

Annotation Plan Outline

- Annotation task: genres + rhyme scheme in lyrics
- Annotation labels:
 - Genres: Pop, Rock, Hip Hop, R&B, Country, Latin Pop
 - Rhyme scheme: *AABB*, *ABAB* notation (identify rhyme pairs)
- Methods: we will conduct a pilot study: manual annotation for the pilot study + autonomous annotation on 'genres' (using codes), no external tools will be used.
- Annotators: we won't consider Mechanical Turk at this point, annotators will be our teammates; for this milestone, only one member Meiyu will be doing annotation on 10 songs
- Amount of data: see the corpus explanation readme file

Annotation Materials

Initial Annotation Guidelines

In this annotation task, we are trying to identify rhyme schemes in song lyrics from the corpus that we are working on. A rhyme scheme is a way of determining which lines of lyrics rhyme with one another. The pattern we choose allows us to create a flow that feels either stable or unstable. We will use a very basic notation system to mark these up:

- If two (or more) lines rhyme together, we give them the same letter (starting with A)
- If a line doesn't rhyme with any other rhyme we mark it with an X

We can easily notate the rhyme scheme and start recognizing it in the most popular songs from a few decades, there can be many rhyme schemes that we could explore. In this project, we are going to notate the following main four types (and variations):

AABB: if you have a four-line chorus in which lines 1 and 2 rhyme together and lines 3 and 4 rhyme together you have a chorus with an AABB rhyme scheme

ABAB: the first line will rhyme with the third, and the second will rhyme with the fourth.

AAAX: rhyming three lines together and leaving the fourth line unrhymed.

XAXA: if a verse that only has rhymes between lines 2 and 4, and no rhyme between lines 1 and 3

Annotated Examples

Examples 10 songs randomly selected from Billboard Top 100 in the corpus.

Song 1: Come & Go by Juice Wrld and Marshmello

A *"City of stars",*

B *"Are you shining just for me?",*

A *"City of stars",*

B *"There's so much that I can't see",*

"Who knows?",

"I felt it from the first embrace I shared with you",

"That now our dreams may finally come true"

C *"City of stars",*

D *"Just one thing everybody wants",*

C *"There in the bars",*

D *"And through the smokescreen of the crowded restaurants",*

"It's love",

"Yes, all we're looking for is love from someone else"

E *"A rush",*

E *"A glance",*

E *"A touch",*

E *"A dance"*

F *"A look in somebody's eyes",*

F *"To light up the skies",*

G *"To open the world and send it reeling",*

"A voice that says, I'll be here",

H *"And you'll be alright"*

"I don't care if I know",

"Just where I will go",

G *"Cause all that I need's this crazy feeling",*

H *"A rat-tat-tat on my heart"*

"Think I want it to stay"

A *"City of stars",*

X *"Are you shining just for me?",*

A *"City of stars",*

Song 2: The Bones by Maren Morris

"We're in the homestretch of the hard times",

"We took a hard left, but we're alright",

A "Yeah, life sure can try to put love through it, but",

A "We built this right, so nothing's ever gonna move it"

B "When the bones are good, the rest don't matter",

B "Yeah, the paint could peel, the glass could shatter",

C "Let it rain 'cause you and I remain the same",

C "When there ain't a crack in the foundation",

"Baby, I know any storm we're facing",

"Will blow right over while we stay put",

"The house don't fall when the bones are good"

"Call it dumb luck, but baby, you and I",

"Can't even mess it up, though we both try",

"No, it don't always go the way we planned it",

"But the wolves came and went and we're still standing"

B "When the bones are good, the rest don't matter",

B "Yeah, the paint could peel, the glass could shatter",

C "Let it rain 'cause you and I remain the same",

C "When there ain't a crack in the foundation",

"Baby, I know any storm we're facing",

"Will blow right over while we stay put",

D "The house don't fall when the bones are good",

D "When the bones are good"

B "Bones are good, the rest, the rest don't matter (baby, it don't really matter)",

