

Table S1. Factors associated with no ANC in North India states.

States	Jammu Kashmir	Himachal Pradesh	Punjab	Chandigarh	Uttarakhand	Haryana	Delhi	Rajasthan	Ladakh
Variable	AOR (95% CI)	AOR (95% CI)	AOR (95% CI)	AOR (95% CI)	AOR (95% CI)	AOR (95% CI)	AOR (95% CI)	AOR (95% CI)	AOR (95% CI)
Maternal age at birth									
<20 years							1.00		
20-29 years							2.54 (0.93,6.95)		
30-39 years							3.52 (1.28,9.65)		
40+ years							38.54 (6.66,223.19)		
Place of delivery									
Home	1.00								
Health facility	0.45 (0.31,0.66)								
Household wealth index									
Rich					1.00				
Middle					0.31 (0.15,0.63)				
Poor					0.51 (0.26,1.02)				
Mother's education									
Secondary	1.00								
Primary	0.78 (0.49,1.25)								
No schooling	0.69 (0.52,0.92)								
Frequency of watching Television									
At least once a week	1.00								
Less than once a week	1.05 (0.76,1.46)								
Not at all	1.65 (1.21,2.26)								
Post-delivery complications knowledge									
Yes							1.00		
No							3.43 (1.34,8.81)		
Postnatal check-up (PNC)									
0-2 days	1.00								

3-41 days	1.80 (1.04,3.11)							
No PNC	2.25 (1.33,3.8)							
Power over household decision making								
By Husband alone				1.00				
Alone/joint decision				3.90 (1.03,14.74)				
Intention to become pregnant.								
Now				1.00		1.00		1.00
Later				2.30 (0.88,6.04)		2.20 (1.41,3.44)		1.44 (0.16,12.81)
No more				3.74 (1.73,8.10)		1.63 (0.96,2.78)		6.43 (1.05,39.55)

If 95% confidence intervals (CI) around AORs that lies between 1.00 indicate not statistically significant

Table S2. Factors associated with no ANC in South India states.

States	Andhra Pradesh	Karnataka	Lakshadweep	Kerala	Tamil Nadu	Puducherry	Andaman Nicobar	Telangana
Variable	AOR (95% CI)	AOR (95% CI)	AOR (95% CI)	AOR (95% CI)	AOR (95% CI)	AOR (95% CI)	AOR (95% CI)	AOR (95% CI)
Type of residence								
Urban			1.00					
Rural			0.18 (0.03,0.99)					
Place of delivery								
Home		1.00						
Health facility		2.59 (1.20,5.60)						
Household wealth index								
Rich	1.00	1.00						
Middle	0.66 (0.43,1.02)	0.79 (0.61,1.03)						
Poor	0.48 (0.29,0.78)	0.61 (0.47,0.81)						
Frequency of reading magazines								
At least once a week				1.00				
Less than once a week				0.97 (0.65,1.46)				
Not at all				1.72 (1.17,2.54)				
Frequency of watching Television								
At least once a week				1.00			1.00	

Less than once a week			0.47 (0.26,0.85)	0.54 (0.35,0.83)
Not at all			1.24 (0.79,1.96)	0.80 (0.49,1.33)
Knowledge of delivery complications				
Yes	1.00			
No	0.58 (0.35,0.97)			1.00
Post-delivery complications knowledge				
Yes				0.61 (0.43,0.86)
No				
Distance to a health facility				
No problem			1.00	
Not a big problem			0.49 (0.27,0.92)	
Big problem			0.62 (0.10,3.78)	
Postnatal check-up (PNC)				
0-2 days	1.00	1.00	1.00	
3-41 days	0.40 (0.20,0.78)	1.77 (1.04,3.03)	3.55 (1.26,10.01)	
No PNC	0.62 (0.33,1.16)	1.72 (1.02,2.91)	1.53 (0.53,4.47)	

If 95% confidence intervals (CI) around AORs that lies between 1.00 indicate not statistically significant

Table S3. Factors associated with no ANC in East India states.

