

Supplemental Table 1. Impact of cancer-related program activity, effects, and content on screening outcomes in the past year, adjusted for demographics and systems events

Outcomes without Mediators	Colorectal Screening (N=3642)			Mammograms (N=2650)			Cervical Screening (N=4593)			Tobacco Quit Attempts (N=1402)		
	OR	95% CI for OR		OR	95% CI for OR		OR	95% CI for OR		OR	95% CI for OR	
		Lower	Upper		Lower	Upper		Lower	Upper		Lower	Upper
Indicators of Program Activity												
Cumulative Local Programs												
Cumulative Attendance							0.91	0.87	0.97	1.15	1.03	1.28
Cumulative Outside Programs												
Time since most Recent Program												
Likelihood of Awareness												
Sub-Group-Specific Program Effects												
Local Programs x Latino	1.03	1.00	1.06							1.12	1.05	1.20
Local Programs x Asian				1.03	1.00	1.07						
Most Recent x Born in US												
Most Recent x Latino												
Most Recent x Asian										1.42	1.03	1.96
Program Content Areas												
Breast/Cervical CA							1.05	1.01	1.10			
Sexual Risk x White												
Cervical CA x White												
Tobacco Risk x Latino										0.38	0.17	0.85
Demographics												
Age	1.51	1.40	1.63	1.19	1.11	1.28	0.94	0.90	0.97	0.90	0.84	0.97
Gender												
Asian	0.66	0.54	0.81	0.54	0.41	0.71	0.40	0.34	0.48			
U.S. Black												
White				0.66	0.55	0.81	0.61	0.52	0.71			
Latino												
African										5.62	1.60	19.74
Born in US										1.62	1.22	2.15
HS Grad	1.22	1.03	1.45									
College Grad							1.19	1.04	1.37	0.62	0.47	0.81
Systems Events												
Hospital Closures				0.82	0.70	0.97						

OR=Odds Ratio; **Bolded** values are statistically significant with a Type I error rate of 0.05.

Supplemental Table 2. Impact of cancer-related program activity, effects, and content on screening outcomes in the past year, adjusted for mediators and demographics

Outcomes with Mediators	Colorectal Screening (N=750)			Mammograms (N=1213)			Cervical Screening (N=4461)			Tobacco Quit Attempts (N=459)		
	OR	95% CI for OR		OR	95% CI for OR		OR	95% CI for OR		OR	95% CI for OR	
		Lower	Upper		Lower	Upper		Lower	Upper		Lower	Upper
Indicators of Program Activity												
Cumulative Local Programs												
Cumulative Attendance												
Cumulative Outside Programs												
Time since most Recent Program												
Likelihood of Awareness												
Group-Specific Program Effects												
Attendance x Born in US	1.24	1.03	1.49									
Awareness x Born in US				0.95	0.90	1.00						
Other x Latina				1.13	1.04	1.23	0.99	0.99	1.00			
Local Programs x Latino										1.09	0.96	1.25
Attendance x Latino										1.82	1.11	2.96
Most Recent x Born in US										1.87	1.22	2.85
Most Recent x Latino										0.76	0.54	1.07
Program Content Areas												
Sexual Risk							1.25	0.69	2.27			
Sexual Risk x H.S. Grad							0.41	0.20	0.83			
Tobacco Risk x White										2.07	0.93	4.65
Tobacco Risk x Latino										0.13	0.03	0.65
Demographics												
Age	1.37	1.13	1.66	1.39	1.15	1.69				0.84	0.73	0.97
Gender												
Asian	0.61	0.40	0.93				0.47	0.32	0.68	3.66	1.81	7.38
U.S. Black												
White				0.34	0.19	0.62	0.70	0.50	1.00			
Latino				1.75	1.20	2.56	2.08	1.37	3.15			
African										12.99	1.42	119.04
Born in US							0.68	0.51	0.92			
High School Grad												
College Grad										0.40	0.24	0.68
System Events												
Hospital Closures				0.73	0.51	1.06	0.98	0.74	1.30			

OR=Odds Ratio; **Bolded** values are statistically significant with a Type I error rate of 0.05.