B "Paint could peel, the glass could shatter (oh, the glass, oh, the glass could shatter)",

B "Bones are good, the rest, the rest don't matter (ooh)",

B "Paint could peel, the glass, the glass could shatter (yeah)"

B "When the bones are good, the rest don't matter",

B "Yeah, the paint could peel, the glass could shatter",

C "Let it rain (let it rain, let it rain)",

C "'Cause you and I remain the same (woo)",

"When there ain't a crack in the foundation (woo)",

"Baby, I know any storm we're facing",

"Will blow right over while we stay put",

"The house don't fall when the bones are good"

Song 3: Dance Monkey by Tones and I

A "They say oh my God I see the way you shine",
A "Take your hand, my dear, and place them both in mine",
"You know you stopped me dead while I was passing by",
"And now I beg to see you dance just one more time"

B "Ooh I see you, see you, see you every time",
C "And oh my I, I, I like your style",
C "You, you make me, make me, make me wanna cry",
B "And now I beg to see you dance just one more time"

"So they say",
D "Dance for me, dance for me, dance for me, oh, oh, oh",
"I've never seen anybody do the things you do before",
D "They say move for me, move for me, move for me, ay, ay, ay",
"And when you're done I'll make you do it all again"

"I said oh my God I see you walking by",
"Take my hands, my dear, and look me in my eyes",
"Just like a monkey I've been dancing my whole life",
"But you just beg to see me dance just one more time"

B "Ooh I see you, see you, see you every time",
C "And oh my I, I like your style",
C "You, you make me, make me, make me wanna cry",
B "And now I beg to see you dance just one more time"

"So they say",
D "Dance for me, dance for me, dance for me, oh, oh, oh",
"I've never seen anybody do the things you do before",
D "They say move for me, move for me, move for me, ay, ay, ay",
"And when you're done I'll make you do it all again"

"They say",
D "Dance for me, dance for me, dance for me, oh, oh, oh, oh, oh, oh, oh",
X "I've never seen anybody do the things you do before",
D "They say move for me, move for me, move for me, ay, ay, ay",
X "And when you're done I'll make you do it all again"

Song 4: Watermelon Sugar by Harry Styles

A "Tastes like strawberries on a summer evenin'",
X "And it sounds just like a song",
A "I want more berries and that summer feelin'",
X "It's so wonderful and warm"

B "Breathe me in, breathe me out",
B "I don't know if I could ever go without",
X "I'm just thinking out loud",
B "I don't know if I could ever go without"

C "Watermelon sugar high",
C "Watermelon sugar high",
C "Watermelon sugar high",
C "Watermelon sugar high",
"Watermelon sugar"

A "Strawberries on a summer evenin'",
X "Baby, you're the end of June",
A "I want your belly and that summer feelin'",
X "Getting washed away in you"

B "Breathe me in, breathe me out",
B "I don't know if I could ever go without"

C "Watermelon sugar high",
C "Watermelon sugar high",
C "Watermelon sugar high",
C "Watermelon sugar high",
C "Watermelon sugar high",
C "Watermelon sugar high",
C "Watermelon sugar high",
C "Watermelon sugar high"

"I just wanna taste it, I just wanna taste it",
"Watermelon sugar high"

A "Tastes like strawberries on a summer evenin'",
X "And it sounds just like a song",
A "I want your belly and that summer feelin'",
X "I don't know if I could ever go without"

C "Watermelon sugar high",
C "Watermelon sugar high",
C "Watermelon sugar (sugar) high",
C "Watermelon sugar high (sugar)",
C "Watermelon sugar high",
C "Watermelon sugar high",
C "Watermelon sugar high",
C "Watermelon sugar high"

D "I just wanna taste it, I just wanna taste it",
E "Watermelon sugar high",
D "I just wanna taste it, I just wanna taste it",
E "Watermelon sugar high",

