

Online Supplement 2: Could changing invitation and booking processes help women translate their cervical screening intentions into action? A population-based survey of women's preferences in Great Britain.

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Table S1:

Descriptives for acceptability of cervical screening invitation modalities (n=614)

	Very unacceptable/Quite unacceptable	Neither unacceptable or acceptable	Quite acceptable/Very acceptable	Don't know/ not applicable (Excluded)
	N (%)	N (%)	N (%)	N (%)
Posted letter	14 (2.3)	31 (5.0)	90.1 (90.1)	16 (2.6)
Text-message	65 (10.6)	50 (8.1)	482 (78.5)	17 (2.8)
Email	95 (15.5)	52 (8.5)	445 (72.5)	22 (3.6)
Mobile phone call	92 (15.0)	53 (8.6)	453 (73.8)	16 (2.6)
Landline phone call	132 (21.5)	85 (13.8)	359 (58.5)	38 (6.2)

Table S2:

Descriptives for likelihood of using different phone-based and online booking methods (n=614)

	Very unlikely/Quite unlikely	Neither unlikely or likely	Quite likely/Very likely	Don't know/ not applicable (Excluded)
	N (%)	N (%)	N (%)	N (%)
Calling the GP	21 (3.4)	25 (4.1)	550 (89.6)	18 (2.9)
Calling a 24-hour automated service	182 (29.6)	91 (14.8)	317 (51.6)	24 (3.9)
Requesting a call-back	164 (26.7)	79 (12.9)	350 (57.0)	21 (3.4)
Booking on a website using a desktop/laptop	172 (28.0)	62 (10.1)	355 (57.8)	25 (4.1)
Booking on a website using a smartphone ^a	141 (26.5)	44 (8.3)	328 (61.5)	20 (3.8)
Downloading an app to your smartphone ^a	185 (34.7)	56 (10.5)	276 (51.8)	16 (3.0)

^a participants with no smartphone removed from analyses (n = 81)

Table S3

Multivariable logistic regression models of predictors of the acceptability of cervical screening invitation modalities

	Posted letter (n=597)	Text-message (n=596)	Email (n=591)	Mobile phone call (n=597)	Landline phone call (n=575)
	OR (95% CI)	OR (95% CI)	OR (95% CI)	OR (95% CI)	OR (95% CI)
Age group					
25-34	1.00	1.00	1.00	1.00	1.00
35-44	0.71 (0.30-1.68)	0.79 (0.44-1.44)	0.73 (0.43-1.23)	0.86 (0.50-1.50)	1.16 (0.73-1.83)
45-54	0.40 (0.17-0.92)*	0.60 (0.33-1.09)	0.70 (0.41-1.20)	0.49 (0.29-0.84)**	0.65 (0.41-1.05)
55-64	1.06 (0.31-3.66)	0.28 (0.15-0.55)***	0.36 (0.19-0.66)**	0.48 (0.26-0.87)*	0.93 (0.53-1.62)
Social grade					
AB	1.00	1.00	1.00	1.00	1.00
C1	1.00 (0.42-2.36)	1.16 (0.63-2.11)	0.75 (0.41-1.38)	1.25 (0.74-2.11)	1.15 (0.71-1.88)
C2	3.47 (1.05-11.47)*	0.97 (0.53-1.77)	0.57 (0.31-1.03)	2.37 (1.32-4.23)**	1.84 (1.10-3.06)*
D	2.11 (0.63-7.04)	1.71 (0.80-3.65)	0.81 (0.40-1.62)	1.85 (0.97-3.51)	1.83 (1.02-3.27)*
E	0.57 (0.17-1.87)	0.84 (0.36-1.93)	0.30 (0.14-0.65)**	2.69 (1.17-6.16)*	1.93 (0.94-3.97)
Employment					
Employed	1.00	1.00	1.00	1.00	1.00
Unemployed	0.90 (0.35-2.30)	1.34 (0.73-2.44)	1.05 (0.62-1.80)	1.27 (0.73-2.23)	1.46 (0.90-2.37)
Other (studying/retired)†	-	-	-	-	-
Ethnicity					
White	1.00	1.00	1.00	1.00	1.00
All other groups	0.39 (0.17-0.90)*	2.09 (0.86-5.08)	2.85 (1.24-6.57)*	1.34 (0.67-2.72)	1.31 (0.73-2.36)
Caring responsibilities					
No	1.00	1.00	1.00	1.00	1.00
Yes	1.50 (0.76-2.96)	0.95 (0.60-1.51)	1.10 (0.72-1.70)	1.52 (1.00-2.32)	1.14 (0.78-1.67)

