

# Loksabha Elections

2014 and 2019 Analysis



# Problem Statement

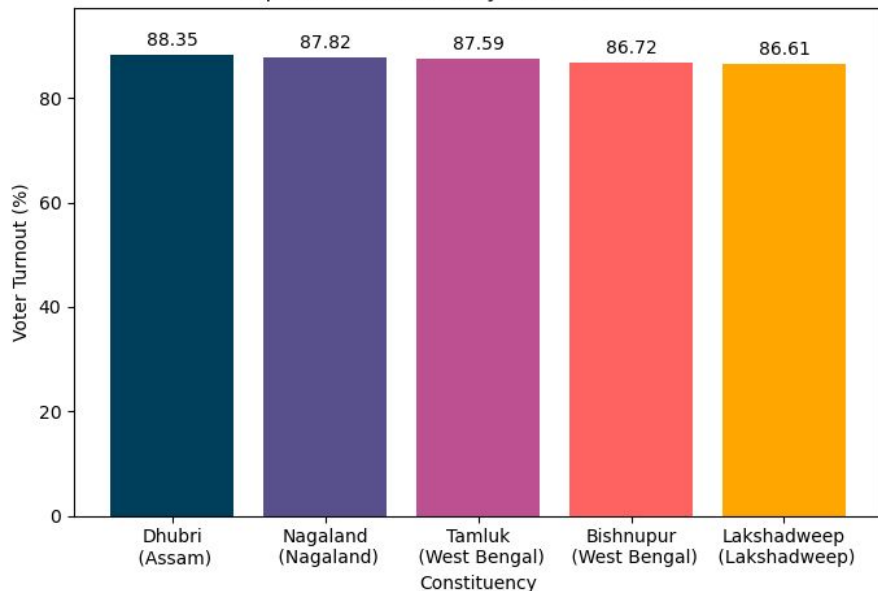


AtliQ media is a private media company and they wanted to telecast a show on Lok Sabha elections 2024 in India. Unlike other channels they do not want to have a debate on who is going to win this election, they rather wanted to present insights from 2014 and 2019 elections without any bias and discuss less explored themes like voter turnout percentage in India.

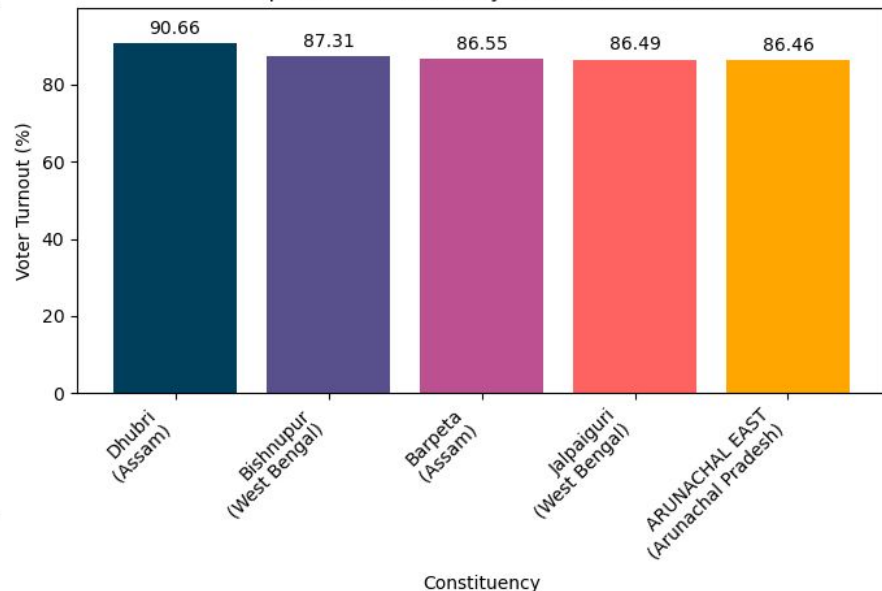
# Voter Turnout Analysis



Top 5 Constituencies by Voter Turnout 2014



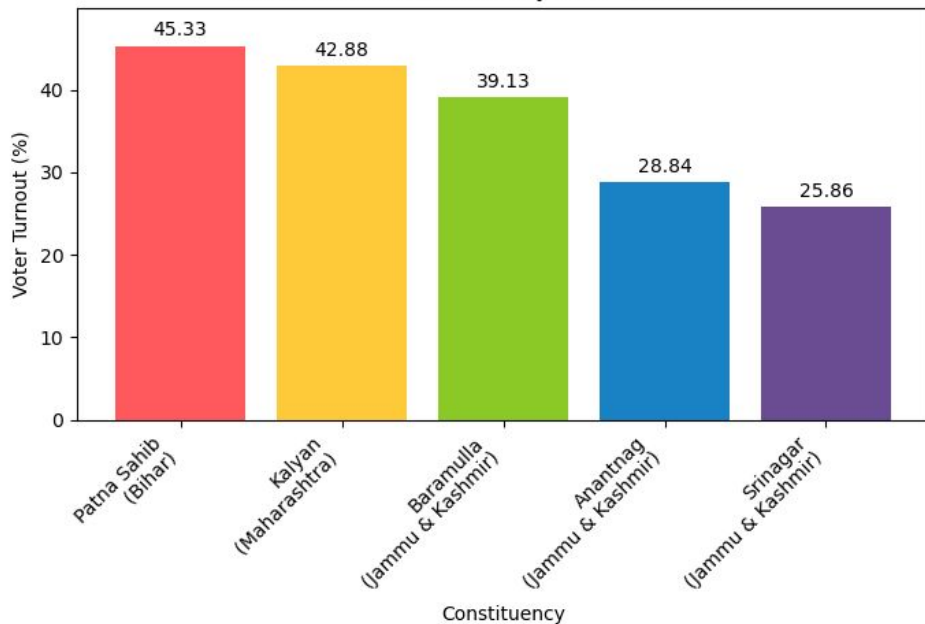
Top 5 Constituencies by Voter Turnout 2019



