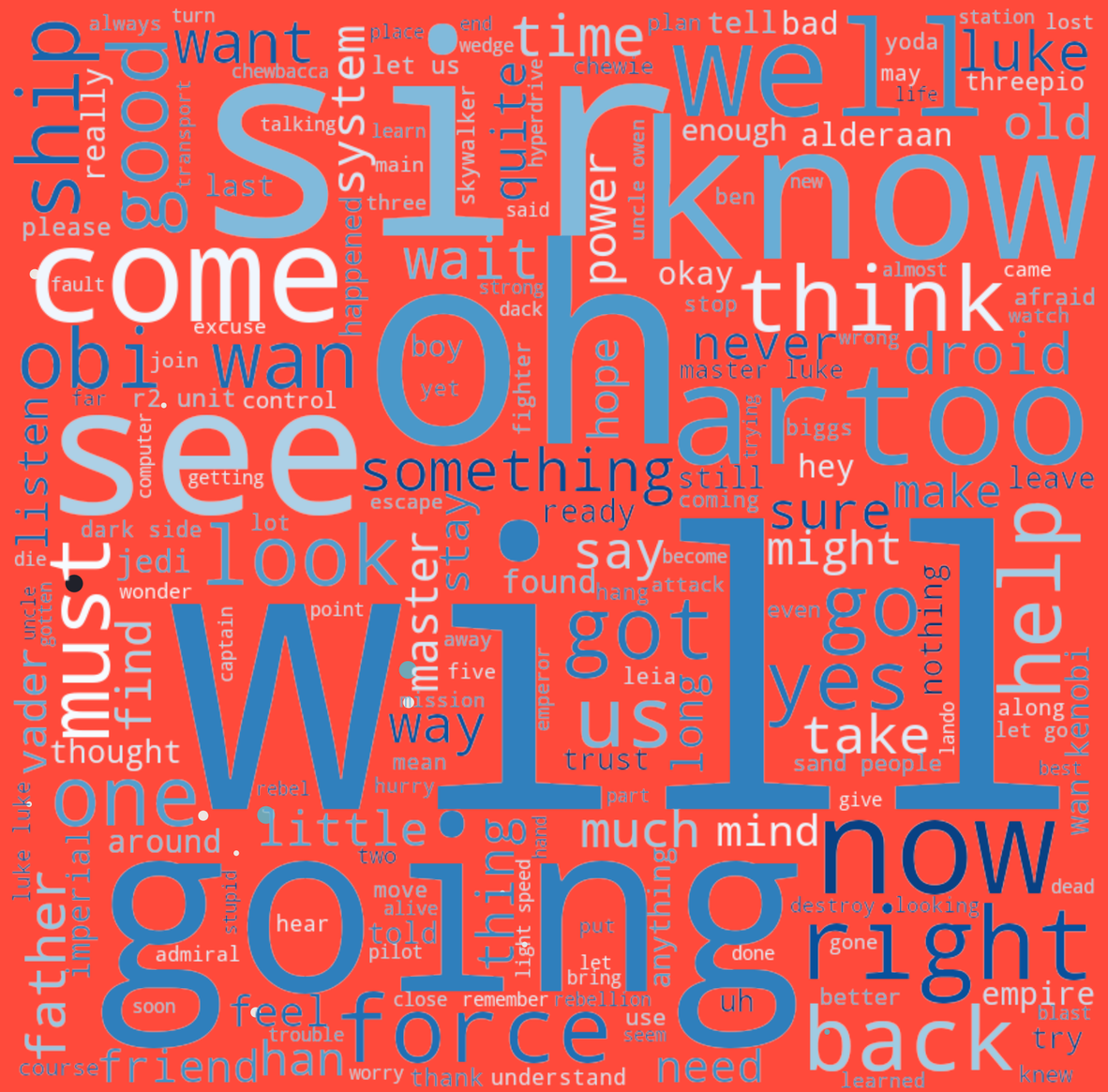
WORD CLOUD FOR EPISODES 1 & 11


will
artoo
know
oh
going
well
right
now
see
sir
come
master
father
force
think
must
look
one
time
yes
luke
droid
ship
go
want
good
help
back
take
jedi
dark side
great
system
way
feel
never
stay
us
emperor
anything
friend
sure
got
tell
thing
something
leave
quite
power
anakin
obi wan
chewie
vader
alderaan
skywalker
mission
imperial
highness
thank
hope
understand
found
control
wait
boy
hurry
listen
thought
bring
course
looking
jabba
chewbacca
master luke
let us
old
make
coming
dangerous
afraid
hey
try
away
soon
long
mom
trouble
feeling
rebel
yoda
knew
mean
promise
work
always
little
destiny
five
biggs
empire
easy
said
ben
qui gon
alderaan
mission
gone
learn
short
jedi knight
sand people
thousand
yet
far
keep
pilot
worry
r2 unit
general
planet
turn
three
hear
point
wonder
place
told
okay
enough
really
escape
face
mind
wan kenobi
find
remember
even
ready
happened
han
seen
weapon
trust
thank
powerful path
lot
sorry
better
two
chewie
first
hang
trying
last
wrong
wait
uh
around
new
dangerous
mission
gone
coming
make
old
let us
long
soon
skywalker
stop
boy
captain
say
good
use
believe
young
put
give
let go
become
please
afraid
power
anakin
hey
bring
course
looking
jabba
thought
listen
try
jedi
destroy
leia
still
son
message
watch
plan
come back
square
highness
imperial
lost
dead
done
fighter
sound
zero
side
part
fear
wish
master luke
chewbacca
quite
away
leave
take
destroy
luke
droid
thing
hurry
boy
captain
say
good
help
back
ship
go
want
skywalker
alderaan
mission
friend
sure
qui gon
empire
easy
said
ben
biggs
may
dangerous
gone
learn
short
jedi knight
sand people
thousand
yet
far
keep
pilot
worry
r2 unit
general
great
system
dark side
way
feel
never
stay
us
emperor
anything
look
must
oh
sir
see
come
know
will
artoo
master
father
force
think
right
now