Note. Reference group: 'unacceptable/ambivalent'. OR= adjusted odds ratio; CI= confidence interval; *p<0.05, **p<0.01, ***p<0.001; 'screening status' and 'practical barriers' variables not included because not significant in univariable analyses; †category not included due to insufficient cases

Table S4

Multivariable logistic regression models of predictors of phone-based booking preferences

	Calling the GP (n=596)	Calling a 24-hour automated service (n=590)	Requesting a call-back (n=593)
	OR (95% CI)	OR (95% CI)	OR (95% CI)
Age group			
25-34	1.00	1.00	1.00
35-44	1.05 (0.47-2.36)	0.69 (0.45-1.06)	1.05 (0.68-1.63)
45-54	0.60 (0.27-1.35)	0.50 (0.31-0.79)**	0.65 (0.41-1.02)
55-64	0.96 (0.34-2.75)	0.46 (0.27-0.78)**	1.30 (0.76-2.22)
Caring responsibilities			
No	1.00	1.00	1.00
Yes	0.84 (0.43-1.67)	0.92 (0.64-1.33)	1.74 (1.20-2.52)**
Screening status			
Intender	1.00	1.00	1.00
Maintainer	1.31 (0.70-2.43)	0.94 (0.67-1.32)	0.63 (0.45-0.90)*
Practical barriers			
0 barriers	1.00	1.00	1.00
1 barrier	1.00 (0.43-2.33)	0.83 (0.54-1.26)	0.73 (0.48-1.13)
2 barriers	1.05 (0.42-2.60)	1.24 (0.79-1.96)	1.21 (0.76-1.93)
3 or more barriers cited	0.35 (0.15-0.83)*	1.59 (0.91-2.78)	1.17 (0.67-2.07)

Note. Reference group: 'not likely to use/ambivalent' OR= adjusted odds ratio; CI= confidence interval; *p<0.05, **p<0.01, ***p<0.001; 'social grade', 'employment' and 'ethnicity' not included because not significant in univariable analyses

Table S5

Multivariable logistic regression models of predictors of online booking preferences

	Booking on a website using a desktop/laptop (n=589)	Booking on a website using a smartphone ^a (n=513)	Downloading an app to your smartphone ^a (n=517)
	OR (95% CI)	OR (95% CI)	OR (95% CI)
Age group			
25-34	1.00	1.00	1.00
35-44	0.60 (0.38-0.95)*	0.59 (0.34-0.92)*	0.52 (0.33-0.82)**
45-54	0.52 (0.32-0.85)**	0.36 (0.21-0.61)***	0.35 (0.21-0.58)***
55-64	0.32 (0.18-0.55)***	0.25 (0.13-0.47)***	0.23 (0.12-0.44)***
Social grade			
AB	1.00	1.00	1.00
C1	0.59 (0.35-0.99)*	0.67 (0.38-1.18)	0.91 (0.54-1.54)
C2	0.51 (0.30-0.87)*	0.47 (0.26-0.83)*	0.82 (0.47-1.41)
D	0.47 (0.26-0.86)*	0.39 (0.20-0.73)**	0.62 (0.34-1.14)
E	0.34 (0.17-0.68)**	0.41 (0.18-0.94)*	0.76 (0.34-1.69)
Employment			
Employed	1.00	1.00	1.00
Unemployed	0.85 (0.54-1.35)	0.84 (0.50-1.41)	0.79 (0.48-1.31)
Other (studying/retired)	0.91 (0.42-1.97)	0.55 (0.22-1.35)	0.35 (0.13-0.91)*
Practical barriers			
0 barriers	1.00	1.00	1.00
1 barrier	1.35 (0.87-2.08)	1.18 (0.73-1.91)	1.21 (0.75-1.93)
2 barriers	1.67 (1.04-2.69)*	1.52 (0.90-2.54)	1.66 (1.00-2.73)*
3 or more barriers	2.07 (1.15-3.73)*	2.74 (1.41-5.33)**	2.46 (1.00-2.73)**

Note. Reference group: 'not likely to use/ambivalent' OR= adjusted odds ratio; CI= confidence interval; *p<0.05, **p<0.01, ***p<0.001; ^a participants with no smartphone removed from analyses (n = 81); 'ethnicity', 'caring responsibilities' and 'screening status' not included because not significant in univariable analyses