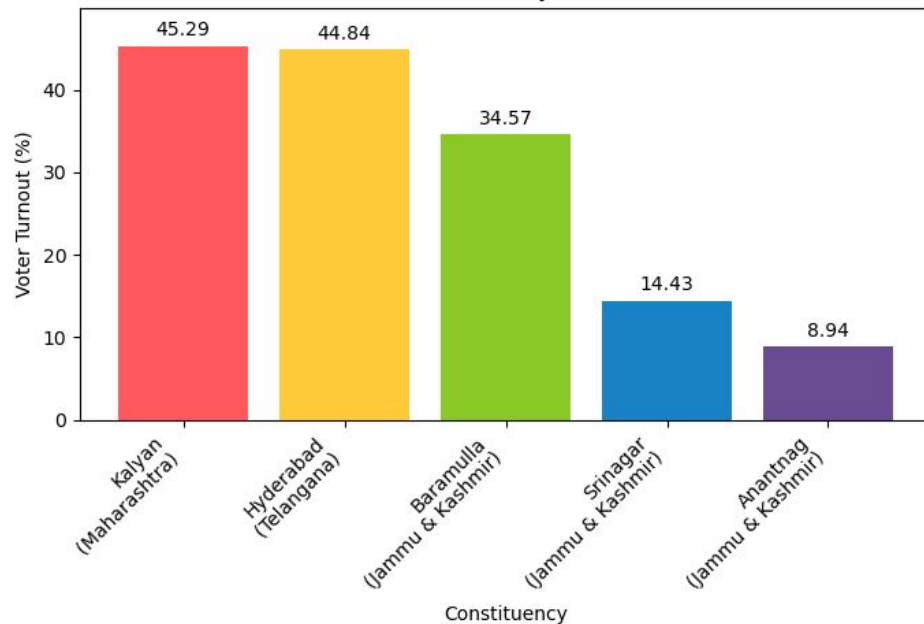
# Bottom Constituencies



Bottom 5 Constituencies by Voter Turnout 2014



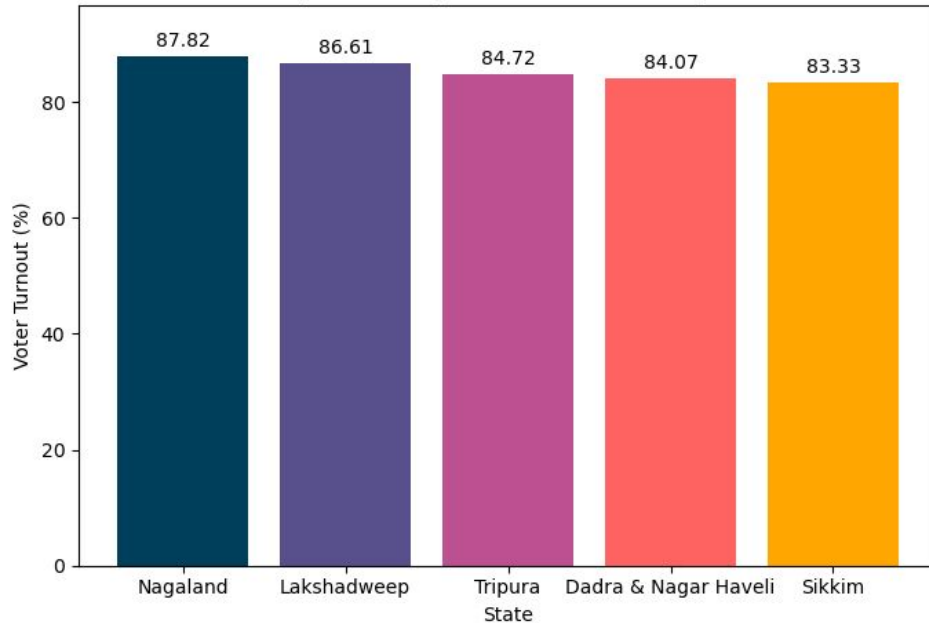
Bottom 5 Constituencies by Voter Turnout 2019