Song 5: Hot Girl Bummer by Blackbear

A "Fuck you, and you, and you",
A "I hate your friends and they hate me too",
"I'm through, I'm through, I'm through",
B "This that hot girl bummer anthem",
B "Turn it up and throw a tantrum"

B "This that hot girl bummer anthem",
B "Turn it up and throw a tantrum",
"This that throw up in your Birkin bag",
"Hook up with someone random",
"This that social awkward suicide",
"That buy your lips and buy your likes",
"I swear she had a man",
"But shit hit different when it's Thursday night"

C "That college dropout music",
C "Everyday leg day, she be too thick",
"And my friends are all annoying",
"But we go dumb, yeah, we go stupid",
"This that 10K on the table",
D "Just so we can be secluded",
D "And the vodka came diluted",
"One more line, I'm superhuman"

"This that hot girl bummer two-step",
"They can't box me in, I'm too left",
"This that drip, it's more like oceans",
E "They can't fit me in a Trojan",
"Out of pocket, but I'm always in my bag",
E "Yeah, that's the slogan",
"This that, \"Who's all there?\"",
"I'm pullin' up wit' a emo chick that's broken"

C "This that college dropout music",
C "Everyday leg day, she be too thick",
"And my friends are all annoying",
"But we go dumb, yeah, we go stupid",
"This that 10K on the table",
D "Just so we can be secluded",
D "And the vodka came diluted",
"One more line, I'm superhuman"

Song 6: Heartless by The Weeknd

"Young Metro, Young Metro, Young Metro, sheesh",
"Uh, ayy",
"Young Metro, Young Metro"

A "Never need a bitch, I'm what a bitch need (bitch need)",

"Tryna find the one that can fix me",

A "I've been dodging death in the six-speed",

"Amphetamine got my stummy feelin' sickly",

"Yeah, I want it all now",

B "I've been runnin' through the pussy, need a dog pound",

B "Hundred models gettin' faded in the compound",

"Tryna love me but they never get a pulse down"

C "(Why?) 'Cause I'm heartless",

C "And I'm back to my ways 'cause I'm heartless",

C "All this money and this pain got me heartless",

C "Low life for life 'cause I'm heartless",

C "Said I'm heartless",

C "Tryna be a better man but I'm heartless",

C "Never be a wedding plan for the heartless",

C "Low life for life 'cause I'm heartless (heartless)"

"Said I'm heartless",

D "So much pussy, it be fallin' out the pocket",

D "Metro Boomin turn this ho into a moshpit",

D "Tesla pill got me flyin' like a cockpit",

"Yeah, I gotta watch it",

E "Call me up, turn that pussy to a faucet",

E "Duffel bags full of drugs and a rocket",

E "Stix drunk but he never miss a target",

F "Photoshoots, I'm a star now (I'm a star)",

F "I'm talking Time, Rolling Stone and Bazaar now (Bazaar)",

X "Sellin' dreams to these girls with they guard down (what?)",

F "Seven years I been swimmin' with the sharks now"

C "(Why?) 'Cause I'm heartless",

C "And I'm back to my ways 'cause I'm heartless",

C "All this money and this pain got me heartless",

C "Low life for life 'cause I'm heartless",

C "Said I'm heartless",

C "Tryna be a better man but I'm heartless",

C "Never be a wedding plan for the heartless",

C "Low life for life 'cause I'm heartless"

Song 7: Toosie Slide by Drake

"Black leather gloves, no sequins",

A "Buckles on the jacket, it's Alyx shit ",

B "Nike crossbody, got a piece in it",

A "Got a dance, but it's really on some street shit",

B "I'ma show you how to get it"

C "It go, right foot up, left foot slide",

C "Left foot up, right foot slide",

C "Basically, I'm saying either way, we 'bout to slide, ayy",

C "Can't let this one slide, ayy"

D "Don't you wanna dance with me? No?",

E "I could dance like Michael Jackson",

E "I could give you thug passion",

"It's a Thriller in the trap where we from",

D "Baby, don't you want to dance with me? No?",

E "I could dance like Michael Jackson",

E "I could give you satisfaction",

B "And you know we out here everyday with it",

B "I'ma show you how to get it"

C "It go, right foot up, left foot slide",

C "Left foot up, right foot slide",

C "Basically, I'm saying either way, we 'bout to slide, ayy",

C "Can't let this one slide, ayy (who's bad?)"

