

# Group G

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## MAJOR FINDINGS

1. Since the data was very poorly organized, we used our ground knowledge and contacted some people to clean our data after that we can analyse the data very well and make observations more accurately.
2. Anwar Ali was major vote-cutter for INC in 2018 Vidhan Sabha Elections since he got around 3200 votes and difference between BJP(winner) and INC(runner up) was around 2300 votes.
3. After analysing surnames in 53 Areas, we can say that around 34000 people are Muslims, around 27500 people are Singh, around 26000 Kumar, around 12000 are Jat, around 11000 are Savarna and around 7000 are Dalits.

## ACTION POINTS FOR INC

1. In 2018 General Vidhan Sabha elections INC lost majority votes to Anwar Ali(BSP) which impacted INC's campaign very deeply. In later elections INC got the votes back again
  - In the following booths Anwar impacted INC most - 111(Kyamsar), 48(Alsisar), 113(Dhanuri), 68(Bissau), 182(Mojas), 198(Bhimsar), 173(Sekhsar), 7(Jabasar), 137(Tani).
  - So they should campaign in these booths firmly focused on the Muslim population, which swung to other Muslim candidates.
2. In some booths there are swing voters which votes both BJP, INC regularly so they should focus more on these booths and its population.
  - Following are the areas which swung most in recent elections in favor of INC - Mandawa, Bissau, Malsisar, Nua, Tani.
  - Following are the areas in which voters swung away from INC in recent elections - Ranjitpura, Bas Kaliyasar, Jalimpura, Sigda, Naya Bas(Dhanuri).
  - So INC can try to influence both of the type of voters so that those who swung in their favour can vote them in the future elections and those who swung away can come back to them.
3. INC should focus on new voters as they can also be considered swing voters for many different reasons. After analysing the vote share of INC in comparison to the number of new voters in the booth, we can observe that INC's vote share increases when the number of new voters increases.

## ACTION POINTS FOR BJP

1. In 2018 General Vidhan Sabha elections INC lost majority votes to Anwar Ali(BSP) which impacted INC's campaign very deeply. In later elections INC got the votes back again.
  - So BJP can try to stand a local Muslim candidate from these booths which will impact INC hugely and can cost them the election(seat).
  - BJP can also try to influence the Muslim population in these booths.
  - In the following booths Anwar impacted INC most - 111(Kyamsar), 48(Alsisar), 113(Dhanuri), 68(Bissau), 182(Mojas), 198(Bhimsar), 173(Sekhsar), 7(Jabasar), 137(Tani).
2. In some booths there are swing voters which vote both BJP, INC regularly so they should focus more on these booths and its population.
  - Following are the areas which swung most in recent elections in favor of BJP - Mandawa, Malsisar, Bissau, Tamkor, Alsisar.
  - Following are the areas in which voters swung away from BJP in recent elections - Jabasar, Govindpura, Rijani, Kaliyasar, Siriyasar Khurd.
  - So BJP can try to influence both of the type of voters so that those who swung in their favour can vote them in the future elections and those who swung away can come back to them.
3. BJP should focus on new voters as they can also be considered swing voters for many different reasons. After analysing the vote share of BJP in comparison to the number of new voters in the booth, we can observe that BJP's vote share decreases when the number of new voters increases. So it becomes more critical to BJP to focus on new voters than INC since INC is already benefitting from their policies.

## Core Voters and Swing Voters Area-wise.

Area	INC	BJP	Swing
Jabasar	Muslim(Part) , Jat	Singh, Kumar, Ram	Muslim(Part), Others
Bas	Singh,Jat	NO core	Others
Kaliyasar	Jat	Kumar,Ram	Others
Itava	Jat, Muslim,	Singh,Kumar,Dalit	No Swing
khurd	Meena,Ram,Savrna		
Itava	Muslim, Jat, Kumar	Singh,Ram,Dalit	Others
Kalan			
Malsisar	Muslim, Jat	Kumar,Singh,Savrna,Ram,Lal	Others
Alsisar	Muslim, Jat	Kumar, Singh, Savrna, Dalit, Ram, Lal	Others
Bissau	Muslim(Part),Jat	Kumar,Singh,Ram	Muslim(Part), Others
Pilani	Jat, Dalit	Singh, Ram	Others
Khurd			
Bidasar	Jat, Singh, Muslim	Kumar, Ram,Savrna,Lal	Others
Badet	Jat, Muslim, Meena	Kumar, Singh, Savrna, Ram, Lal, OBC	Dalit, Prajapat
Patoosar	Jat, Singh	Kumar, Ram, Dalit, Lal, Prajapat, Savarna	No Swing
Tamkor	Jat, Muslim,OBC	Kumar, Savrna, Prajapat, Dalit, Ram, Lal	Singh,Meena
Dhilsar	Others	Jat, Lal, Kumar	Ram
Gangiyasar	Muslim(Part), Jat	Kumar, Savrna, Prajapat, Dalit, Ram, Lal, OBC	Muslim(Part),Meena,Gurjar
Malsisar	Muslim, Jat, OBC	Kumar, Singh, Prajapat, Dalit, Ram, Lal	Savarna,Meena
Bajla	Muslim, Jat, Kumar	Singh,Ram,Lal	Others
Dhanuri	Muslim, Jaat	Singh, Kumar, Ram, Dalit	Others
Khidersar	Kumar	Singh, Ram, Savrna, Dalit	Jat, Lal, Meena
Hansasar	Jat,Kumar	Singh,Ram	Others
Chudela	Jat, Singh	Kumar,Ram	Others
Hamiri	Jat,Kumar	Singh,Ram	Others
Khurd			
Hamirir	Jat,Kumar	Singh,Ram	Others
Kalan			
Rijani	Jat,Kumar	Singh,Ram	Others
Madansar	Muslim	Singh,Dalit	Others
Mandawa	Muslim,Jat	Kumar, Savrna, Singh, Dalit, Ram, Lal	Prajapat, OBC, Meena, Gurjar

