

Appendix A. Time-trend analyses of online male sex work activity before and during the COVID-19 pandemic, by month*

	Before COVID-19						During COVID-19					
	<u>2019</u>				IRR (95%CI)**	p	<u>2020</u>				IRR (95%CI)**	p
	Sep	Oct	Nov	Dec			Jan	Mar	Apr	May		
Total active profiles (#)	9059	9010	9188	9276	1.01 (0.99-1.01)	0.339	9035	9235	7908	6611	0.90 (0.89-0.91)	<0.001
Newly created profiles (#)	939	966	991	871	0.98 (0.95-1.01)	0.192	787	524	518	326	0.71 (0.69-0.74)	<0.001
Inactive profiles (#)	1983	2022	2022	1946	0.99 (0.98-1.01)	0.578	1934	2135	2649	2311	1.08 (1.06-1.10)	<0.001
	F (β)***					p	F (β)***					p
Profile views (Avg/profile/day)	89.4	90.4	90.6	91.9	1.51 (0.01)	0.219	91.6	90.9	76.8	72.1	163.09 (-0.08)	<0.001
Virtual sex work offered (%)	48.8	49.0	49.1	49.5	0.86 (0.01)	0.354	50.3	50.2	52.2	55.0	37.07 (0.03)	<0.001

**Data were not extracted in February 2020 due to an error with the extraction software, which was corrected for subsequent extractions

**Time-trends of frequency measures assessed via Poisson regression analyses (IRR=inter-rate ratio; CI=confidence interval)

***Time-trends of mean and proportional measures assessed via bivariate linear regression analyses (F=F value; β=standardized coefficient)