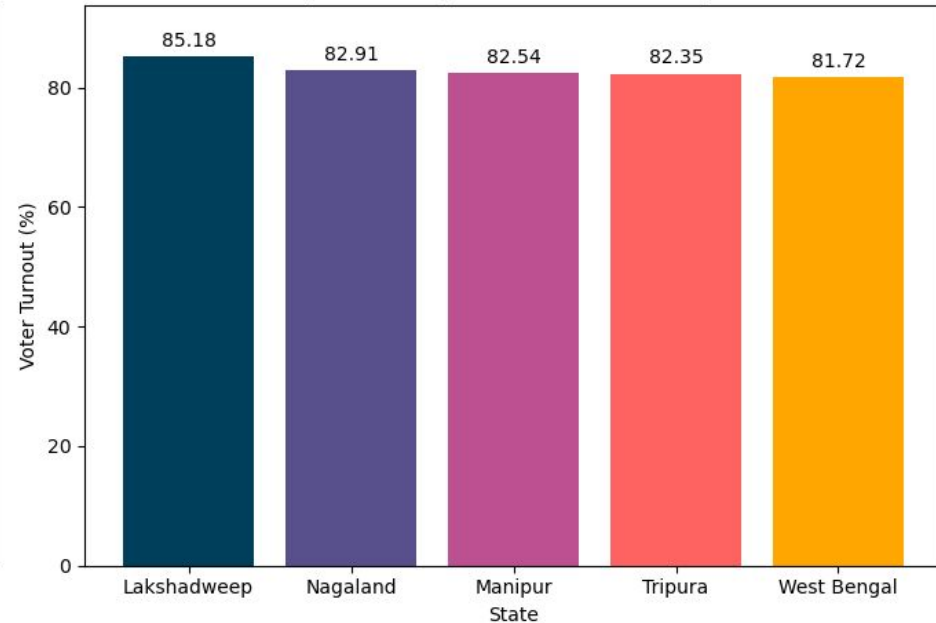
# Top 5 States/UT



Top 5 states by Voter Turnout 2014 by %



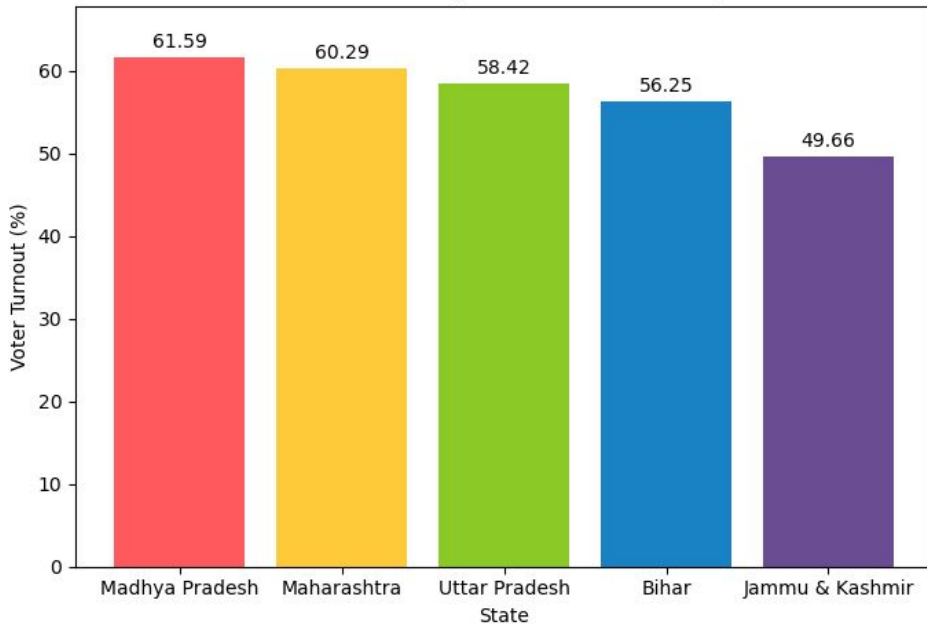
Top 5 states by Voter Turnout 2019 by %



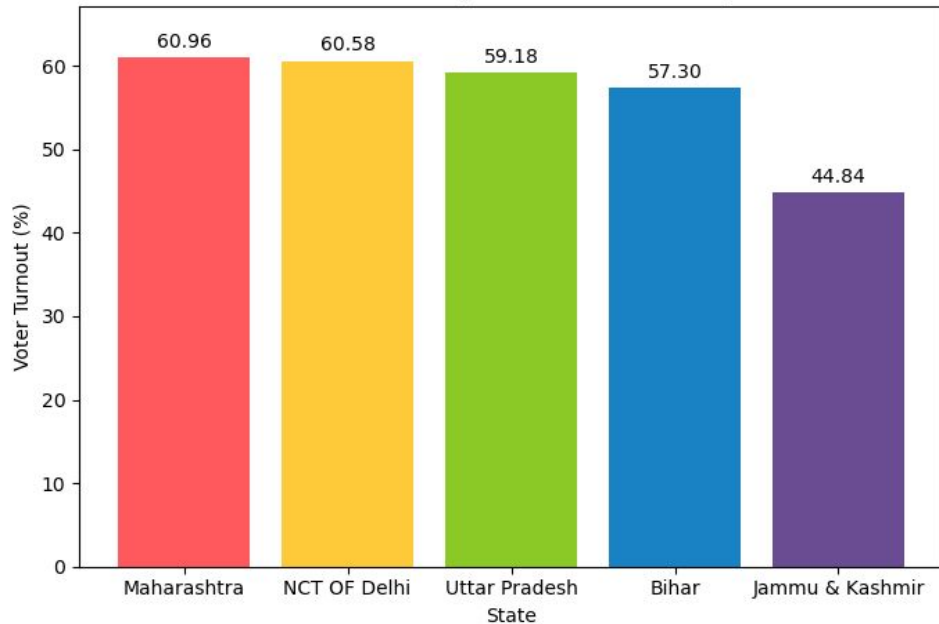
# Bottom 5 States/UT



Bottom 5 states by Voter Turnout 2014 by %



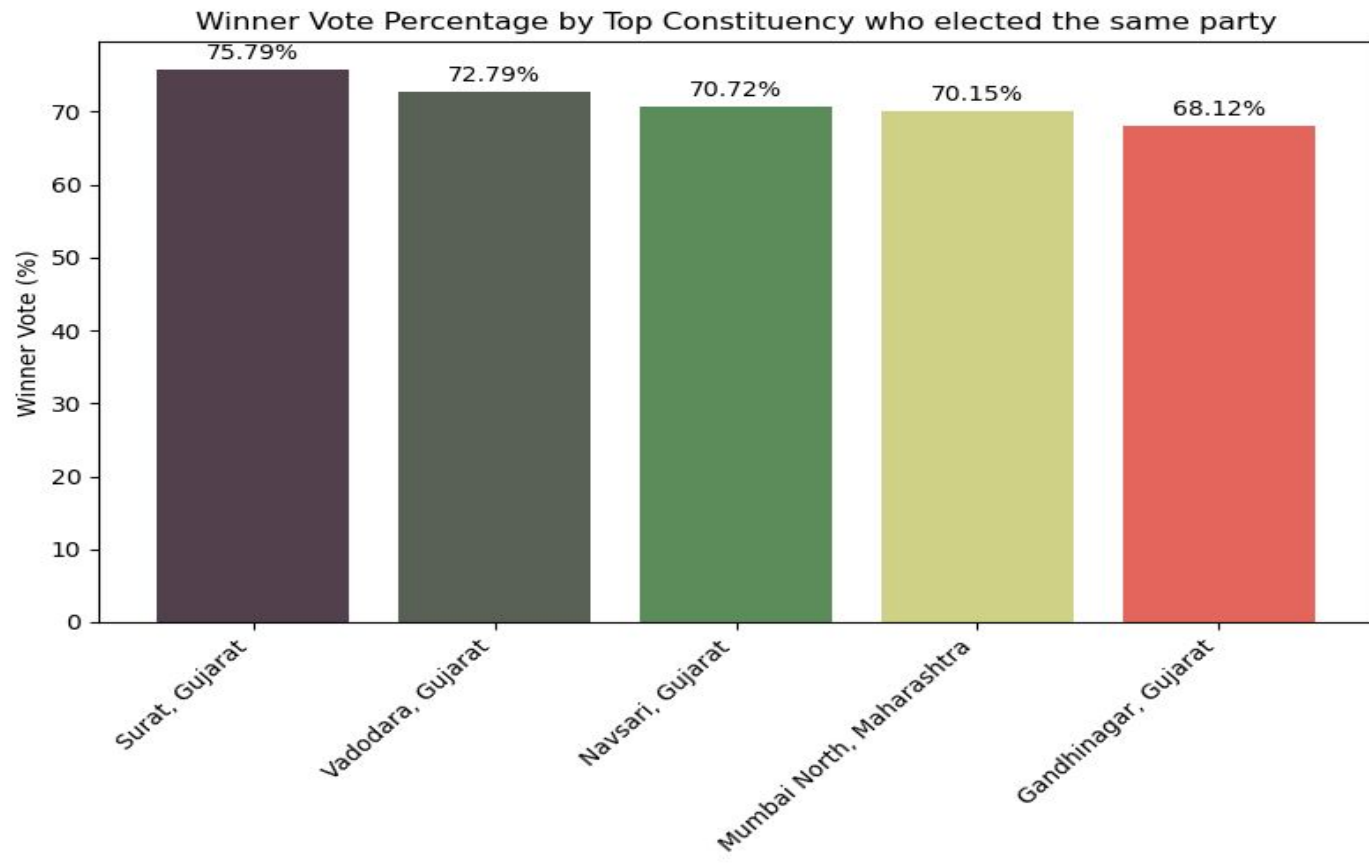
Bottom 5 states by Voter Turnout 2019 by %



# Voter Turnout Insights



1. Dhubri(Assam) had the maximum voter turnout in both elections.
2. Dhubri(Assam) and Bishnupur(West Bengal) were in top 5 constituencies by voter turnout in Both elections.
3. Kalyan, Baramula, Anantnag and Srinagar were in Bottom 5 constituencies in both elections, In 2019 elections Kalyan's voter turn out increased but the other 3 constituencies of J&K saw a significant decrease.
4. Nagaland, Tripura and Lakshadweep were in top 5 states for Both elections.
5. J&K had the minimum voter turnout in both elections.
6. J&K, Uttar Pradesh,Bihar and Maharashtra were in bottom 5 states in Both elections.



In 337 Constituencies same party won both elections.



## Constituencies who elected different party with maximum difference



state	Constituency	2014	2019	winner(%)2014	winner(%)2019	difference
West Bengal	Alipurduars	AITC	BJP	26.26	54.39	28.13
