Supplementary table 1 Background characteristics of barriers to healthcare access among women in Bangladesh and Crude odds ratio (n = 20,127)

characteristics	Permission COR [95%CI]	Money COR [95%CI]	Distance COR [95%CI]	Alone COR [95%CI]	At least one barrier COR [95%CI]
Age					
15-19	1.23 [1.04-1.46]*	0.54 [0.48-0.61]***	0.90 [0.80-1.01]	1.31 [1.16-1.47]***	0.88 [0.77-1.00]
20-24	0.88 [0.75-1.03]	0.57 [0.51-0.64]***	0.86 [0.77-0.96]**	0.93 [0.84-1.04]	0.67 [0.60-0.75]***
25-29	0.90 [0.77-1.05]	0.70 [0.63-0.78]***	0.90 [0.81-1.00]*	0.88 [0.79-0.98]*	0.76 [0.68-0.85]***
30-34	0.78 [0.67-0.92]**	0.82 [0.74-0.91]***	0.98 [0.88-1.09]	0.85 [0.77-0.95]**	0.80 [0.71-0.89]***
35-39	0.87 [0.74-1.03]	0.91 [0.82-1.02]	0.98 [0.88-1.10]	0.86 [0.77-0.97]*	0.86 [0.77-0.97]
40-44	0.75 [0.62-0.89]**	0.92 [0.82-1.03]	0.94 [0.84-1.06]	0.93 [0.83-1.05]	0.89 [0.79-1.01]
45-49	Ref	Ref	Ref	Ref	Ref
Marital status					
Married	-	Ref			Ref
Widowed	-	1.87 [1.59-2.20]***	-	-	1.28 [1.07-1.53]**
Divorced	-	1.79 [1.43-2.26]***	-	-	1.10 [0.86-1.40]
No longer living together /separated	-	2.15 [1.64-2.83]***	-	-	1.36 [1.01-1.84]*
Educational level					
No education	Ref	Ref	Ref	Ref	Ref
Primary	0.90 [0.80-1.02]	0.70 [0.64-0.76]***	0.83 [0.76-0.90]***	0.94 [0.87-1.02]	0.80 [0.73-0.88]***
Secondary	0.82 [0.73-0.92]**	0.37 [0.34-0.41]***	0.65 [0.60-0.71]***	0.83 [0.77-0.90]***	0.52 [0.48-0.57]***
Higher	0.45 [0.37-0.54]***	0.15 [0.13-0.17]***	0.40 [0.35-0.44]***	0.49 [0.44-0.55]***	0.25 [0.22-0.28]***
Occupation					
Not working	Ref	Ref	Ref	Ref	Ref
Professional /technical /managerial	0.37 [0.24-0.58]***	0.25 [0.18-0.34]***	0.47 [0.37-0.60]***	0.36 [0.28-0.46]***	0.34 [0.28-0.43]***
Sales	0.88 [0.62-1.24]	1.26 [1.00-1.58]*	0.96 [0.76-1.21]	0.69 [0.54-0.87]**	0.96 [0.76-1.21]
Agricultural	0.79 [0.72-0.87]***	1.77 [1.66-1.89]***	1.44 [1.36-1.54]***	1.23 [1.15-1.31]***	1.73 [1.62-1.86]***
Household and domestic	0.81 [0.58-1.13]	3.75 [2.99-4.70]***	1.17 [0.95-1.45]	0.93 [0.76-1.15]	1.72 [1.36-2.19]***
Services	0.68 [0.54-0.86]**	1.51 [1.31-1.73]***	0.87 [0.75-1.00]	0.78 [0.67-0.89]***	1.01 [0.88-1.17]
Manual	0.58 [0.48-0.70]***	1.41 [1.26-1.56]***	0.93 [0.84-1.04]	0.85 [0.76-0.95]**	1.15 [1.03-1.29]*
Religion					
Islam	-	Ref	Ref	Ref	Ref

