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Planning Prompts to Promote Uptake of HIV Services among Men: A Randomized Trial in Rural Uganda Appendix

Appendix Table 1. Effect of planning prompts on HIV testing uptake among all participants. Main model by ordinary least squares regression with indicated adjustments. N = 2,361.

Planning prompt 0.025 0.15 Reference: Control group (0.017) 0.47 Loss aversion arm 0.021 0.47 Reference: Fixed incentive arm (0.030) 0.01 Lottery arm 0.080 0.01 Reference: Fixed incentive arm (0.030) 0.05 High prize value (0.030) 0.05 Reference: Low prize value (0.004) <0.01 Age (years) 0.004 <0.01 Secondary education -0.038 0.09 Reference: Primary or less education (0.023) 0.09 More than secondary education 0.012 0.73 Reference: Primary or less education (0.034) 0.03 Single -0.052 0.03 Reference: Married/cohabitating (0.023) 0.03	Variable	Beta	<i>P</i> -Value	
Reference: Control group (0.017) 0.15 Loss aversion arm 0.021 0.47 Reference: Fixed incentive arm (0.030) 0.01 Lottery arm 0.080 0.01 Reference: Fixed incentive arm (0.030) 0.05 High prize value (0.030) 0.05 Reference: Low prize value (0.030) <0.05 Age (years) 0.004 <0.01 Secondary education -0.038 0.09 Reference: Primary or less education (0.023) 0.73 More than secondary education 0.012 0.73 Reference: Primary or less education (0.034) 0.03 Single -0.052 0.03 Reference: Married/cohabitating (0.023) 0.03		(Std. Error)		
Control group Control grou		0.025	0.15	
Reference: Fixed incentive arm (0.030) 0.47 Lottery arm 0.080 0.01 Reference: Fixed incentive arm (0.030) 0.01 High prize value 0.059 0.05 Reference: Low prize value (0.030) 0.004 Age (years) (0.001) <0.01 Secondary education -0.038 0.09 Reference: Primary or less education (0.023) 0.73 More than secondary education (0.034) 0.73 Reference: Primary or less education (0.034) 0.03 Single -0.052 0.03 Reference: Married/cohabitating (0.023) 0.03	Reference: Control group	(0.017)	0.13	
Lottery arm 0.080 0.01 Reference: Fixed incentive arm 0.080 0.01 Reference: Fixed incentive arm (0.030) High prize value 0.059 0.05 Reference: Low prize value (0.030) 0.004 Age (years) 0.004 (0.001) Secondary education -0.038 0.09 Reference: Primary or less education (0.023) More than secondary education 0.012 0.73 Reference: Primary or less education (0.034) Single -0.052 0.03 Reference: Married/cohabitating (0.023)	Loss aversion arm	0.021	0.47	
Reference: Fixed incentive arm (0.030) 0.01 High prize value 0.059 0.05 Reference: Low prize value (0.030) <0.01	Reference: Fixed incentive arm	(0.030)	0.47	
Reference: Fixed incentive arm (0.030) High prize value (0.030) (0.030) Reference: Low prize value (0.030) Age (years) (0.004 (0.001) Secondary education -0.038 (0.023) Reference: Primary or less education (0.023) More than secondary education (0.034) Reference: Primary or less education (0.034) Single -0.052 (0.023) Reference: Married/cohabitating (0.023)	Lottery arm	0.080	0.01	
Reference: Low prize value (0.030) 0.05 Age (years) 0.004 (0.001) <0.01	Reference: Fixed incentive arm	(0.030)	0.01	
Reference: Low prize value (0.030) Age (years) 0.004 (0.001) <0.01	High prize value	0.059	0.05	
Age (years) <0.01 Secondary education -0.038 Reference: Primary or less education (0.023) More than secondary education 0.012 Reference: Primary or less education (0.034) Single -0.052 Reference: Married/cohabitating (0.023)	Reference: Low prize value	(0.030)		
Secondary education	Age (years)	0.004	<0.01	
Reference: Primary or less education (0.023) More than secondary education 0.012 Reference: Primary or less education (0.034) Single -0.052 Reference: Married/cohabitating (0.023)		(0.001)		
Reference: Primary or less education (0.023) More than secondary education 0.012 Reference: Primary or less education (0.034) Single -0.052 Reference: Married/cohabitating (0.023)	Secondary education	-0.038	0.09	
Reference: Primary or less education (0.034) Single -0.052 Reference: Married/cohabitating (0.023) 0.73	Reference: Primary or less education	(0.023)		
Reference: Primary or less education (0.034) Single -0.052 Reference: Married/cohabitating (0.023)	More than secondary education	0.012	0.72	
Reference: Married/cohabitating (0.023)	Reference: Primary or less education	(0.034)	0.73	
Reference: Married/cohabitating (0.023)	Single	-0.052	0.03	
	Reference: Married/cohabitating	(0.023)		
Separated/divorced/widowed -0.035	Separated/divorced/widowed	-0.035	0.33	
Reference: Married/cohabitating (0.036)	Reference: Married/cohabitating	(0.036)		
-0.008	Loss aversion arm*High prize value	-0.008	0.84	
Loss aversion arm*High prize value (0.042)		(0.042)		
-0.100	Lottery arm*High prize value	-0.100	0.02	
Lottery arm*High prize value (0.042)		(0.042)	0.02	
0.557	Intercept	0.557	< 0.01	
Intercept (0.037)		(0.037)		

