

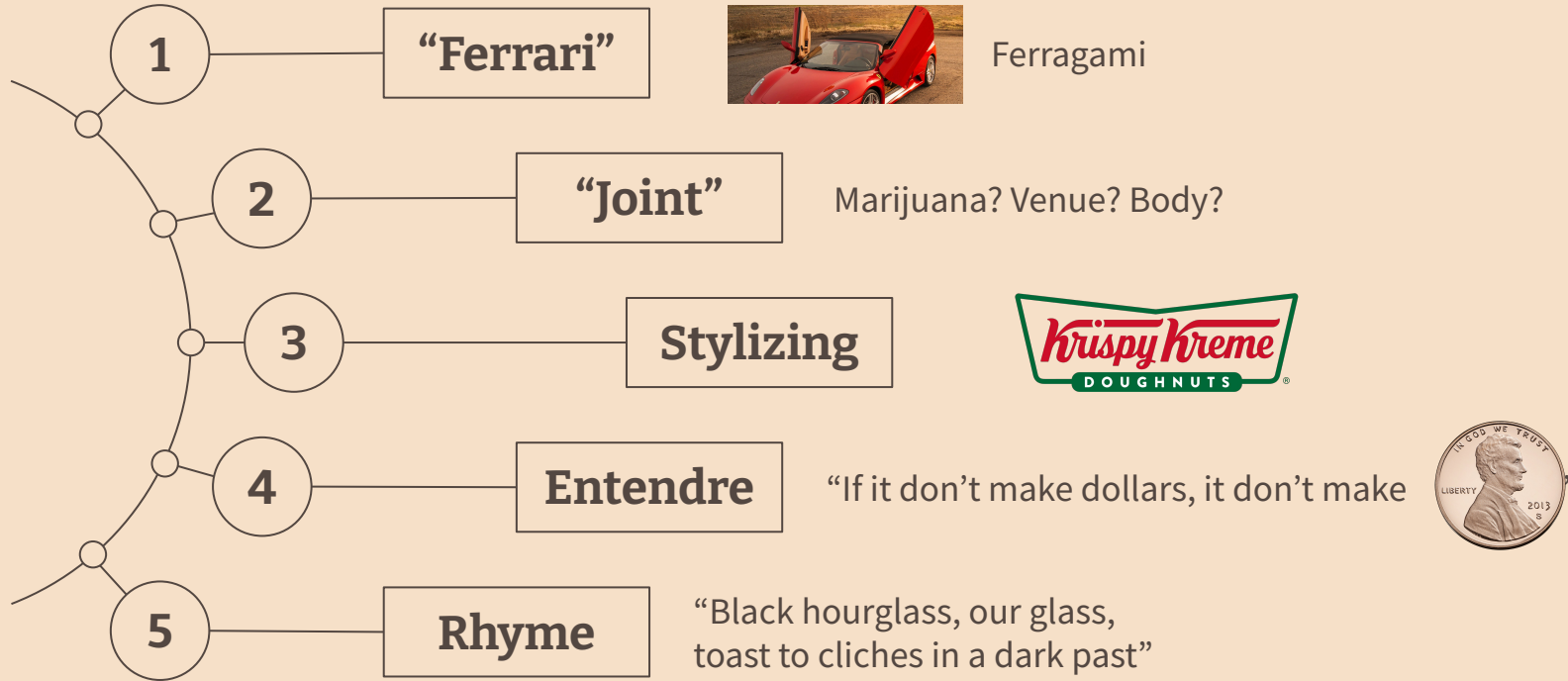
Listening to rap

Nick Kim

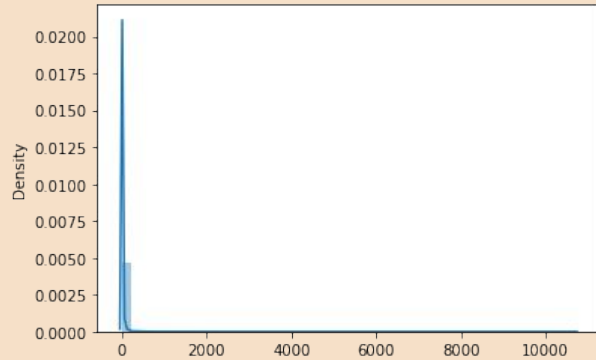
Overview

- Rap places particular emphasis on lyricism
- Main categories of the subgenres
 - Time-based
 - Region-based
 - Underground vs. Mainstream
- Objective is to uncover common and latent topic

