

**Table S1.** Distribution and factor loading of sex work-related COVID-19 preventive behavior score.

Items	Distribution, n (%)				Loading Factor		Internal Reliability	
	Never	Sometime	Often	Always	Component I	Component II	Cronbach $\alpha$	If item deleted
Prepare sanitation equipment before sex	46 (4.8)	120 (12.9)	324 (34.1)	461 (48.5)	<b>0.786</b>	0.193	0.915	0.905
Hand washing before sex	50 (5.3)	134 (14.1)	359 (37.7)	408 (42.9)	<b>0.804</b>	0.208		0.901
Check client's temperature	87 (9.1)	144 (15.1)	311 (32.7)	409 (43.0)	<b>0.822</b>	0.199		0.896
Check client for any symptoms	109 (11.5)	135 (14.2)	302 (31.8)	405 (42.6)	<b>0.811</b>	0.175		0.901
Mandatory shower before sex	52 (5.5)	120 (12.6)	315 (33.1)	464 (48.8)	<b>0.857</b>	0.151		0.895
Mandatory shower after sex	41 (4.3)	95 (10.0)	323 (34.0)	492 (51.7)	<b>0.835</b>	0.150	0.842	0.899
Wear face mask during sex	206 (21.7)	200 (21.0)	214 (22.5)	331 (34.8)	0.385	<b>0.720</b>		0.865
Wear face-shield during sex	383 (40.3)	267 (28.1)	125 (13.1)	176 (18.5)	0.154	<b>0.910</b>		0.708
Wear gloves during sex	464 (48.8)	247 (26.0)	107 (11.3)	133 (14.0)	-	<b>0.903</b>		0.760
<b>Eigen value</b>					4.952	1.617		
<b>Variance explained (%)</b>					55.03	17.97		
<b>Cumulative (%)</b>					55.03	73.00		

**Table S2.** Multivariate analysis for types of online sex work as determinants of major income reduction and reduced condom use.

Variables (n = 951)	Major Income Reduction		Reduced Condom Use	
	aOR (95% CI)	P	aOR (95% CI)	P
<b>Location, n (%)</b>				
Bandung (n = 250)	Ref.		Ref.	
Greater Jakarta (n = 334)	1.08 (0.73 – 1.61)	0.004**	0.64 (0.37 – 1.11)	0.054
Yogyakarta (n = 152)	2.81 (1.56 – 5.06)		0.32 (0.14 – 0.75)	
Bali (n = 215)	1.29 (0.83 – 2.02)		0.58 (0.30 – 1.11)	
Age (years)	1.02 (0.99 – 1.05)	0.176	1.00 (0.96 – 1.04)	0.988
<b>Education</b>				
Not completed high school (n = 430)	-	-	-	-
High school (n = 480)				
College degree (n = 41)				
<b>Employment other than sex work</b>				
None (n = 606)	Ref.	0.006**	-	-
Employed (n = 345)	0.62 (0.45 – 0.88)			
<b>Marital status, n (%)</b>				
Single (n = 388)	Ref.		Ref.	
Cohabitation (n = 49)	1.78 (0.84 – 3.79)	0.392	0.83 (0.32 – 2.15)	0.056
Married (n = 148)	0.86 (0.53 – 1.42)		0.76 (0.40 – 1.46)	
Widowed/divorced (n = 366)	1.00 (0.67 – 1.47)		0.43 (0.23 – 0.79)	
<b>Housing</b>				
Alone (n = 355)	-	-	-	-
With roommate (n = 200)				
With family (n = 396)				
<b>HIV status</b>				
Negative (n = 488)	Ref.	< 0.001**	Ref.	0.035*
Unknown (n = 376)	0.58 (0.42 – 0.82)		1.62 (1.00 – 2.62)	
Positive (n = 87)	0.20 (0.12 – 0.34)		2.44 (1.11 – 5.38)	
<b>Fear of COVID-19 score</b>				
Low (n = 493)	Ref.	< 0.001**	-	-
High (n = 458)	1.87 (1.36 – 2.57)			
<b>Engaged in video Call Sex</b>				
No (n = 707)	Ref.	0.042*	Ref.	0.803
Yes (n = 244)	0.69 (0.48 – 0.99)		1.06 (0.65 – 1.74)	
<b>Engaged in phone Call Sex</b>				
No (n = 841)	-	-	Ref.	0.038*
Yes (n = 110)			1.89 (1.04 – 3.46)	
<b>Engaged in chat Sex/Sexting</b>				
No (n = 882)	Ref.	0.663	-	-
Yes (n = 69)	0.88 (0.49 – 1.58)			
<b>Sanitation &amp; personal hygiene during sex work, n (%)</b>				
Low adherence (n = 477)	Ref.	0.047*	Ref.	0.001**
High adherence (n = 474)	1.39 (1.00 – 1.92)		0.40 (0.24 – 0.65)	
<b>PPE use during sex work, n (%)</b>				
Low adherence (n = 366)	-	-	Ref.	0.499
High adherence (n = 585)			1.19 (0.72 – 1.96)	
<b>Client frequency changes</b>				
Little to no effect (n = 306)	Ref.	< 0.001**	-	-
Major reduction (n = 645)	3.30 (2.40 – 4.54)			
<b>Changes to condom access</b>				
No change or easier (n = 792)	N/A	N/A	Ref.	< 0.001**
More difficult (n = 159)			10.76 (6.71 – 17.76)	