

Socio-demographic, economic and behavioural profile

Table 1: Sociodemographic, economic and behavioural profile of the study population, 2017-18, LASI

Variable	Category	Total (N=65562)	
		N	%
Gender	<i>Male</i>	30479	45.9
	<i>Female</i>	35083	54.1
Place of residence	<i>Rural</i>	42424	68.5
	<i>Urban</i>	23138	31.5
Religion	<i>Hindu</i>	48099	82.0
	<i>Muslim</i>	7803	11.5
	<i>Other</i>	9660	6.5
Education Level	<i>No Education</i>	36956	50.6
	<i>Less than 5 years</i>	7478	10.9
	<i>5-9 years</i>	14859	20.4
	<i>10 or more years</i>	12404	18.1
Caste	<i>SC</i>	10959	19.7
	<i>ST</i>	11365	8.8
	<i>OBC</i>	24629	46.7
	<i>Other</i>	16279	24.9
Marital Status	<i>Currently in Union</i>	48769	73.4
	<i>Currently Not in Union</i>	16790	26.7
MPCE Quintile	<i>Poorest</i>	12941	20.9
	<i>Poorer</i>	13190	21.2
	<i>Middle</i>	13163	20.5
	<i>Richer</i>	13210	19.4
	<i>Richest</i>	13058	18.0
Smoke	<i>Currently not smoking</i>	45379	68.7
	<i>Currently smoking</i>	19606	31.3
Alcohol	<i>No</i>	58065	91.2
	<i>Yes</i>	6943	8.8
Obesity	<i>Not obese</i>	60129	93.2
	<i>Obese</i>	5054	6.8

SC: Scheduled caste; ST: Scheduled tribe; OBC: Other backward class; MPCE: Monthly per capita expenditure; N: Frequency; %: Percentage; Samples (N) are unweighted and % are weighted

Prevalence of hypertension and depression

Figure 1 presents the prevalence of hypertension in India and states.

