

**Table S1.** Differences in baseline sample characteristics between participants who completed follow-up survey and those who did not.

Characteristics	Gay Men ( <i>n</i> = 235)		<i>p</i>	Bisexual Men ( <i>n</i> = 119)		<i>p</i>
	Complete ( <i>n</i> = 171)	Loss ( <i>n</i> = 64)		Complete ( <i>n</i> = 87)	Loss ( <i>n</i> = 32)	
Age						
18–29	115 (67.3%)	45 (70.3%)	0.654 <sup>1</sup>	60 (69.0%)	18 (56.3%)	0.196 <sup>1</sup>
≥ 30	56 (32.7%)	19 (29.7%)		27 (31.0%)	14 (43.8%)	
Marital						
Single	141 (82.5%)	51 (79.7%)	0.861 <sup>1</sup>	62 (71.3%)	21 (65.6%)	0.638 <sup>1</sup>
Married	18 (10.5%)	6 (9.4%)		19 (21.8%)	8 (25%)	
Divorce	12 (7.0%)	7 (10.9%)		6 (6.9%)	3 (9.4%)	
Education background						
Senior or lower	70 (40.9%)	27 (42.2%)	0.862 <sup>1</sup>	38 (43.7%)	18 (56.3%)	0.223 <sup>1</sup>
College or higher	101 (59.1%)	37 (57.8%)		49 (56.3%)	14 (43.7%)	
Employment						
Employed	111 (64.9%)	38 (59.4%)	0.466 <sup>1</sup>	57 (65.5%)	27 (84.4%)	0.058 <sup>1</sup>
Unemployed	60 (35.1%)	26 (40.6%)		30 (34.5%)	5 (15.6%)	
Monthly income (RMB)						
≤ 4000	96 (56.1%)	35 (54.7%)	0.967 <sup>1</sup>	54 (62.1%)	14 (43.8%)	0.094 <sup>1</sup>
> 4000	75 (43.9%)	29 (45.3%)		33 (37.9%)	18 (56.2%)	
Children						
With	21 (12.3%)	10 (15.6%)	0.500 <sup>1</sup>	21 (24.1%)	8 (25.0%)	0.923 <sup>1</sup>
Without	150 (87.7%)	54 (84.4%)		66 (75.9%)	24 (75.0%)	
Living alone						
Yes	46 (26.9%)	27 (42.2%)	<b>0.024<sup>1</sup></b>	29 (33.3%)	8 (25.0%)	0.384 <sup>1</sup>
No	125 (73.1%)	37 (57.8%)		58 (66.7%)	24 (75.0%)	
HIV-related symptoms						
With	61 (35.7%)	19 (29.7%)	0.389 <sup>1</sup>	37 (42.5%)	8 (25.0%)	0.080 <sup>1</sup>
Without	110 (64.3%)	45 (70.3%)		50 (57.5%)	24 (75.0%)	
CD4 count (cells/mm)						
≤ 350	66 (38.6%)	28 (44.4%)	0.418 <sup>1</sup>	40 (46.0%)	13 (40.6%)	0.602 <sup>1</sup>
> 350	105 (61.4%)	35 (55.6%)		47 (54.0%)	19 (59.4%)	
PHQ-9	8 (4, 13)	6 (2, 10)	0.305 <sup>2</sup>	9 (4, 15)	10 (5, 16)	0.829 <sup>2</sup>
GAD-7	6 (3, 10)	6 (2, 10)	0.729 <sup>2</sup>	7 (4, 13)	7 (4, 14)	0.712 <sup>2</sup>
HIV/AIDS-related stress	21 (14, 30)	21 (16, 30)	0.894 <sup>2</sup>	24 (13, 35)	22 (11, 34)	0.907 <sup>2</sup>
Social stress	12 (7, 16)	13 (8, 16)	0.928 <sup>2</sup>	12 (8, 16)	12 (9, 15)	0.685 <sup>2</sup>
Emotional stress	6 (3, 10)	5 (2, 8)	0.393 <sup>2</sup>	6 (3, 12)	6 (3, 11)	0.755 <sup>2</sup>
Instrumental stress	4 (1, 7)	4 (1, 7)	0.820 <sup>2</sup>	5 (2, 8)	4 (2, 8)	0.808 <sup>2</sup>
Social support	28 (23, 33)	29 (21, 33)	0.627 <sup>2</sup>	28 (23, 32)	32 (24, 35)	0.218 <sup>2</sup>
Objective support	13 (10, 17)	14 (10, 19)	0.285 <sup>2</sup>	14 (11, 19)	14 (10, 20)	0.556 <sup>2</sup>
Subjective support	8 (6, 10)	7 (5, 9)	0.996 <sup>2</sup>	8 (5, 9)	8 (7, 9)	0.464 <sup>2</sup>
Support utilization	6 (5, 7)	6 (5, 8)	0.843 <sup>2</sup>	6 (5, 7)	6 (5, 8)	0.657 <sup>2</sup>

<sup>1</sup> Chi-square tests; <sup>2</sup> Mann-Whitney U tests.