Assam	Autonomous District	INC	BJP	34.50	61.72	27.22
Bihar	Jhanjharpur	BJP	JD(U)	31.63	56.79	25.16
Uttar Pradesh	Sambhal	BJP	SP	30.43	55.59	25.16
Tamil Nadu	Kanyakumari	BJP	INC	35.56	59.82	24.25
Bihar	Bhagalpur	RJD	JD(U)	35.26	59.30	24.04
Puducherry	Puducherry	AINRC	INC	32.35	56.27	23.92
Bihar	Supaul	INC	JD(U)	29.97	53.77	23.80
Uttar Pradesh	Ghazipur	BJP	BSP	27.76	51.20	23.43
Jharkhand	Giridih	BJP	AJSUP	35.40	58.56	23.16

## 2014 Top Candidates by Vote difference



state	Constituency	Winner	Party	Runner up	Party	Vote difference
Gujarat	Vadodara	Narendra Modi	BJP	Mistri Madhusudhan Devram	INC	570128
Uttar Pradesh	Ghaziabad	Vijay Kumar Singh	BJP	Raj Babbar	INC	567260
Gujarat	Navsari	C. R. Patil	BJP	Maksud Mirza	INC	558116
Rajasthan	Jaipur	Ramchandran Bohra	BJP	Dr. Mahesh Joshi	INC	539345
Gujarat	Surat	Darshana Vikram	BJP	Desai Naishadbhai	INC	533190

## 2019 Top Candidates by Vote difference



state	Constituency	Winner	Party	Runner up	Party	Vote difference
Gujarat	Navsari	C. R. Patil	BJP	Patel Dharmeshbhai	INC	689668
Haryana	Karnal	Sanjay Bhatia	BJP	Kuldip Sharma	INC	656142
Haryana	Faridabad	Krishan Pal	BJP	Avtar Singh	INC	638239
Rajasthan	Bhilwara	Subhash Baheria	BJP	Ram Pal Sharma	INC	612000
Gujarat	Vadodara	Ranjanben Bhatt	BJP	Prashant Patel	INC	589177