Area	INC	BJP	Swing
Hetamsar	Jat,Kumar,Dalit	Singh,Ram,Lal	Others
Bhojasar	Jat,Kumar	Singh,Savrna,Ram	Others
Ajeetgarh	Jat,Singh	Kumar,Prajapat,Savrna,Lal	Others
Nua	Muslim,Jat	Singh,Kumar,Savrna,Ram	Others

For core voters - First, we find the lowest percentage votes gained by respective parties in all four elections, and then we tried to find the core voters caste-wise according to that percentage; we also used some ground knowledge by asking which caste could have voted for which party. And the remaining voters we can describe as swing voters.

## Finding The surnames

1. Since the data was very poorly organized, we used our ground knowledge and contacted some people to clean our data.
2. It is the most difficult and time consumable part of our analysis
3. Because by looking the surname of the head of the family is not good enough
4. Because most of the head of family members have the same surname like Kumar, Ram, Lal, etc.
5. So, for finding the surnames we first go with the surnames that we sure about
6. After the first go, we got around 62% of surnames
7. After that, we assign surnames like Ram, Lal, Kumar, and Singh if all family members have the same surname or not having a surname
8. Then we found around 70% of surnames
9. Many of the families have no surname
10. To tackle this problem we first find the surname of the whole section(Anubhag) by looking at the name of the section(Anubhag) and assign that surname to these families
11. Then we got around 85% surname
12. After remaining surname, we assign the neighbors surname
13. By going through all the steps we are assuring that **accuracy is 80-90%**

## Caste that belongs to different communities

DALIT	SAVRNA	SINGH	JAT	OBC
ARYA	AGARWAL	CHARAN	GORA	CHEJARA
BARAVAD	BANSAL	KANWAR	JAT	CHETARAVAL
BARMA	BHARGAV	PUROHIT	JYANI	DARJI
BHAN	BHOMIYA	RAJPUT	KAPOOR	JOGI
BHANGI	BRAHAMIN	RANA	KAPURIYA	LUHAR
CHANDRA	DALMIA	REVAD	KARWASARA	MAHALA
CHANWARIYA	GIRI	SONI	KASVA	NAI
CHOUHAN	GOSWAMI	SUNAR	KATARIYA	SAIN
DAS	JANGID		KULHARI	SEN
DATT	JOSHI		MAHRIYA	SUTHAR
DEDHANIYA	KAUSHIK		NEHRA	TAK
FADOLIYA	KHATRI		NIWAS	TANWAR
HARIJAN	KHEDAWAL		PANWAR	TETARWAL
HATWAL	KHUDIWAL		POONIA	
KAUR	PAREEK		RATHI	
KEDIYA	PODAR		SAHARAN	
MAL	PURI		SAINI	
MEGHWAL	RUNGAT		SARAWAG	
NAYAK	SHAH		SIHAG	
REGAR	SHARMA		SILAYACH	
	SWAMI		THAKAN	
	TIWARI		YOGI	
	UPADHY		BADASAR	
			BASERA	
			BENIWAL	
			BESGARIYA	
			BHAKAR	
			CHOUDHARI	
			DANEVA	
			DANGI	
			DAYAL	
			DHAKA	
			DHAYAL	
			DHETARAVAL	
			GIL	



## Caste that belongs to different communities

PRAJAPAT	MEENA	MALI	RAM	KUMAR	LAL
KHUMHAR	MENNA	MALI	RAM	KUMAR	LAL
KUMAWAT		GAHLOT			
KUMHAR					
PARJAPAT					
VARMA					