WORD CLOUD FOR EPISODES III & IV


know
father
lookdroid
artoo
right
help
well
come
going
must
see
anakin
yes
think
will
us
oh
way
good
thing
one
now
time
go
master
jedi
forcesir
obi
wan
want
dark side
chancellor
let us
tell
something
always
make
mean
emperor
luke
council
little
stay
find
long
never
happened
wait
leave
shipthought
republic
still
anything
need
got
thank
much
power
feel
life
mind
boy
wrong
trust
plan
senate
hope
friend
war
training
lost
save
strong
sure
master luke
believe
excuse
done
planet
mom
hold
heard
two
bring
dangerous
coming
afraid
tell
place
idea
side
die
fear
understand
better
captain
motherprom.se
senator
yet
message
even
let
trying
many
hang
easy
told
young
stop
work
vader
lot
bad
far
protect
wan kenobi
really
become
people
sense
powerful
worry
knew
gone
live
listen
army
clone
sorry
guess
control
please
leia
move
course
turn
hey
remember
put
apprentice
system
old
uh
everything
empire
around
said
take
padme
give
last
say
back
nothing
ready
left
three
first
made
queen
trouble
dream
thousand
annie
hurry
looking
chewie
qui gon
need
got
wish
might
destroy
never
happened
use
long
love
great
new
part
kill
killed
someone
yes master
skywalker
enough
luke
emperor
try
make
mean
done
planet
found
bring
two
hold
heard
dangerous
coming
afraid
believe
excuse
master yoda
may
able
quite
five
hear
feeling
seem
idea
side
die
fear
place

WORD CLOUD FOR EPISODES V-VI


will
sir
know
oh
artoo
going
see
come
now
right
force
back
help
look
luke
wan
obi
ship
good
father
must
listen
vader
find
one
little
thing
us
got
go
yes
take
sure
might
make
say
master
system
time
well
wait
think
never
droid
something
hope
power
quite
stay
way
thought
friend
feel
han
need
mind
much
leia
trust
long
sand people
kenobi
nothing
lando
empire
uh
understand
thank
worry
trouble
close
remember
rebellion
use
seem
try
knew
learned
destroy
looking
dead
done
gone
better
blast
move
alive
told
pilot
hear
admiral
soon
course
imperial
luke
stupid
light speed
put
let
bring
anything
hand
two
around
dark side
jedi
wonder
point
mean
hurry
rebel
part
give
away
five
mission
emperor
captain
lot
getting
computer
r2 unit
control
join
excuse
fault
please
last
talking
learn
main
three
said
ben
new
uncle owen
hyperdrive
skywalker
transport
really
chewbacca
chewie
let us
wedge
end
place
always
turn
tell
bad
yoda
may
life
station
lost
threepio
enough
alderaan
old
okay
stop
afraid
watch
came
almost
strong
dack
boy
yet
fighter
hope
master luke
wrong
biggs
trying
hey
still
coming
leave
make
ready
escape
become
attack
hang
found
say
sure
might
even
along
let go
best
lando
nothing
kenobi
wan
dead
destroy
looking
gone
done
better
blast
try
knew
learned
empire
uh
use
seem
need
understand
thank
worry
trouble
close
remember
rebellion
hear
admiral
soon
course
imperial
luke
stupid
light speed
put
let
bring
anything
hand
two
around
dark side
jedi
wonder
point
mean
hurry
rebel
part
give
away
five
mission
emperor
captain
lot
getting
computer
r2 unit
control
join
excuse
fault
please
last
talking
learn
main
three
said
ben
new
uncle owen
hyperdrive
skywalker
transport
really
chewbacca
chewie
let us
wedge
end
place
always
turn
tell
bad
yoda
may
life
station
lost
threepio
enough
alderaan
old
okay
stop
afraid
watch
came
almost
strong
dack
boy
yet
fighter
hope
master luke
wrong
biggs
trying
hey
still
coming
leave
make
ready
escape
become
attack
hang
found
say
sure
might
even
along
let go
best
lando
nothing
kenobi
wan
dead
destroy
looking
gone
done
better
blast
move
alive
told
pilot