# Some Insights



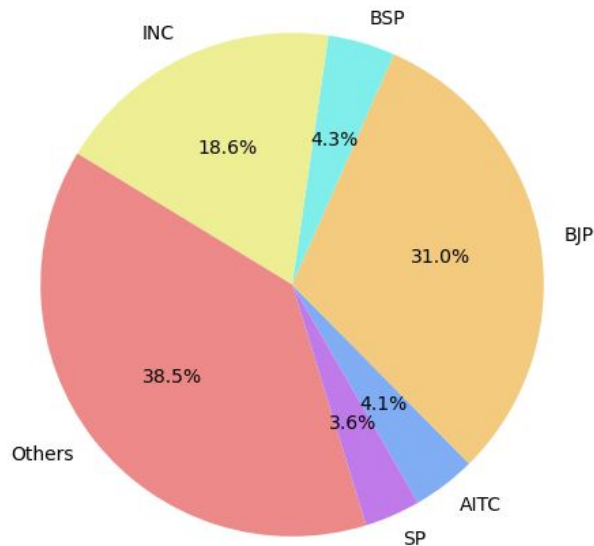
1. In Both elections Top 5 candidates were of BJP and the runners up were from INC.
2. **C.R Patil** was in Top 5 candidates in both 2014 and 2019 elections.
3. In Top 5 candidates 2 candidates of BJP(winning party) were from constituencies Vadodara(Gujarat) and Navsari(Gujarat) in both elections.

# Vote Share Analysis

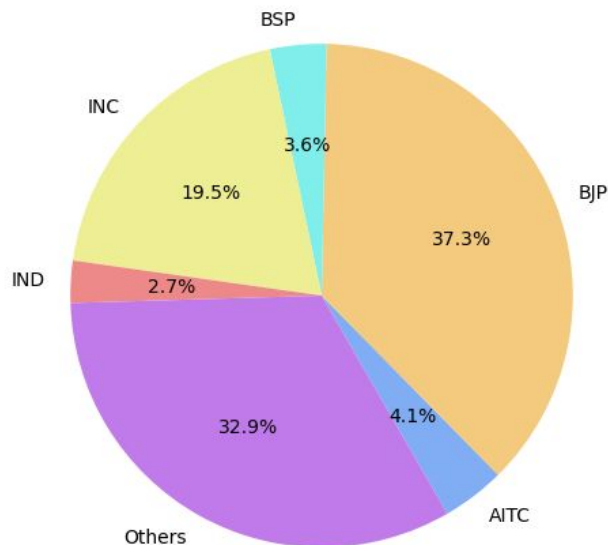


## NATIONAL LEVEL

Top 5 parties by vote percent at national level(2014)



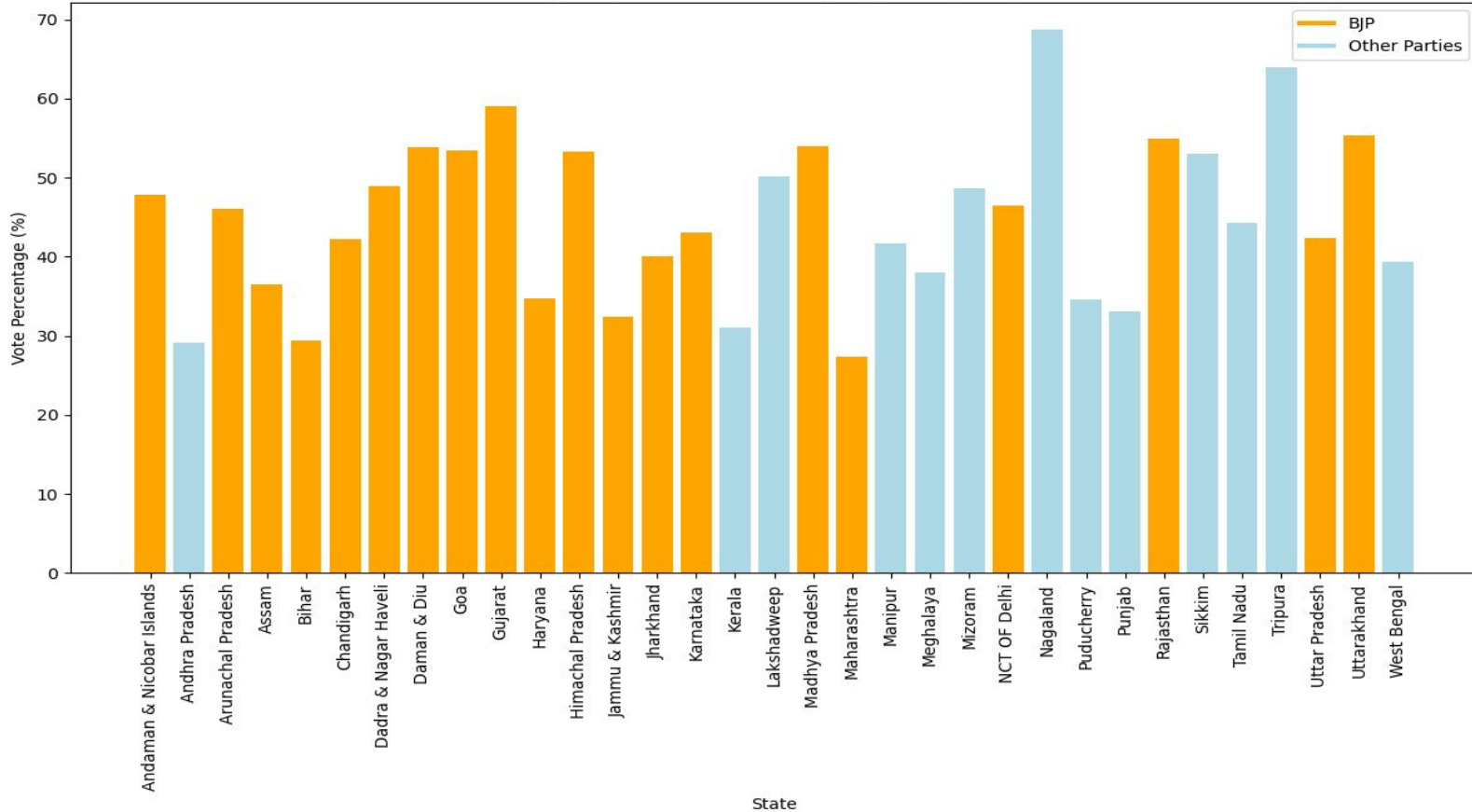
Top 5 parties by vote percent at national level(2019)