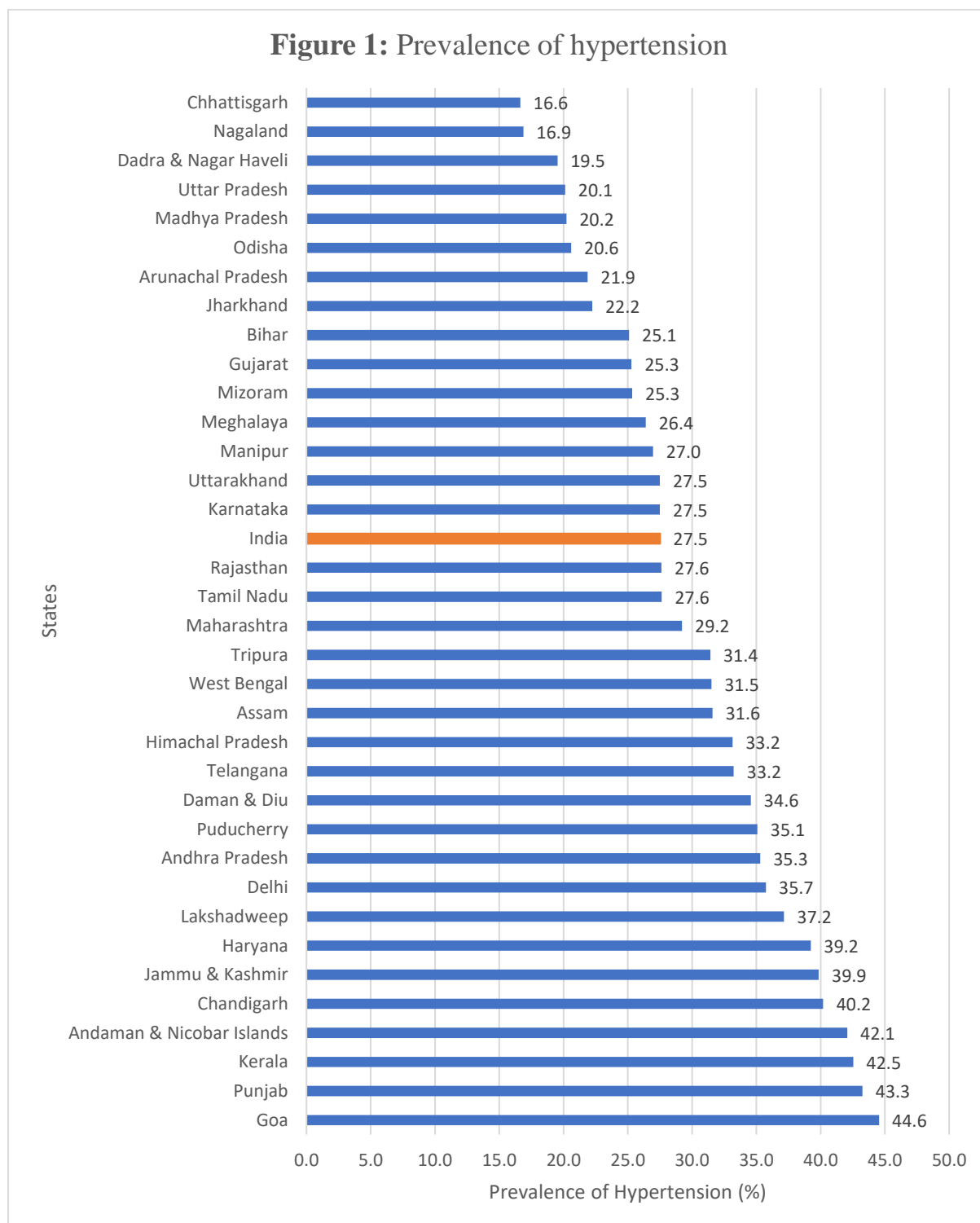


Figure 2: Prevalence of depression

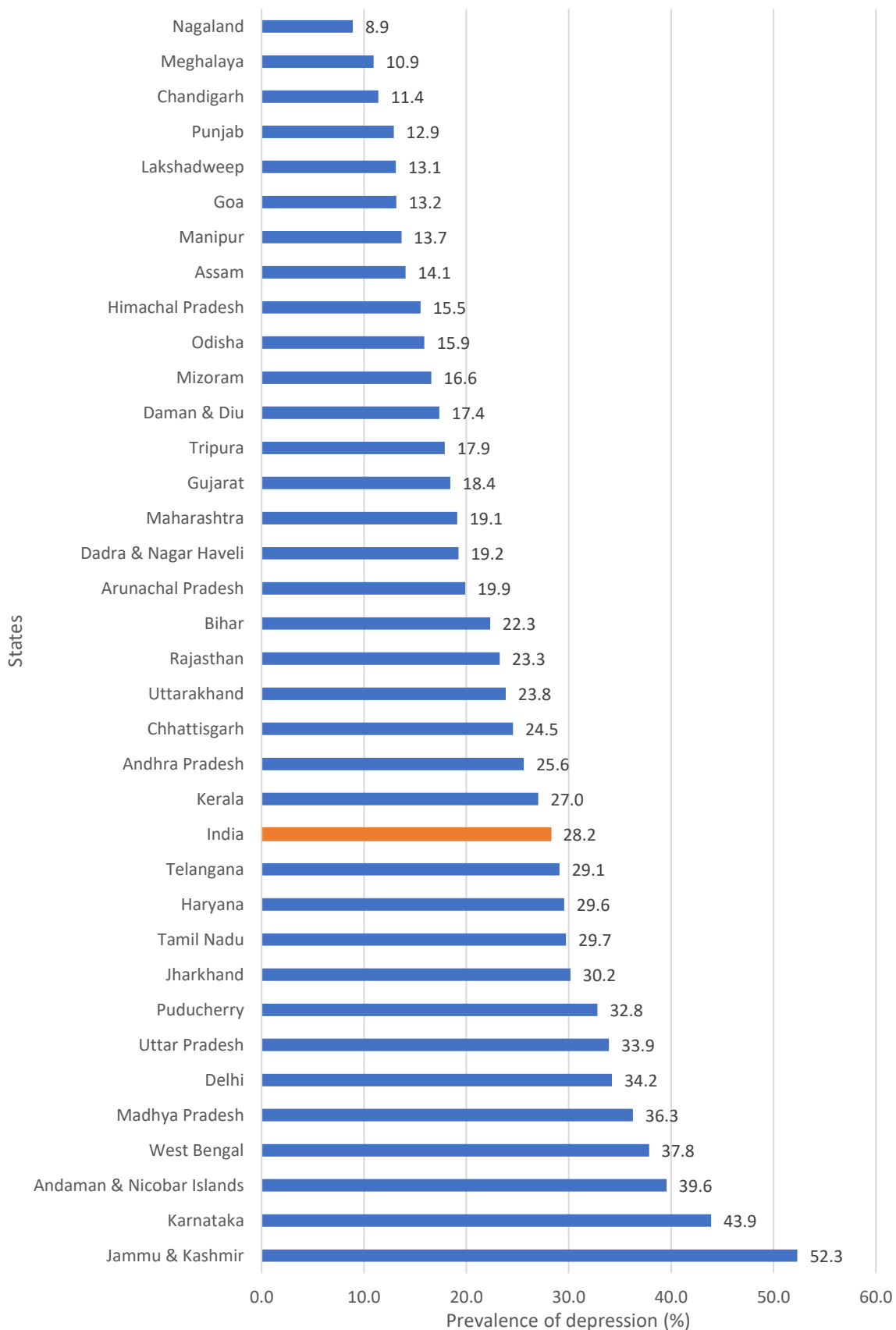


Table 2: Prevalence of hypertension by sociodemographic, economic and behavioural factors in India and state subgroups, 2017-18, LASI

Variable	Category	India	p-value	Pr > India	Pr<India
Gender	<i>Male</i>	23.4	<0.001	28.4	18.5
	<i>Female</i>	31.0		35.3	26.3
Place of residence	<i>Rural</i>	22.7	<0.001	27.9	18.9
	<i>Urban</i>	38.0		39.1	35.0
Age Group	<i>45-59</i>	22.2	<0.001	24.5	19.5
	<i>60 & above</i>	32.8		39.7	25.5
Religion	<i>Hindu</i>	26.2	<0.001	30.9	21.6
	<i>Muslim</i>	34.8		35.7	31.5
	<i>Other</i>	31.5		39.2	17.2
Education Level	<i>No Education</i>	24.4	<0.001	29.2	19.7
	<i>Less than 5 years</i>	27.6		33.2	23.2
	<i>5-9 years</i>	30.0		34.0	24.5
	<i>10 or more years</i>	33.5		36.8	30.0
Caste	<i>SC</i>	24.5	<0.001	29.5	18.4
	<i>ST</i>	15.4		21.5	10.6
	<i>OBC</i>	27.9		31.9	23.5
	<i>Other</i>	32.5		36.2	28.4
Marital Status	<i>Currently in Union</i>	25.5	<0.001	29.7	21.4
	<i>Currently Not in Union</i>	33.0		38.5	26.3
MPCE Quintile	<i>Poorest</i>	21.0	<0.001	28.2	16.1
	<i>Poorer</i>	24.6		30.8	19.8
	<i>Middle</i>	26.7		30.9	23.0
	<i>Richer</i>	30.8		34.3	25.3
	<i>Richest</i>	36.0		36.5	33.6
Smoke	<i>Currently not smoking</i>	30.7	<0.001	35.0	25.8
	<i>Currently smoking</i>	20.4		24.2	16.9
Alcohol	<i>No</i>	28.4	<0.001	33.2	23.3
	<i>Yes</i>	18.3		23.4	12.0
Obesity	<i>Not obese</i>	25.3	<0.001	30.6	20.6
	<i>Obese</i>	51.2		49.6	51.2