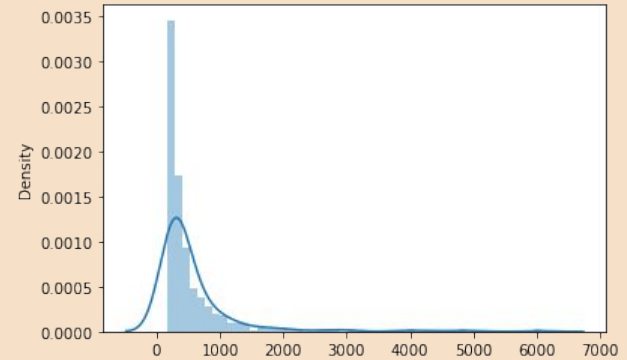
Limitations to Lemmatizations



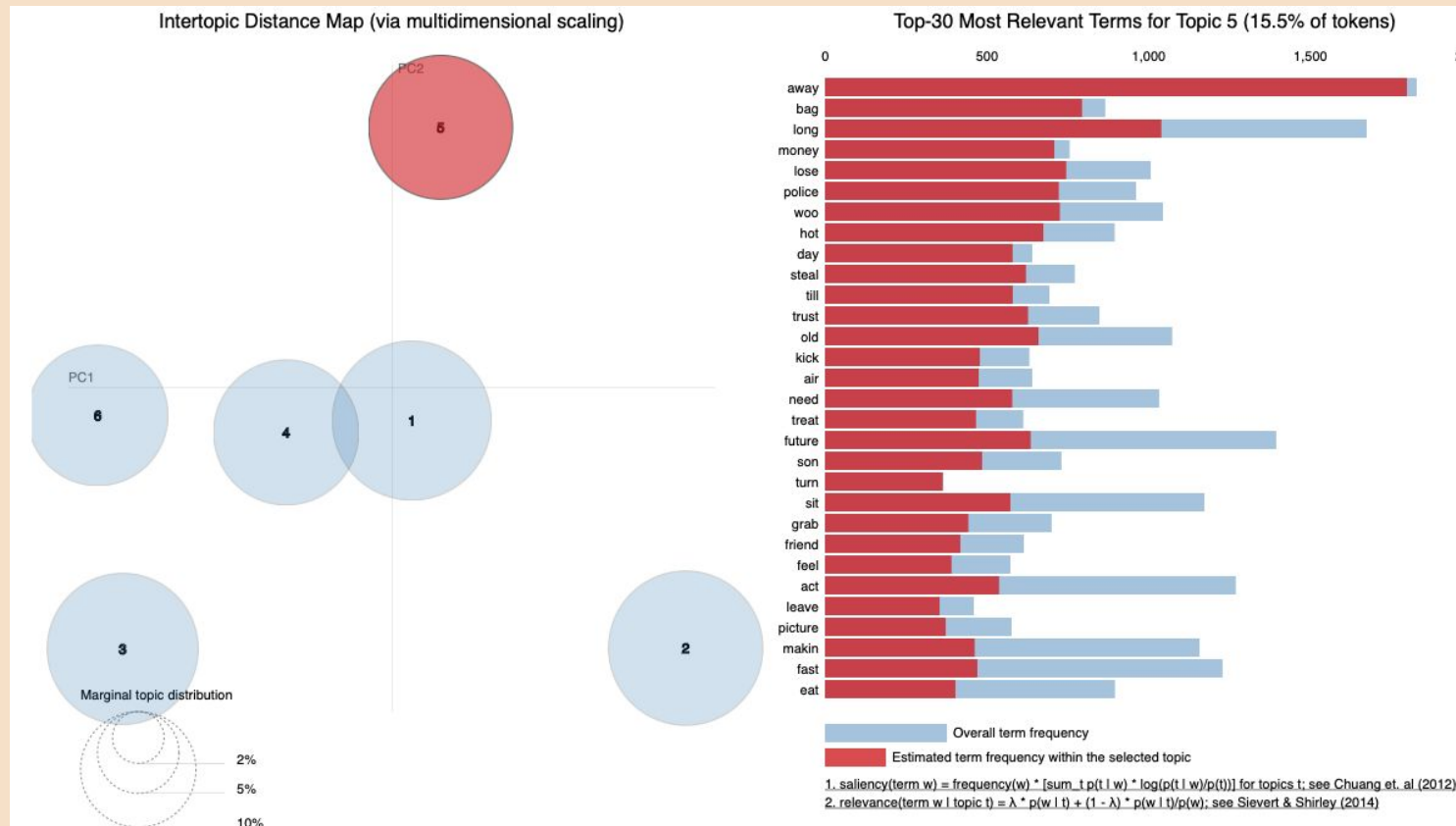
Distribution of the corpus



Max_df
0.05



Very high cardinality
indicated by 81% of the
corpus remaining at



Latent topics - CorEx

Talking about..