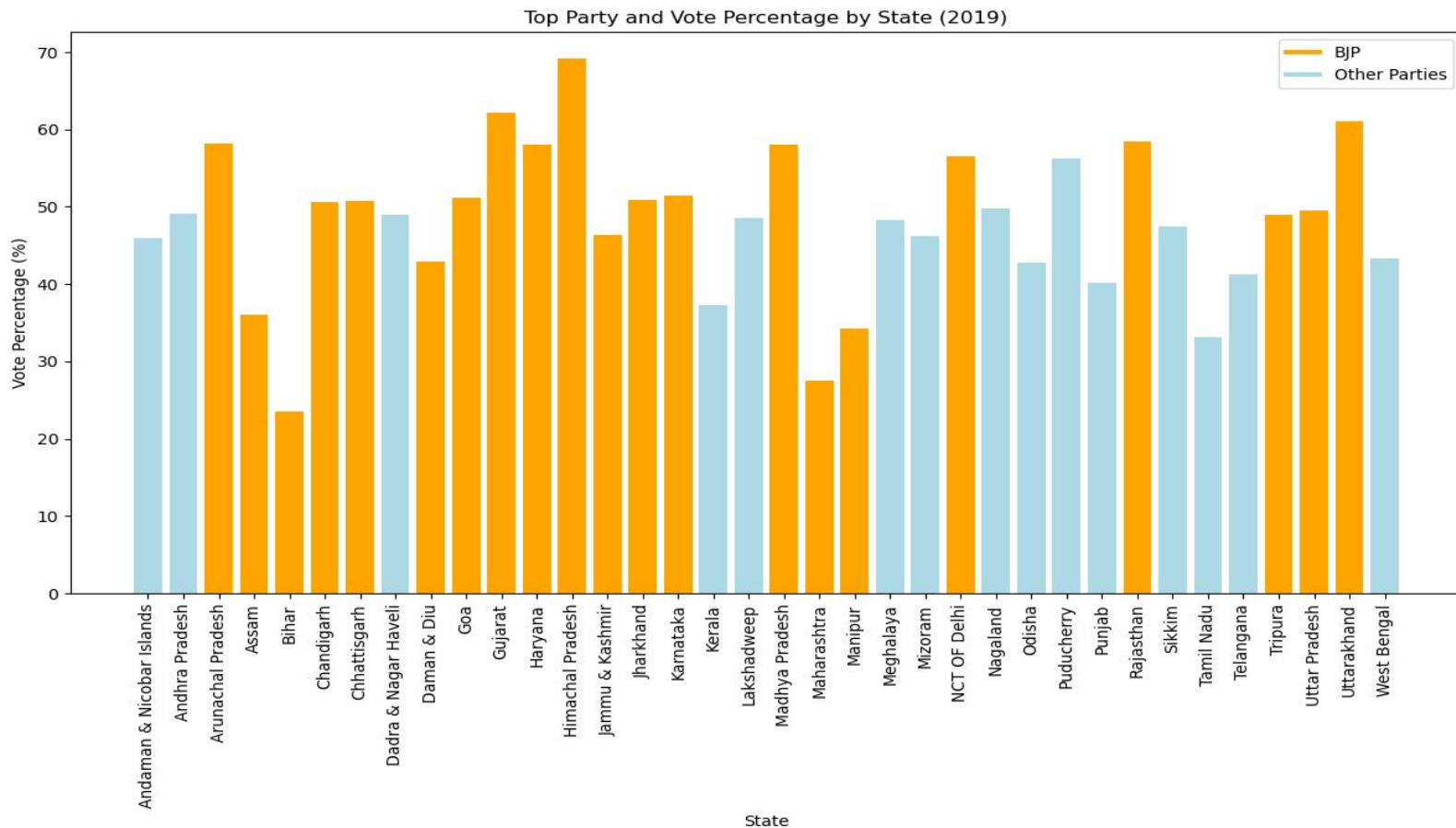
# STATE LEVEL-2014



Top Party and Vote Percentage by State (2014)



# STATE LEVEL-2019



# Vote Share Insights



1. In Both elections BJP had the maximum vote share at national level.
2. In 2014 elections BJP had maximum vote share in 20 States/UTs.
3. In 2019 elections BJP had maximum vote share in 21 States/UTs.
4. In 2019 BJP vote share increased by **6.3 %** while the other major party that is INC vote share increased by **0.9%**