Pr: Prevalence; SC: Scheduled caste; ST: Scheduled tribe; OBC: Other backward class; MPCE: Monthly per capita expenditure; N: Frequency; %: Percentage; Samples (N) are unweighted and % are weighted

¹ *Chi-square test*

Table 3: Prevalence of depression by sociodemographic, economic and behavioural factors in India and state subgroups, 2017-18, LASI

Variable	Category	India	p-value	Pr>India	Pr<India
Gender	<i>Male</i>	25.6	<0.001	31.4	18.4
	<i>Female</i>	30.4		37.5	23.0
Place of residence	<i>Rural</i>	29.1	<0.001	36.7	21.9
	<i>Urban</i>	26.4		30.4	18.6
Age Group	<i>45-59</i>	26.3	<0.001	31.9	19.2
	<i>60 & above</i>	30.2		37.6	22.6
Religion	<i>Hindu</i>	28.5	<0.001	34.8	21.1
	<i>Muslim</i>	29.9		34.5	21.0
	<i>Other</i>	22.7		32.1	19.8
Education Level	<i>No Education</i>	32.2	<0.001	39.1	23.9
	<i>Less than 5 years</i>	28.1		37.6	21.0
	<i>5-9 years</i>	24.8		30.2	19.5
	<i>10 or more years</i>	21.0		25.4	14.7
Caste	<i>SC</i>	32.0	<0.001	38.7	23.7
	<i>ST</i>	25.8		35.4	22.7
	<i>OBC</i>	28.6		34.1	21.0
	<i>Other</i>	25.1		31.4	18.0
Marital Status	<i>Currently in Union</i>	25.7	<0.001	32.1	18.6
	<i>Currently Not in Union</i>	35.2		41.4	28.0
MPCE Quintile	<i>Poorest</i>	30.5	<0.001	39.0	22.0
	<i>Poorer</i>	27.7		34.6	20.6
	<i>Middle</i>	29.3		35.2	19.8
	<i>Richer</i>	26.0		30.3	21.1
	<i>Richest</i>	27.5		33.9	21.2
Smoke	<i>Currently not smoking</i>	28.3	0.444	34.5	20.6
	<i>Currently smoking</i>	28.1		35.0	21.6
Alcohol	<i>No</i>	28.4	<0.001	34.8	21.2
	<i>Yes</i>	27.0		33.8	18.4
Obesity	<i>Not obese</i>	28.0	0.003	34.6	21.0
	<i>Obese</i>	22.5		27.2	18.2

