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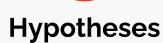


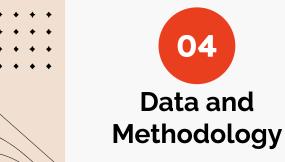












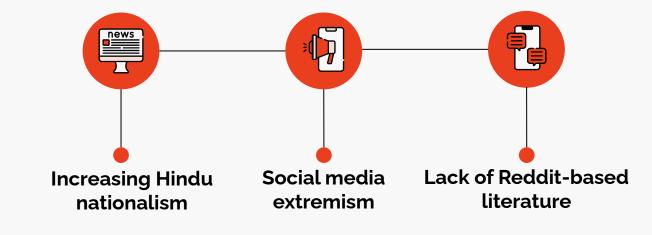




Conclusion

Introduction









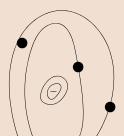




- What are the dominant themes discussed in prominent Indian subreddits, and as related to the Hindutva ideology?
- What are the dominant sentiments of users on Indian subreddits, and as related to the Hindutva ideology?
- Do some Indian subreddits engage in more extreme discussions of the Hindutva ideology than others?











- Some dominant themes that are discussed in Indian subreddits are related to fear of other religions, especially of Islam and Sikhism, and the promotion of Hindu nationalistic practices.
- The dominant sentiments in these Indian subreddits would be negative in relation to other religions and positive in relation to Hinduism.
- Larger Indian subreddits would display a more neutral sentiment overall in their posts than smaller subreddits.











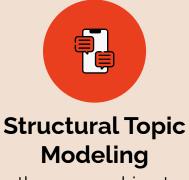




tokenization, corpus creation

Sentiment Analysis

to understand user sentiments





Output







An accessible flexdashboard with results and insights for the general public

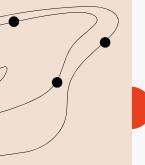
04 Data





- 2M members
 - 747 rows

- 6.4K members
- 924 rows
- Collected on December 8th, 2023 using RedditExtractoR
- Time period of 1 month, sorted by newest posts
- 8 columns (6 character, 2 numeric)
- Columns: date published, title, text, title_text, timestamp, number of comments, subreddit name, url









Wordclouds

know like hindutya think shiv culture nationalists 6m0 world truth support religion spiritual history please 8g take pakistan mahapuran

city accountguys
indians advice government
called thanks
family number something different
family number something online
last getting money times someone
orking take back shacks news working take back please said many card card wanted best go around one people call post going friend experience better friends delhi anything #x200b

r/HindutvaRises



r/India





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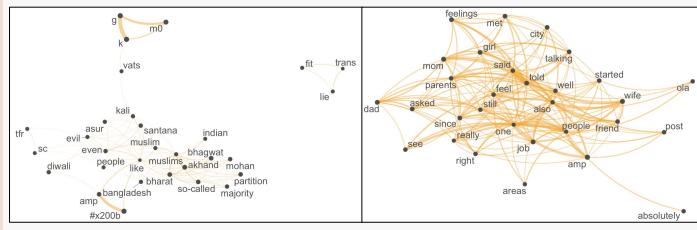


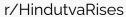




Feature Co-occurrence Matrices







r/India













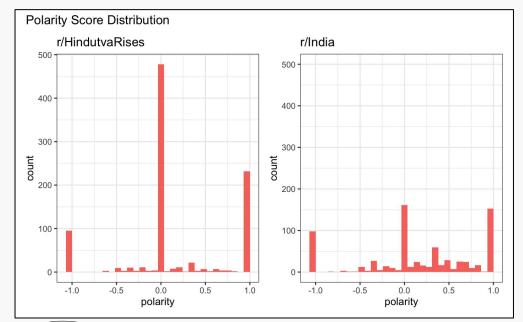






05 Results

Sentiment Analysis



















r/HindutvaRises Top Topics (Polarity < 0)

Topic I Top Words:

Highest Prob: hindus, schools, hindu, like, can, minority, india FREX: schools, minority, private, rte, guru, pay, quota Lift: u. #bansnapchat, #kashmirihindus, 1700s, 1830s, 19th, 20as

Score: schools, private, rte, minority, quota, pay, hindus Topic 2 Top Words:

Highest Prob; amp, people, m. hinduism, india, theory, g FREX: theory, g, r, ancient, k, arvans, dravidians