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Appendix Table 2. Effect of planning prompts on HIV testing uptake among all participants. Main models by binomial logistic regression. N = 2,362 (unadjusted) and 2,361 (adjusted).

	Unadjusted model	Adjusted Model	
Variable	Odds ratio	Odds ratio	
	(95% CI)	(95% CI)	
Planning prompt	1.13	1.15	
Reference: Control group	(0.94-1.37)	(0.95-1.40)	
Loss aversion arm		1.13	
Reference: Fixed incentive arm		(0.82-1.55)	
Lottery arm		1.58	
Reference: Fixed incentive arm		(1.13-2.22)	
High prize value		1.39	
Reference: Low prize value		(1.01-1.93)	
		1.03	
Age (years)		(1.02-1.04)	
Secondary education		0.82	
Reference: Primary or less education		(0.65-1.05)	
More than secondary education		1.05	
Reference: Primary or less education		(0.72-1.56)	
Single		0.84	
Reference: Married/cohabitating		(0.66-1.09)	
Separated/divorced/widowed		0.81	
Reference: Married/cohabitating		(0.54-1.25)	
Loss aversion arm*High prize value		0.97	
		(0.60-1.54)	
Lottery arm*High prize value		0.56	
		(0.35-0.91)	
Intercent	2.98	0.85	
Intercept	(2.62-3.41)	(0.55-1.32)	

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Appendix Table 3. Effect of planning prompts on HIV testing uptake within indicated subgroups. Each row presents the results of an ordinary least squares regression without adjustments.

	N	Beta (Std. Error)	<i>P</i> -value
Subgroup: Enrolled ≤40 days before CHCs	586	0.036 (0.033)	0.27
Subgroup: Enrolled >40 days before CHCs	1,775	0.018 (0.021)	0.39
Subgroup: Fixed incentive arm in parent trial	799	0.027 (0.031)	0.38
Subgroup: Loss aversion arm in parent trial	789	0.026 (0.030)	0.39
Subgroup: Lottery arm in parent trial	774	0.014 (0.030)	0.63
Subgroup: Tested for HIV in past 12 months	907	0.045 (0.029)	0.12
Subgroup: Not tested for HIV in past 12 months	1,066	0.018 (0.025)	0.46

Note: 389 participants were missing information on whether they had had an HIV test in the past 12 months. They have been excluded from the subgroup analyses in the last two rows.