# Major Parties -BJP Gain



Top 5 constituencies where BJP had less than **40 %** share in 2014 but got more than **50 %** share in 2019

state	pc_name	party	total_votes	total_state_votes	percent_vote
Haryana	Bhiwani-Mahendragarh	BJP	736699	1161115	63.44
Jharkhand	Kodarma	BJP	753016	1209541	62.25
Assam	Autonomous District	BJP	381316	617735	61.72
Bihar	Darbhanga	BJP	586668	964996	60.79
Uttar Pradesh	Kushi Nagar	BJP	597039	1053117	56.69

# Major Parties -INC Gain



Top 5 constituencies where INC had less than **40 %** share in 2014 but got more than **50 %** share in 2019

state	pc_name	party	total_votes	total_state_votes	percent_vote
Tamil Nadu	Karur	INC	695697	1103165	63.06
Tamil Nadu	Kanyakumari	INC	627235	1048377	59.82
Tamil Nadu	Tiruchirappalli	INC	621285	1048062	59.27
Puducherry	Puducherry	INC	444981	790760	56.27
Assam	Kaliabor	INC	786092	1424687	55.17

# Major Parties -BJP Loss



Top constituencies where BJP had more than 40 % share in 2014 but got less than 30 % share in 2019

state	Constituency	party	total_votes	total_state_votes	percent_vote
Andhra Pradesh	Visakhapatnam	BJP	33892	1239754	2.73
Andhra Pradesh	Tirupati	BJP	16125	1313515	1.22
Andhra Pradesh	Narsapuram	BJP	12414	1177738	1.05

# Major Parties -INC Loss



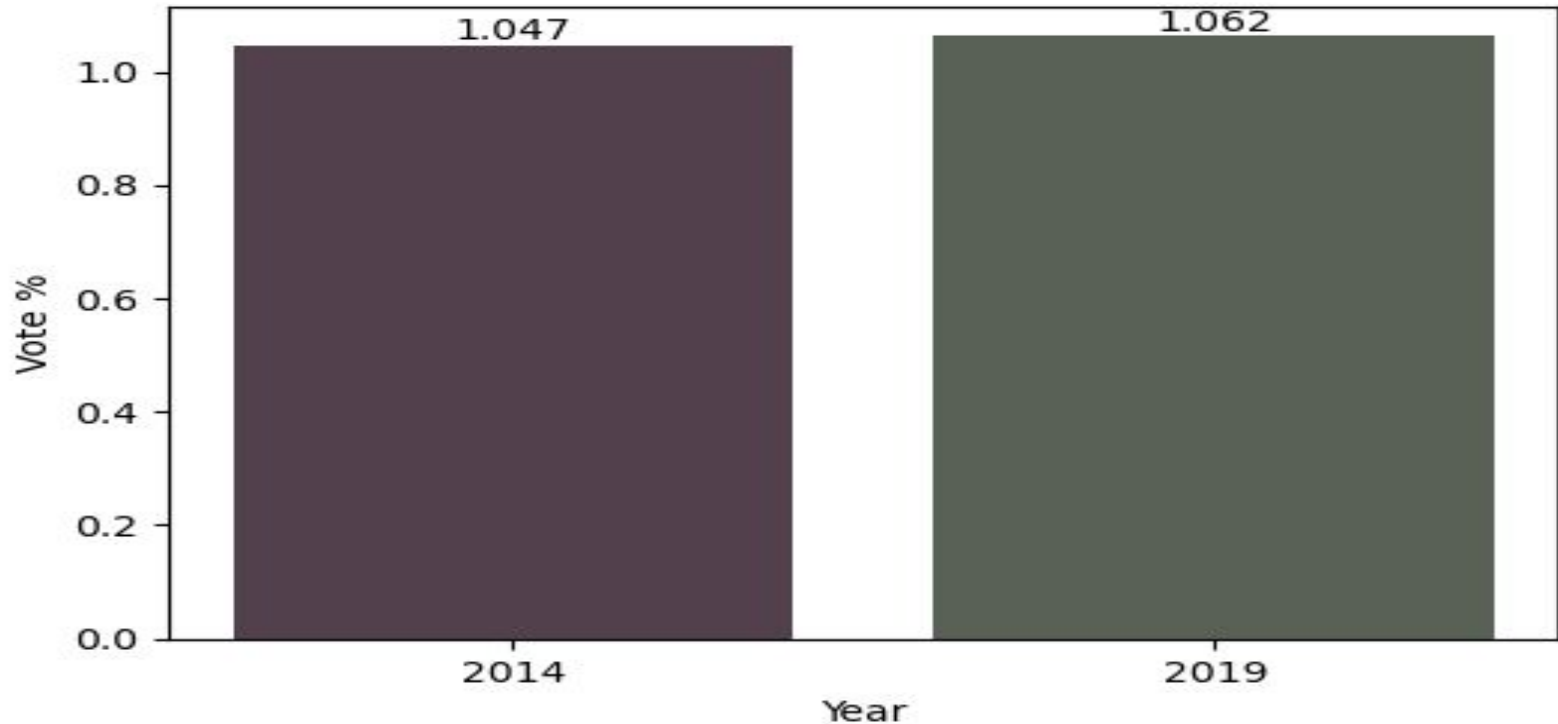
Top constituencies where INC had more than 40 % share in 2014 but got less than 30 % share in 2019

state	pc_name	party	total_votes	total_state_votes	percent_vote
Arunachal Pradesh	Arunachal East	INC	83935	293781	28.57
Rajasthan	Banswara	INC	406245	1439671	28.21
Maharashtra	Hingoli	INC	308456	1157516	26.64