Pr: Prevalence; SC: Scheduled caste; ST: Scheduled tribe; OBC: Other backward class; MPCE: Monthly per capita expenditure; N: Frequency; %: Percentage; Samples (N) are unweighted and % are weighted

¹ *Chi-square test*

Table 4: Multivariable logistic regression estimates for hypertension by sociodemographic, economic and behavioural factors

Variable	Category	India AOR	Pr> India AOR	Pr<India AOR
Gender	<i>Male</i> ®	1.00	1.00	1.00
	<i>Female</i>	1.41*** (1.28,1.55)	1.28*** (1.16,1.42)	1.59*** (1.31,1.93)
Place of residence	<i>Rural</i> ®	1.00	1.00	1.00
	<i>Urban</i>	1.61*** (1.46,1.78)	1.49*** (1.35,1.64)	1.74*** (1.42,2.13)
Age Group	<i>45-59</i> ®	1.00	1.00	1.00
	<i>60 & above</i>	1.96*** (1.8,2.14)	2.13*** (1.95,2.33)	1.81*** (1.54,2.13)
Religion	<i>Hindu</i> ®	1.00	1.00	1.00
	<i>Muslim</i>	1.33*** (1.17,1.51)	1.15 (0.99,1.35)	1.48*** (1.18,1.85)
	<i>Others</i>	1.23* (1.01,1.48)	1.26*** (1.1,1.43)	0.47 (0.17,1.29)
Education Level	<i>No Education</i> ®	1.00	1.00	1.00
	<i>Less than 5 years</i>	1.27*** (1.14,1.42)	1.18* (1.02,1.36)	1.36** (1.1,1.69)
	<i>5-9 years</i>	1.36*** (1.21,1.53)	1.25*** (1.11,1.42)	1.5** (1.17,1.94)
	<i>10 or more years</i>	1.31*** (1.13,1.52)	1.26*** (1.1,1.46)	1.41* (1.06,1.87)
Caste	<i>Others</i> ®	1.00	1.00	1.00
	<i>SC</i>	0.93 (0.84,1.04)	0.98 (0.86,1.13)	0.87 (0.71,1.06)
	<i>ST</i>	0.59*** (0.51,0.68)	0.72** (0.59,0.89)	0.53*** (0.4,0.7)
	<i>OBC</i>	0.89* (0.81,0.99)	0.93 (0.83,1.03)	0.91 (0.76,1.08)
Marital Status	<i>Currently in Union</i> ®	1.00	1.00	1.00
	<i>Currently Not in Union</i>	1.19*** (1.08,1.32)	1.17** (1.06,1.29)	1.23* (1.03,1.48)
MPCE Quintile	<i>Poorest</i> ®	1.00	1.00	1.00
	<i>Poorer</i>	1.22*** (1.09,1.37)	1.13 (0.98,1.31)	1.29* (1.04,1.6)
	<i>Middle</i>	1.34*** (1.19,1.5)	1.16* (1,1.33)	1.47*** (1.19,1.83)
	<i>Richer</i>	1.59*** (1.39,1.81)	1.38*** (1.19,1.59)	1.67*** (1.29,2.16)
	<i>Richest</i>	1.82*** (1.59,2.08)	1.44*** (1.24,1.66)	2.21*** (1.68,2.9)
Smoke	<i>Currently not smoking</i> ®	1.00	1.00	1.00
	<i>Currently smoking</i>	0.77*** (0.71,0.83)	0.73*** (0.65,0.82)	0.8** (0.7,0.93)
Alcohol	<i>No</i> ®	1.00	1.00	1.00
	<i>Yes</i>	0.88* (0.79,0.99)	0.91 (0.78,1.06)	0.72* (0.56,0.93)
Obesity	<i>Not obese</i> ®	1.00	1.00	1.00
	<i>Obese</i>	2.25*** (1.89,2.67)	1.91*** (1.66,2.19)	2.77*** (1.93,3.99)