States	Bihar	Odisha	Jharkhand	West Bengal
Variable	AOR (95% CI)	AOR (95% CI)	AOR (95% CI)	AOR (95% CI)
Household wealth Index				
Rich	1.00		1.00	
Middle	0.46 (0.26,0.80)		0.55 (0.34,0.90)	
Poor	0.29 (0.18,0.45)		0.37 (0.26,0.52)	
Frequency of listening radio				
At least once a week				1.00
Less than once a week				0.41 (0.19,0.85)
Not at all				0.40 (0.21,0.76)
Power over household decision making				
By Husband alone				1.00

Alone/joint decision 1.48 (1.05,2.08)

If 95% confidence intervals (CI) around AORs that lies between 1.00 indicate not statistically significant

Table S4. Factors associated with no ANC in West India states.

States	Gujarat	Dadra & Nager Haveli and Daman and Diu	Maharashtra	Goa
Variable	AOR (95% CI)	AOR (95% CI)	AOR (95% CI)	AOR (95% CI)
Frequency of listening to the radio				
At least once a week		1.00	1.00	
Less than once a week		0.51 (0.27,0.94)	0.51 (0.27,0.94)	
Not at all		0.46 (0.3,0.71)	0.46 (0.30,0.71)	
Frequency of reading magazines				
At least once a week				
Less than once a week				
Not at all				
Frequency of watching Television				
At least once a week		1.00	1.00	
Less than once a week		0.77 (0.59,1.01)	0.77 (0.59,1.01)	
Not at all		0.7 (0.53,0.93)	0.70 (0.53,0.93)	
Knowledge of delivery complications				
Yes	1.00			
No	0.73 (0.59, 0.90)			
Distance to a health facility				
No problem		1.00	1.00	
Not a big problem		0.71 (0.54,0.94)	0.71 (0.54,0.94)	
Big problem		0.87 (0.63,1.2)	0.87 (0.63,1.20)	
Postnatal check-up (PNC)				
0-2 days	1.00			
3-41 days	1.41 (1.02, 1.97)			
No PNC	1.05 (0.75, 1.47)			

If 95% confidence intervals (CI) around AORs that lies between 1.00 indicate not statistically significant

Table S5. Factors associated with no ANC in Central India states.

States	Uttar Pradesh	Chattisgarh	Madhya Pradesh
Variable	AOR (95% CI)	AOR (95% CI)	AOR (95% CI)
Place of delivery			
Home	1.00		
Health facility	1.97 (1.26,3.09)		
Household wealth Index			
Rich		1.00	
Middle		0.87 (0.58,1.32)	
Poor		0.66 (0.47,0.93)	
Mother's education			
Secondary	1.00		
Primary	0.66 (0.43,1.01)		
No schooling	0.46 (0.30,0.69)		
Frequency of reading magazines			
At least once a week			1.00
Less than once a week			0.54 (0.36,0.83)
Not at all			0.44 (0.29,0.66)
Postnatal check-up (PNC)			
0-2 days	1.00		
3-41 days	0.89 (0.58,1.35)		
No PNC	0.57 (0.38,0.86)		

If 95% confidence intervals (CI) around AORs that lies between 1.00 indicate not statistically significant

Table S 6. Factors associated with no ANC in Northeast India states.

States	Sikkim	Arunachal Pradesh	Nagaland	Manipur	Mizoram	Tripura	Meghalaya	Assam
Variable	AOR (95% CI)	AOR (95% CI)	AOR (95% CI)	AOR (95% CI)	AOR (95% CI)	AOR (95% CI)	AOR (95% CI)	AOR (95% CI)
Type of residence								1.00
Urban	1.00							0.56 (0.34,0.93)
Rural	9.67 (2.40,38.91)							
Household wealth Index								

Rich	1.00	1.00		
Middle	1.08 (0.67,1.74)	0.74 (0.51,1.09)		
Poor	2.75 (1.82,4.16)	0.55 (0.41,0.74)		
Frequency of reading magazines				
At least once a week			1.00	
Less than once a week			0.49 (0.23,1.06)	
Not at all			0.33 (0.17,0.64)	
Frequency of watching Television				
At least once a week			1.00	1.00
Less than once a week			1.84 (1.02,3.31)	0.71 (0.45,1.11)
Not at all			1.50 (0.85,2.65)	0.44 (0.27,0.72)
Knowledge of delivery complications				
Yes		1.00		
No		1.49 (1.00,2.21)		
Distance to a health facility				
No problem		1.00		
Not a big problem		1.16 (0.69,1.94)		
Big problem		2.13 (1.21,3.72)		
Contraceptive use				
Yes		1.00		
No		2.46 (1.30,4.66)		

If 95% confidence intervals (CI) around AORs that lies between 1.00 indicate not statistically significant