F "Two thousand shorties wanna tie the knot, ayy, yeah",

F "Two hundred shooters on my brother's block, whoa, yeah",

X "Petal off a rose like, I love her her not, maybe not",

G "I don't know what's wrong with me, I can't stop, whoa, yeah",

G "Won't stop, whoa, yeah, never stop",

H "Got so many opps, I be mistakin' opps for other opps",

H "Got so many people that I love out of troubled spots",

I "Other than the family I got, it's either you or me",

I "That's just how I think, it's either you or me",

"This life got too deep for you, baby",

"Two or three of us about to creep where they stayin"

"Black leather gloves, no sequins",

A "Buckles on the jacket, it's Alyx shit",

B "Nike crossbody, got a piece in it",

A "Got a dance, but it's really on some street shit",

B "I'ma show you how to get it"

Song 8: Rain on Me by Lady Gaga and Ariana Grande

"I didn't ask for a free ride",

"I only asked you to show me a real good time",

A "I never asked for the rainfall",

A "At least I showed up, you showed me nothing at all"

B "It's coming down on me",

X "Water like misery",

B "It's coming down on me",

B "I'm ready, rain on me"

C "I'd rather be dry, but at least I'm alive",

D "Rain on me, rain, rain",

D "Rain on me, rain, rain",

C "I'd rather be dry, but at least I'm alive",

D "Rain on me, rain, rain",

D "Rain on me"

D "Rain on me",

X "Mmm, oh yeah, baby",

D "Rain on me"

"Living in a world where no one's innocent",

"Oh, but at least we try",

"Gotta live my truth, not keep it bottled in",

"So I don't lose my mind",

"Baby, yeah"

"I can feel it on my skin",

"It's coming down on me",

"Teardrops on my face",

"Water like misery",

"Let it wash away my sins",

"It's coming down on me",

"Let it wash away"

C "I'd rather be dry, but at least I'm alive",

D "Rain on me, rain, rain",

D "Rain on me, rain, rain",

C "I'd rather be dry, but at least I'm alive",

D "Rain on me, rain, rain",

D "Rain on me"

E "Hands up to the sky",

E "I'll be your galaxy, I'm about to fly",

"Rain on me, tsunami",

E "Hands up to the sky",

E "I'll be your galaxy, I'm about to fly",
"Rain on me"

C "I'd rather be dry, but at least I'm alive",
D "Rain on me, rain, rain",
D "Rain on me, rain, rain",
C "I'd rather be dry, but at least I'm alive",
D "Rain on me, rain, rain",
D "Rain on me"

F "I hear the thunder coming down, won't you rain on me?",
X "Rain on me",
F "I hear the thunder coming down, won't you rain on me?",

Song 9: Emotionally Scarred by Lil Baby

A "A love letter came through the mail, it said, \"I miss you\"",
A "I ripped it up and flushed with the tissue, try to forget you",
"I ain't got nothing against you, we human, we all got issues",
B "But I'm tired of being tired of being tired",
B "That part of me done died",
B "I see it, then I don't, act like I'm blind",
"I'm confident it won't be one of mine",
"I know emotions come with lies, so I tell the truth all the time",
"Ain't got no sympathy for no bitch",
"I admit that I'm rich and I'm lit",
"Jumpin' up on stages, I get two hundred an occasion",
C "Bro had really fucked the game up, we made niggas shut they trap down",
"They see how I made it, I'm the reason they won't rap now",
C "See me out in traffic, make a hater pull his hat down",
"The biggest OG's salute me, a stylist can't even style me",
"The robbers probably wanna get me, I'm hoppin' out Lamborghinis",
D "The youngins turn in my city, they try me, I get it cracking",
D "Some of this still would happen if I never had started rapping",
"My people them still steady trapping and they still be getting active",
"I tell 'em to chill, I'm tryna run up these M's",
"Paid cash and then he post the crib (nah)",
"I can't show nobody where my mama live, that's how I 'posed to feel",
"My niece just asked me were my diamonds real, I said, \"Of course\"",
E "I just played the hand that I was dealt, didn't have to force",
E "All around the world they know it's me, they hear my voice",
"And I done it all in a pair of Diors, yeah"

