

Appendix 2

Mediation analysis: Syntax, conceptual model, statistical model and results of the path model

Mplus syntax:

```
<
variable:
    names = id_num X_SMS_TY C4_PreF0 M_SMS_re Y_F0_per
           C1_Female C2_age60N C3_SES_2 C3_SES_3;
    categorical = M_SMS_re Y_F0_per;! binary outcome and mediator
    usevar = X_SMS_TY C4_PreF0 M_SMS_re Y_F0_per
           C1_Female C2_age60N C3_SES_2 C3_SES_3;;

MISSING ARE ALL(-1234);

Analysis:
    estimator = ml;
    link = probit;

model:
    M_SMS_re on X_SMS_TY
           C1_Female C2_age60N C3_SES_2 C3_SES_3 C4_PreF0;

    Y_F0_per on X_SMS_TY M_SMS_re
           C1_Female C2_age60N C3_SES_2 C3_SES_3 C4_PreF0;

model indirect:
    Y_F0_per ind M_SMS_re X_SMS_TY;

output:
    tech1 tech8 sampstat patterns cinterval;
```

Figure 1
The conceptual model

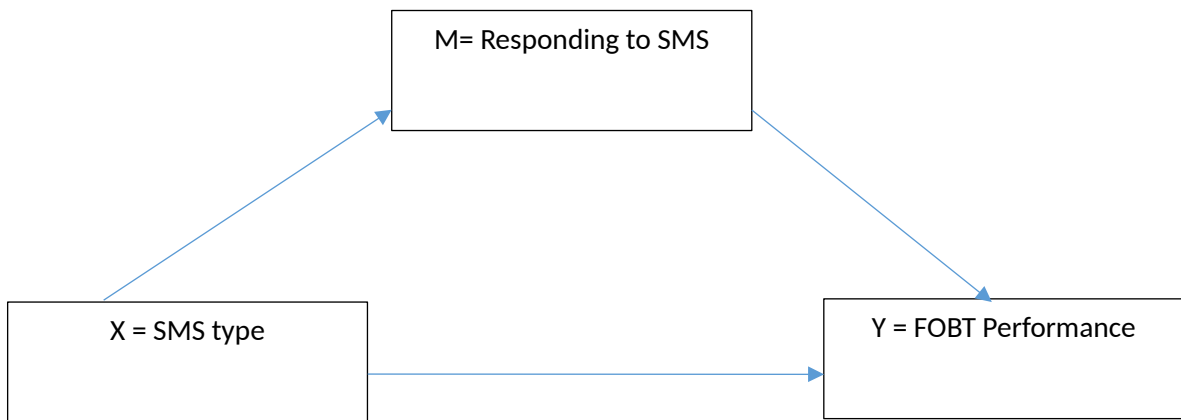


Figure 2
The statistical model

Main Results of the Path Model (Unstandardized Coefficients with Standard Errors in Parentheses; Control Variables are not Depicted; *** p < .001)

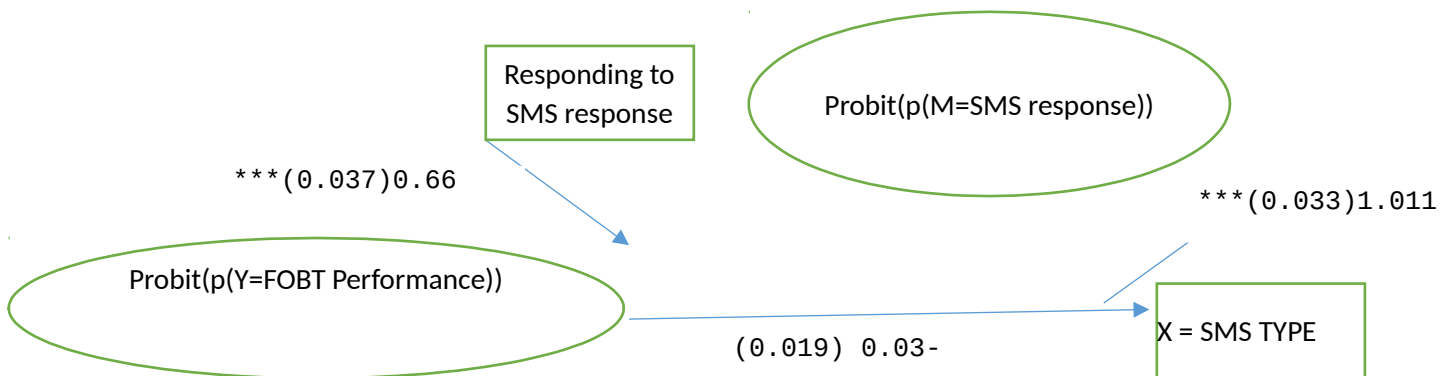


Table 1
Results of the Path Analysis Model

	Responding to SMS		FOBT Performance		
	B	SE	B	SE	
Gender, female a	0.029	0.025	0.073***	0.018	
Age, b	-0.080***	0.025	-0.029	0.019	
SES, c	0.183***	0.033*	-0.024	0.022	
SES, d	0.398***	0.035	-0.102***	0.025	
Past FOBT testing e	0.263***	0.027	0.663***	0.019	
SMS Type	1.011***	0.033	-0.032	0.019	
Responding to SMS	--		0.663***	0.037	

Note. N = 38364; unstandardized coefficients are shown; a 0 = male, 1 = female; b 0 = age under or equal to 60, 1 = age above 60; c 0 = Low or high SES, 1 = medium SES; d 0 = Low or medium SES, 1 = high SES; e 0 = No Previous FOBT, 1 = Yes Previous FOBT; .p < .05; ** p < .01 *