

Appendix
Deaf Women's Health: Adherence to Breast and Cervical Cancer Screening Recommendations
Kushalnagar et al.

Appendix Table 1. Summary of Binary Logistic Regression Analysis for Adherence in Deaf Women With Multiple Imputation

Variable	Pap smear adherence ^a	Mammogram adherence ^a
	(n=529) AOR (95% CI)	(n=324) AOR (95% CI)
Age ^b	0.995 (0.976, 1.014)	1.077*** (1.041, 1.114)
Race/ethnicity ^c		
Black	1.523 (0.794, 2.919)	4.909** (1.637, 14.720)
Hispanic	1.684 (0.870, 3.261)	1.559 (0.613, 3.968)
College graduate ^c	1.228 (0.758, 1.990)	1.204 (0.639, 2.271)
Income ^c		
Middle SES	1.068 (0.660, 1.728)	0.944 (0.505, 1.764)
Upper SES	0.854 (0.400, 1.820)	0.926 (0.348, 2.460)
Marital status ^c		
In partnership	1.899* (1.140, 3.162)	1.217 (0.538, 2.755)
Previously in partnership, now single	2.292* (1.094, 4.805)	1.658 (0.796, 3.455)
Health insurance ^c	1.985 (0.623, 6.231)	0.635 (0.153, 2.625)
Regular provider ^c	1.320 (0.850, 2.051)	1.446 (0.807, 2.590)
Personal history of cancer ^c	1.468 (0.666, 3.237)	1.337 (0.652, 2.743)
Family history of cancer ^c	0.936 (0.559, 1.566)	1.364 (0.720, 2.581)
Prefer to use only ASL ^c	1.294 (0.834, 2.007)	0.566* (0.325, 0.987)

Notes: Boldface indicates statistical significance (* $p < 0.05$; ** $p < 0.01$; *** $p < 0.001$).

^aNonadherence used as a reference category.

^bAge is a continuous variable.

^cReference categories were: white, high school degree or less, lower SES, single, no health insurance, no regular provider, no personal history of cancer, no family history of cancer, and prefer to use both ASL and English.

ASL, American Sign Language.

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Appendix Table 2. Sociodemographic Characteristics of Overall Age-eligible Sample Who Answered the Cancer Screening Questions^a

Variable	Pap smear screening (n=1,648)		χ^2 (p-value)	Mammogram screening (n=1,410)		χ^2 (p-value)
	Adhered (n=1,371) n (%)	Did not adhere (n=277) n (%)		Adhered (n=1,136) n (%)	Did not adhere (n=274) n (%)	
Age, years, mean (SD)	45 (13)	46 (14)	-1.43 ^b (0.15)	58 (9)	55 (10)	4.92^b (<0.001)
BMI, mean (SD)	28 (7)	29 (8)	-1.75 ^b (0.08)	29 (7)	30 (8)	-1.39 ^b (0.16)
Race/Ethnicity			0.55 (0.76)			3.54 (0.17)
White	866 (65)	176 (65)		732 (68)	188 (72)	
Black	267 (20)	50 (19)		225 (21)	41 (16)	
Hispanic	194 (15)	43 (16)		117 (11)	31 (12)	
Education			9.06 (<0.01)			4.65 (<0.04)
High school graduate	567 (42)	141 (52)		575 (51)	158 (58)	
College graduate	791 (58)	132 (48)		552 (49)	113 (42)	
Income			17.73 (<0.001)			5.84 (0.05)
Low SES	455 (34)	119 (44)		386 (34)	105 (39)	
Middle SES	587 (43)	118 (43)		484 (43)	122 (45)	
Upper SES	313 (23)	35 (13)		252 (23)	43 (16)	
Marital status			36.21 (<0.001)			9.29 (<0.01)
Single	324 (24)	111 (41)		151 (14)	50 (18)	
Previously in partnership, now single	290 (21)	58 (21)		361 (32)	99 (37)	
In partnership	738 (55)	103 (38)		610 (54)	120 (45)	
Health insurance			11.81 (<0.001)			14.50 (<0.001)
Yes	1,268 (95)	246 (90)		1,066 (96)	244 (91)	
No/not sure	62 (5)	27 (10)		39 (4)	24 (9)	
Regular provider			12.70 (<0.001)			26.77 (<0.001)
Yes	897 (67)	154 (56)		831 (75)	159 (59)	
No	433 (33)	120 (44)		275 (25)	109 (41)	
Personal history of cancer			0.66 (0.42)			3.14 (0.08)

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Yes	154 (11)	36 (13)	223 (20)	41 (15)
No	1,206 (89)	240 (87)	906 (80)	231 (85)
Family history of cancer	0.03 (0.87)		2.44 (0.12)	
Yes	1,012 (75)	205 (74)	848 (76)	190 (71)
No/Not sure	342 (25)	71 (26)	275 (24)	78 (29)
Hearing status	12.53 (<0.001)		6.58 (<0.01)	
Deaf	415 (30)	114 (41)	245 (22)	79 (29)
Hearing	956 (70)	163 (59)	891 (78)	195 (71)

^aPercentages are determined by total number of responses (in parentheses) to each question.

^b*t*-test.