Lift: -jai, @0m, #art, #ayodhya, #bhaktione, #hindu, #mahabharat Score: theory, r. g. k. m. aryans, dravidians

Topic 3 Top Words:

Highest Prob: hindu, nationalists, moon, india, think, page, can FREX: moon, fought, communities, nepal, daksha, solah, somvar Lift: _army, _during, _ii, _war, _world, @bengalsultanate. 00ee584382e692alfa390a4666b62a8f864cla3d

Score: moon, nationalists, communities, nepal, daksha, solah, fought Topic 4 Top Words:

Highest Prob: ram, hindus, jai, muslims, bjp, shree, mandir FREX; ram, bip, mandir, ban, remove, movies, shri Lift: accused, akin, ambit, anger, assertive, attend, awareness Score: ram, blasphemy, bjp, hindus, muslims, mandir, allies

r/HindutvaRises Top Topics (Polarity = 0)

Topic I Top Words:

Highest Prob: hindu, muslim, india, think, place, know, like FREX; r. support, secularism, bose, chandra, growth, subhas Lift; accounts, admired, bose, chandra, democracy, growth, law Score: growth, hindu, bose, chandra, subhas, secularism, think

Topic 2 Top Words:

Highest Prob: g, m, k, m0, 9h, day, shiv FREX: g, m, k, m0, 9h, day, shiv

Lift: @5, @hinducafe, #shiv. Og, 2@8, 2g, 2gd Score: g, m, k, m0, 9h, shiv, 0m

Topic 3 Top Words:

Highest Prob: amp. hindu, india, hinduism, people, us, hindus FREX: amp, us, bollywood, lanka, s, sri, akhand

Lift: amp, arabia, battle, boi, chennakeshava, claiming, committed Score: amp, us, people, lanka, sri, nationalists, bollywood Topic 4 Top Words:

Highest Prob; like, even, dharma, santana, vedic, kali, hindus FREX: dharma, santana, kali, asur, well, become, evil Lift: 25k, 600k, abrahamic, achieve, afghanistan, agnostic, allah Score: santana, kali, asur, become, evil, karma, becoming

r/HindutyaRises Top Topics (Polarity > 0)

Topic I Top Words:

Highest Prob: hindu, amp, #x200b, hinduism, want, god, hindus FREX: #x200b, police, army, eating, beef, pride, reading Lift: #x200b, I940s, 25th, 295a, aastik, ability, abstain Score: #x200b, army, police, terrorists, god, eating, rise

Topic 2 Top Words:

Highest Prob: hindu, india, muslims, hindus, akhand, bharat, trans FREX: trans, lie, sc. agni, census, fit, so-called Lift: abdul, agatsva, al, ardhnarishwar, average, avtars, bahuchar

Score: trans, lie, sc, fit, agni, census, tfr

Highest Prob; India, Indian, hindus, us, hindu, can, calendar

FREX: calendar, born, jai, abroad, government, hindi, break Lift: IO-I5, I3th, 2nd, 80k, *, aamir, aboindianhindus Score: calendar, government, jai, born, indian, success, retention

Highest Prob: diwali, lord, spiritual, mukesh, vats, part, m FREX: diwali, mukesh, vats, g. puja, avatar, online

Lift: @cubicalyogi, @office_sansad, @sammyvada, #hindu, #mahabharat, #mahahharata #ramanayami

Score: diwali, mukesh, vats, g. psychic, part, decor



Structural Topic Modeling

-r/HindutvaRises

r/India

r/India Top Topics (Polarity < 0)

Topic I Top Words:

Highest Prob: india, s, card, us, people, things, case FREX: livpure, congress, force, mp, bharat, cancel, research Lift: IOOrs, I6,I8I-crore, I8Ors, 4-hour, 5th, academic, add

Score: livpure, cancel, 20th, rameswaram, card, add, deceptive Topic 2 Top Words:

Highest Prob; india, like, just, news, caste, indian, people FREX: caste, class, sister, agoda, brahmin, gm, man

Lift: caste, @penpencildraw, I8m, 2019-21, 210m, 4k, 50-75ish Score: brahmin, agoda, attention, pakistan, class, caste, number