s--t, ain't, don't, f--k, bout,
talk, cause, talkin, want

"You ain't got nothin' to talk about"
"Talking about praying, they need to stop"
"You know what I'm talking about"

With a gun

cop, hit, block, rock, love,
yeah, god, car, feel, shoot

"I got a glock that say 'Pac run the block"
"The two weed spots, the two hot glocks"
"Bout to cop a chopper just to shoot a.."

**Care
(or lack thereof)**

know, care, tell, wanna,
really, people, light, man,
just, child

"Did what I wanted, didn't care about a hater"
"If God cared he wouldn't let the pain pursue"
"Multiple baby mamas, take care of your kids"

Latent topics - CorEx

Living forever

life , live, day, time, long,
write, song, a-s, think,
matter

“Wish you could live forever”
“I’mma live forever, cause a legend never die”
“Who said you can’t live forever lied”

Success

make, money, sell, soul,
b---h, drug, year, d--k,
record, million

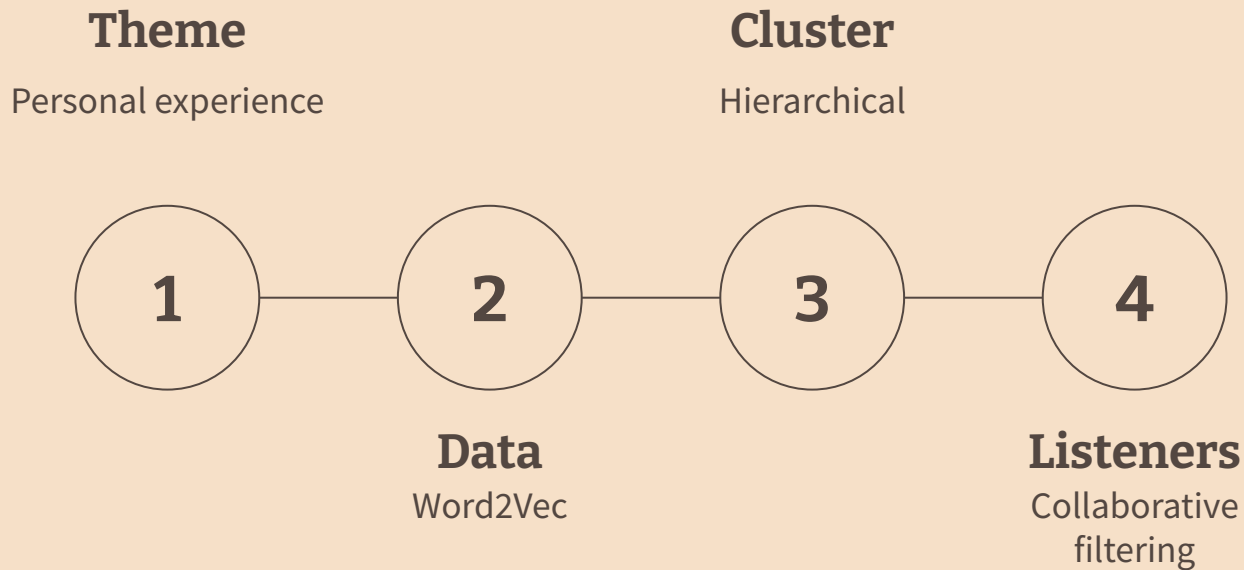
“I sold a million records like a million times”
“I sold more dope than I sold records”
“Rappers sell they soul for bag of that money”

Hustle and waking up

work, throw, peace,
wonder, stay, rest, hard,
big, wake, spit

“Work all week, weekends we play movies”
“Two jobs in the morning and evenings”
“Woke up this morning - got a face tat”

TAKEAWAY



Q&A

Correlation Score - CorEx