AOR: Adjusted odd ratio; SC: Scheduled caste; ST: Scheduled tribe; OBC: Other backward class;

MPCE: Monthly per capita expenditure; N: Frequency; %: Percentage

® Reference category; * $p < 0.05$; ** $p < 0.005$; *** $p < 0.001$

Table 5: Multivariable logistic regression estimates for depression by sociodemographic, economic and behavioural factors

Variable	Category	India AOR	Pr > India AOR	Pr < India AOR
Gender	<i>Male</i> ®	1.00	1.00	1.00
	<i>Female</i>	1.13* (1.02,1.26)	1.23*** (1.09,1.38)	1.15* (1.02,1.28)
Place of residence	<i>Rural</i> ®	1.00	1.00	1.00
	<i>Urban</i>	0.94 (0.85,1.05)	0.85** (0.76,0.95)	0.9 (0.81,1.01)
Age Group	<i>45-59</i> ®	1.00	1.00	1.00
	<i>60 & above</i>	1.07 (1,1.16)	1.16** (1.05,1.27)	1.04 (0.95,1.14)
Religion	<i>Hindu</i> ®	1.00	1.00	1.00
	<i>Muslim</i>	1.13 (0.99,1.28)	1.03 (0.87,1.22)	1.02 (0.88,1.17)
	<i>Others</i>	0.71*** (0.61,0.82)	0.94 (0.7,1.25)	0.84* (0.73,0.98)
Education Level	<i>No Education</i> ®	1.00	1.00	1.00
	<i>Less than 5 years</i>	0.9* (0.81,1)	1.05 (0.91,1.23)	0.93 (0.81,1.08)
	<i>5-9 years</i>	0.82*** (0.74,0.9)	0.83** (0.73,0.94)	0.93 (0.82,1.06)
	<i>10 or more years</i>	0.71*** (0.58,0.86)	0.69*** (0.57,0.83)	0.72*** (0.61,0.85)
Caste	<i>Others</i> ®	1.00	1.00	1.00
	<i>SC</i>	1.25*** (1.13,1.39)	1.15 (1,1.32)	1.27*** (1.1,1.46)
	<i>ST</i>	0.94 (0.82,1.08)	0.99 (0.78,1.26)	1.16 (0.98,1.37)
	<i>OBC</i>	1.07 (0.97,1.19)	1.01 (0.9,1.15)	1.1 (0.98,1.24)
Marital Status	<i>Currently in Union</i> ®	1.00	1.00	1.00
	<i>Currently Not in Union</i>	1.39*** (1.27,1.52)	1.28*** (1.15,1.42)	1.53*** (1.37,1.71)
MPCE Quintile	<i>Poorest</i> ®	1.00	1.00	1.00
	<i>Poorer</i>	0.91 (0.83,1.01)	0.86* (0.75,0.98)	0.96 (0.83,1.1)
	<i>Middle</i>	0.98 (0.86,1.12)	0.87* (0.75,1)	0.97 (0.84,1.11)
	<i>Richer</i>	0.87** (0.78,0.97)	0.76*** (0.66,0.88)	1.01 (0.87,1.17)
	<i>Richest</i>	0.98 (0.86,1.11)	0.93 (0.8,1.08)	1.06 (0.91,1.24)
Smoke	<i>Currently not smoking</i> ®	1.00	1.00	1.00
	<i>Currently smoking</i>	1.01 (0.94,1.09)	1.04 (0.94,1.16)	1.08 (0.97,1.2)
Alcohol	<i>No</i> ®	1.00	1.00	1.00
	<i>Yes</i>	1.04 (0.92,1.17)	1.06 (0.9,1.24)	0.92 (0.78,1.09)
Obesity	<i>Not obese</i> ®	1.00	1.00	1.00
	<i>Obese</i>	0.81* (0.66,1)	0.79* (0.64,0.98)	0.95 (0.79,1.13)

AOR: Adjusted odd ratio; SC: Scheduled caste; ST: Scheduled tribe; OBC: Other backward class;

MPCE: Monthly per capita expenditure; N: Frequency; %: Percentage

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