Topic 3 Top Words: Highest Prob: can, india, like, just, never, get, even

FREX: hard, non, vegan, indians, veg, diet, image

Lift: hard, image, id, #hand, 0570d5348c7cb93e4b7ef69c5da4c82df0704bea, I-2, IO-I2 Score: vegan, non, veg, hard, diet, die, try

Topic 4 Top Words:

Highest Prob; can, parents, back, one, call, t, dad

FREX: m, asleep, clean, hai, dream, mum, prescribed Lift: m. --, I2pm, 2lyr, 26m, 29m, 90k

Score: asleep, clean, prescribed, dream, mum, m, coach

r/India Top Topics (Polarity = 0)

Topic I Top Words:

Highest Prob: amp. india. indian, report, m, s, like FREX: report, entry, amp, format, mobile, money, two

Lift: report. #x200b, I5k, I7mn, 25k, 97a083a86f3a9l08a5ealab4bll849ccca670022.

Score: amp. sultans, tourist, visa, price, value, viewpoints

Topic 2 Top Words:

Highest Prob; india, order, since, times, inside, use, trapped

FREX; order, inside, use, back, decathlon, delivered, rescued Lift: bribes, buddha, business, currency, glovebox, songs, spray

Score: delhi, order, decathlon, delivered, glovebox, spray, tejas Topic 3 Top Words:

Highest Prob: s. day, roads, people, data, just, new

FREX: roads, data, every, many, took, avoid, go

Lift: names, star. #melodi, I2th, I4-ian-I969, I925-2023, Ist Score: roads, many, data, name, avoid, took, says

Topic 4 Top Words:

Highest Prob: india, can, congress, news, s, state, old

FREX: congress, news, state, coins, vigilance, book, city Lift: 32728b62cdcb3d9488e7ce24c5ab9566, 9k, accepting, accidents, adapter, bhopal, bold

Score: congress, vigilance, commission, noise, navel, saree, wearing

r/India Top Topics (Polarity > 0)

Topic I Top Words:

Highest Prob: amp, India, people, one, like, can, just FREX: ama, auto, lk, named, nani, webp, indigo Lift: a, abhinandan, abijit, am, dhruv, educator, from Score: ama, lk, nani, named, subsidies, cr. finals

Topic 2 Top Words:

Highest Prob; people, india, like, just, know, can, get FREX; passport, coins, u. problems, nice, ve. non

Lift: I-2, 5th, activities, adopted, adoption, agra, aim Score: coins, u, wife, feelings, room, godown, representation

Topic 3 Top Words:

Highest Prob: can, india, bank, online, help, get, account FREX: project, lakh, refund, zomato, gol, payments, seeking Lift: achieve, agent, agreement, astronaut, baby, bare, born Score: zomato, payments, lakh, gol, tu, academic, tashan

Topic 4 Top Words:

Highest Prob: please, india, help, like, can, university, know FREX: certificate, protein, therapy, tickets, broadcasting, songs, university Lift: 13-place, balpavee, bunny, censorship, clinic, didnt, dishwasher Score: protein, broadcasting, university, flights, forensics, universities, pet

















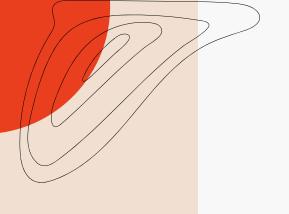


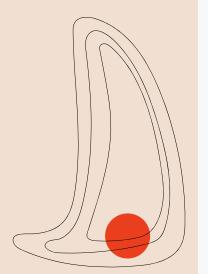






- Partial support to the hypotheses
- Smaller subreddit not as extreme as expected since most posts classified as neutral. Positively coded posts talk about Hindu rituals and extremist ideas, while negative ones discuss other religions.
- More general topics and positive polarity in the bigger subreddit
- Limitations
 - Cross-sectional data may not be very representative, not taken at a particularly relevant time period
 - Only two subreddits so not very generalizable
 - Tokenization not very effective
- Future directions
 - o Compare more subreddits over a relevant time period (e.g. election season)
 - Experiment with more K-values to see how topics in STM change

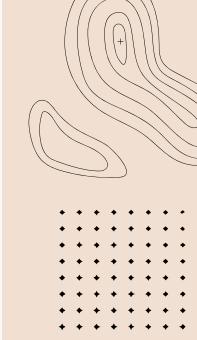




Thanks!

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