

## Supplemental Text #1:

### Stem

*Introduction: “The next few questions ask about “HIV self-tests” An HIV self-test usually refers to a rapid HIV test that you can give yourself at home or any convenient location by collecting your own blood (pricking your finger with a small needle) or saliva. If you test HIV-infected on an HIV self-test, you will still need to take a standard HIV test at a hospital, clinic or other organization to confirm your diagnosis.”*

*介绍：“下面几个问题是关于HIV自我检测方面的。HIV自我检测是指你可以在家或者任何一个便利的场所，通过抽自己的手指血或者采集唾液来检测自己HIV的感染情况。如果你做了HIV自我检测，你仍然需要去正规的医院、门诊或者其他组织去做正规的确证实验。*

### Question

Have you ever administered an HIV test to yourself (i.e. HIV self-test)?

你是否为自己做过 HIV 检测？

**Supplemental Table S1: Correlates of using the Internet to obtain HIV self-tests (n = 259)**

Characteristic	Used Internet to obtain HIV self-test	uOR [95% CI]	P value	aOR [95% CI]	P value
Age					
≤ 30 yr	44 (7.4%)	1			
> 30 yr	41 (9.4%)	1.29 [0.83, 2.01]	0.26		
Marital status					
Single*	70 (8.0%)	1			
Married	13 (8.7%)	1.11 [0.60, 2.05]	0.75		
Highest education completed					
High school or lower	54 (7.1%)	1			
College**	16 (10.4%)	1.52 [0.85, 2.73]	0.16		
Graduate school	15 (13.2%)	1.99 [1.08, 3.65]	0.027		
Cohabitation status					
Alone	28 (7.4%)	1			
With others	56 (8.6%)	1.17 [0.73, 1.88]	0.51		
Residential status					
Guangdong	61 (8.0%)	1			
Other***	24 (9.0%)	1.13 [0.69, 1.85]	0.64		
Annual income (USD)					
<6000	13 (4.9%)	1		1	

6000-16000	42 (7.7%)	1.59 [0.84, 3.02]	0.15	1.42 [0.72, 2.78]	0.31
>16000	30 (13.4%)	2.97 [1.51, 5.85]	0.002	2.43 [1.19, 4.98]	0.015
No. of male anal sex partners in last 3 months					
None	12 (5.6%)	1		1	
1 to 5	64 (8.2%)	1.51 [0.80, 2.86]		1.23 [0.63, 2.46]	0.55
≥6	9 (25.0%)	5.64 [2.17, 14.62]		3.63 [1.24, 10.64]	0.019
UAI in past 3 months					
Yes	27 (8.5%)	1			
No	46 (9.1%)	1.08 [0.66, 1.77]	0.77		
History of STI testing (other than HIV)					
Yes	53 (14.0%)	3.14 [1.98, 4.97]	<0.001	2.72 [1.71, 4.36]	<0.001
No	32 (4.9%)	1		1	
History of being diagnosed with STIs (other than HIV)					
Yes	10 (8.7%)	1.02 [0.51, 2.04]	0.95		
No	73 (8.5%)	1			
Out to anyone****					
Yes	31 (6.2%)	1		1	
No	53 (9.9%)	1.64 [1.04, 2.61]	0.035	2.17 [1.33, 3.53]	0.002

\*Includes men who are not married, engaged, widowed, and divorced.

\*\* Includes vocational and technical school.

\*\*\* Includes Chongqing, other Chinese provinces, Hong Kong, Macao, and overseas.

\*\*\*\* Asked as, ““Have you told anyone about your sexual orientation or that you have sex with other men?””