Hinduism	-	1.18 [1.07-1.30]**	1.21 [1.10-1.34]***	1.19 [1.07-1.31]**	1.22 [1.10-1.36]***
Other (Buddhism & Christianity)	-	2.16 [1.55-3.01]***	1.71 [1.24-2.36]**	1.35 [0.98-1.87]	2.00 [1.34-2.99]**
Covered by health insurance					
No	-	-	-	-	-
Yes	-	-	-	-	-
Frequency of listening to radio					
Not at all	-	Ref	Ref	Ref	Ref
Less than once a week	-	0.45 [0.37-0.54]***	0.67 [0.56-0.80]***	0.83 [0.70-0.98]*	0.59 [0.49-0.69]***
At least once a week	-	0.45 [0.36-0.56]***	0.59 [0.48-0.73]***	0.72 [0.58-0.87]**	0.57 [0.47-0.69]***
Frequency of reading newspaper or magazine					
Not at all	Ref	Ref	Ref	Ref	Ref
Less than once a week	0.62 [0.50-0.77]***	0.32 [0.28-0.37]***	0.53 [0.46-0.60]***	0.58 [0.51-0.65]***	0.41 [0.36-0.46]***
At least once a week	0.39 [0.28-0.56]***	0.22 [0.18-0.27]***	0.41 [0.34-0.50]***	0.36 [0.30-0.43]***	0.26 [0.22-0.30]***
Frequency of watching television					
Not at all	Ref	Ref	Ref	Ref	Ref
Less than once a week	1.22 [1.06-1.41]**	0.84 [0.76-0.93]**	0.75 [0.68-0.83]***	0.75 [0.68-0.83]***	0.84 [0.75-0.94]**
At least once a week	0.78 [0.71-0.86]***	0.48 [0.45-0.51]***	0.57 [0.53-0.60]***	0.66 [0.62-0.70]***	0.52 [0.49-0.55]***
Owns a mobile telephone					
No	Ref	Ref	Ref	Ref	Ref
Yes	0.72 [0.66-0.79]***	0.53 [0.50-0.56]***	0.73 [0.69-0.77]***	0.71 [0.67-0.75]***	0.56 [0.52-0.59]***
Sex of household head					
Male	-	-	-	Ref	-
Female	-	-	-	0.89 [0.83-0.97]**	-
Wealth index					
Poorest	Ref	Ref	Ref	Ref	Ref
Poorer	0.86 [0.75-0.98]*	0.63 [0.58-0.69]***	0.75 [0.69-0.82]***	0.89 [0.81-0.97]**	0.76 [0.69-0.85]***
Middle	0.94 [0.82-1.07]	0.40 [0.36-0.44]***	0.61 [0.56-0.67]***	0.81 [0.74-0.89]***	0.53 [0.48-0.59]***
Richer	0.78 [0.68-0.89]***	0.28 [0.26-0.31]***	0.48 [0.44-0.53]***	0.73 [0.67-0.80]***	0.42 [0.38-0.47]***

Richest	0.51 [0.44-0.59]***	0.17 [0.16-0.19]***	0.32 [0.29-0.35]***	0.48 [0.44-0.52]***	0.25 [0.22-0.27]***
Residence					
Urban	Ref	Ref	Ref	Ref	Ref
Rural	1.54 [1.39-1.71]***	1.42 [1.33-1.51]***	1.82 [1.71-1.94]***	1.55 [1.46-1.65]***	1.73 [1.63-1.85]***
Region					
Dhaka	Ref	Ref	Ref	Ref	Ref
Barisal	1.39 [1.10-1.75]**	0.77 [0.67-0.89]***	0.64 [0.56-0.74]***	0.76 [0.66-0.88]***	0.66 [0.56-0.77]***
Chittagong	1.45 [1.16-1.82]**	0.84 [0.73-0.96]*	0.71 [0.62-0.81]***	0.81 [0.71-0.93]**	0.75 [0.65-0.87]***
Khulna	1.11 [0.87-1.43]	1.01 [0.87-1.17]	0.83 [0.72-0.97]*	1.01 [0.87-1.17]	1.03 [0.88-1.22]
Mymensingh	0.80 [0.60-1.07]	1.21 [1.03-1.42]*	0.75 [0.63-0.88]***	0.84 [0.71-0.98]*	0.86 [0.72-1.03]
Rajshahi	1.11 [0.87-1.42]	0.73 [0.63-0.84]***	0.58 [0.50-0.67]***	0.70 [0.61-0.81]***	0.70 [0.60-0.82]***
Rangpur	1.66 [1.31-2.11]***	1.28 [1.10-1.14]**	0.87 [0.75-1.01]	0.93 [0.80-1.08]	1.14 [0.96-1.34]
Sylhet	1.36 [1.03-1.79]*	0.96 [0.81-1.14]	0.88 [0.74-1.04]	0.95 [0.80-1.13]	0.86 [0.71-1.03]
Not dejure resident	1.37 [1.06-1.77]*	0.60 [0.51-0.71]***	0.60 [0.52-0.71]***	0.79 [0.67-0.92]**	0.56 [0.47-0.66]***

*p<0.05, **<0.01, ***<0.001

COR: crude odds ratio