

Supplemental Table 5. Sensitivity analysis of the influence of date imputation on mean degree by partnership type (total, m refers to the minimum mean degree based on assumption that a partnership is not active during the month reported for the c sex. Obs refers to the observed mean degree used in the analysis based on random date imputation. Max refers to the maxi based on assumption that a partnership is active for the whole month reported for the date of first and last sex.

Month	Total (Min)	Total (Obs)	Total (Max)	Max-Min	Main (Min)	Main (Obs)	Main (Max)	Max-Min	Casual (Min)	Casual (Obs)
0		1.19	1.20			0.45	0.45			0.74
1	1.18	1.23	1.27	0.09	0.44	0.45	0.45	0.02	0.74	0.78
2	1.17	1.22	1.26	0.09	0.43	0.44	0.44	0.01	0.74	0.78
3	1.16	1.21	1.24	0.08	0.42	0.43	0.44	0.02	0.74	0.77
4	1.15	1.19	1.22	0.07	0.42	0.43	0.43	0.01	0.73	0.76
5	1.14	1.18	1.20	0.07	0.41	0.42	0.43	0.01	0.73	0.76
6	1.12	1.15	1.17	0.06	0.41	0.41	0.42	0.01	0.71	0.73
7	1.09	1.13	1.15	0.06	0.40	0.41	0.41	0.01	0.69	0.72
8	1.07	1.11	1.13	0.05	0.39	0.40	0.41	0.01	0.68	0.70
9	1.06	1.09	1.10	0.04	0.39	0.40	0.40	0.01	0.67	0.69
10	1.04	1.07	1.09	0.04	0.38	0.39	0.40	0.01	0.66	0.68
11	1.02	1.04	1.07	0.05	0.38	0.38	0.39	0.01	0.64	0.66
12	0.99	1.01	1.03	0.04	0.37	0.38	0.38	0.01	0.62	0.64
Average	0.0610				0.0132					
Average percent change +/-	3%				2%					

ain, and casual). Min
date of first and last
mum mean degree

Casual (Max)	Max-Min
0.75	
0.82	0.07
0.82	0.08
0.80	0.06
0.79	0.05
0.78	0.05
0.76	0.05
0.74	0.05
0.72	0.04
0.70	0.03
0.69	0.03
0.68	0.03
0.65	0.03
0.0477	
3%	