# Nota Analysis



NOTA comparison 2014 vs 2019



# Top Constituencies Not a % 2014



state	Constituency	party	total_votes	total_state_votes	percent_vote
Tamil Nadu	Nilgiris	NOTA	46559	933076	4.98
Meghalaya	Tura	NOTA	19185	458071	4.18
Gujarat	Dahod	NOTA	32305	900381	3.58
Jharkhand	Singhbhum	NOTA	27037	795286	3.39
Bihar	Samastipur (SC)	NOTA	29211	863199	3.38

# Top Constituencies Nota% 2019



state	Constituency	party	total_votes	total_state_votes	percent_vote
Bihar	Gopalganj (SC)	NOTA	51660	1024876	5.04
Chhattisgarh	BASTAR	NOTA	41667	912846	4.56
Bihar	Paschim Champaran	NOTA	45699	1012936	4.51
Andhra Pradesh	Aruku	NOTA	47977	1074538	4.46
Bihar	Jamui (SC)	NOTA	39496	949137	4.16

# Top States Nota%



2014

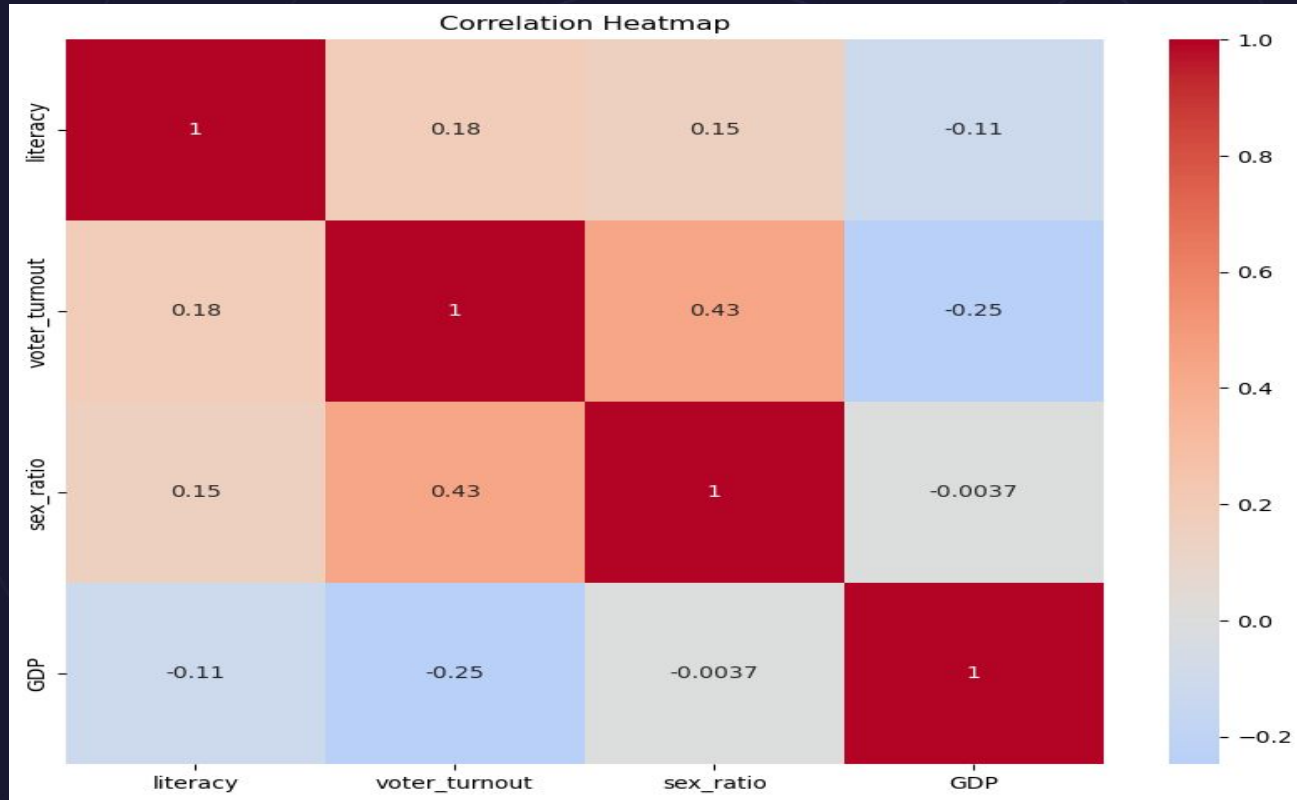
state	party	Nota %
Puducherry	NOTA	3.00
Meghalaya	NOTA	2.79
Dadra & Nagar Haveli	NOTA	1.79
Gujarat	NOTA	1.76
Bihar	NOTA	1.61

2019

state	party	Nota %
Bihar	NOTA	2.00
Daman & Diu	NOTA	1.70
Puducherry	NOTA	1.54
Andhra Pradesh	NOTA	1.48
Dadra & Nagar Haveli	NOTA	1.48



# Secondary Analysis -2019 Elections



# Some More Insights



1. Surprisingly Literacy rate and GDP have low correlation with voter turnout.(GDP is negatively correlated)
2. Kerala having **94%** literacy rate have voter turnout of **77.79%**, while Nagaland with **79.6%** literacy rate have voter turnout of **82.91 %**.
3. Postal votes have correlation of **0.72** with voter turnout.
4. Sex ratio have correlation of **0.43** with voter turnout.

# Recommendations



1. Special focus on states like **J&K, Bihar, Uttar Pradesh** and Maharashtra as they were in bottom 5 states in Both Elections.
2. Special focus on bottom constituencies in both elections like **Kalyan, Baramula, Anantnag** and **Srinagar** .
3. Postal votes play very important role ,there can be many electors who are eligible for postal votes but are not aware of it , Awareness Campaigns about Postal votes can be done.