F "Young age, learned how to get paid (we gon' get the money)",

F "Big stage, long way from Section 8 (ballin' other countries)",

F "Big wave, he gon' have to get saved (big old wave)",

"Ridin' in the foreign, chiefin' on the forest",

"I know I wasn't there for you, at least I said I'm sorry",

"You know what it was, I told you that I was heartless",

G "I'm emotionally scarred, that ain't even your fault",

G "But don't listen to them haters tryna fill your ears with salt"

"All this revenue coming in, I'll probably never spend",

"I just bought my BM a Benz, now that's another Benz",

"I just cut off all of my friends and brought my brothers in",

"I don't see nobody but me, who I'm gon' lose to?",

H "I can't move around without tools, these niggas loose screws",

i "I can see me taking the lead over the new school",

i "They remember me from selling weed at my old school",

H "Only hit it once and now it's old news",

"Blew up, who the fuck would knew? Paint my Trackhawk Nipsey Blue",

"If I get one, you get one too, I really move how bosses move",

J "I never call myself a G.O.A.T., I leave that love to the people",

J "Everybody can't go to the top, I had to leave some people",

"I'ma be forever scheming, woke up, I thought I was dreaming",

"Watched my lil' boy play with toys, I just dropped a tear of joy",

"Some shit that I feel for",

"I been going crazy with that scoring, call me Baby Harden",

"They say I'll be great, I guess I'm waiting for it"

Song 10: One of Them Girls by Lee Brice

A "Are you one of them girls",

B "That peels off the Bud Light label",

B "Just might run a pool table",

B "Roll your eyes if I call you an angel",

A "Ain't you one of them girls",

C "I ask you to dance, you say no",

C "Just to see how far I'll go",

X "Your song comes on and your eyes close",

C "That's when I know, yeah"

D "You got your heart on lockdown",

D "Got a wall I gotta knock down",

E "Kinda wanna do a shot now",

E "Come on, now"

F "And you one of them girls that ain't tryna meet nobody",

F "You're just here for the party",

"If I'm wrong, then stop me, yeah",
"You're one of them girls that ain't handin' out your number",
G "You like to make us want ya",
G "You like to make us wonder",
H "If you're one of them girls",
H "'Cause I'm one of them boys",
"Who'd trade his whole world",
"Yeah"

"For one of them girls",
"Who likes to act all quiet",
I "Sexy, not even tryin'",
I "Yeah, you know I ain't lyin'",
"Damn right, you're one of them girls",
"Broke every heart in your hometown",
"On the day you rode out",
"Got 'em all wishin' on stars"

"Man, have I found one of them girls that ain't tryna meet nobody",
"You're just here for the party",
"If I'm wrong, then stop me, yeah",
"You're one of them girls that ain't handin' out your number",
G "You like to make us want ya",
G "You like to make us wonder",
H "If you're one of them girls",
H "'Cause I'm one of them boys",
"Who'd trade his whole world",
"Yeah"

J "For one of them girls"
J "You're one of them girls",
"I wanna put my lips on",
K "Hold all night long",
K "Write a little love song"

"Man, have I found one of them girls that ain't tryna meet nobody",
"You're just here for the party",
"If I'm wrong, then stop me, yeah",
"You're one of them girls that ain't handin' out your number",
G "You like to make us want ya",
G "You like to make us wonder",
H "If you're one of them girls",
H "'Cause I'm one of them boys",
"His whole world",
"For one of them girls",