

Supporting Information for Robust Inference for the Stepped Wedge Design by Hughes,  
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Table Web 1: Chlamydia prevalence in women in sentinel sites aggregated by local health jurisdiction (LHJ) and time, from the Washington state EPT trial. The intervention was initiated on 10/1/07 for wave 1 (LHJs 1 - 6), 6/1/08 for wave 2 (LHJs 7 - 12), 1/15/09 for wave 3 (LHJs 13 - 18) and 8/1/09 for wave 4 (LHJs 19 - 22); chlamydia prevalence was assessed during the last 3 months of each interval. Shaded areas indicate the times when the intervention was provided.

LHJ	Time				
	7/1/07 - 9/30/07	3/1/08 - 5/31/08	10/15/08 - 1/14/09	5/1/09 - 7/31/09	6/1/10 - 8/31/10
1	0.10	0.07	0.07	0.07	0.09
2	0.08	0.06	0.04	0.06	0.06
3	0.23	0.13	0.04	0.04	0.06
4	0.05	0.06	0.05	0.05	0.06
5	0.03	0.07	0.06	0.02	0.08
6	0.04	0.05	0.07	0.04	0.05
7	0.09	0.13	0.10	0.10	0.12
8	0.11	0.10	0.10	0.07	0.08
9	0.04	0.03	0.05	0.04	0.08
10	0.04	0.07	0.03	0.04	0.06
11	0.02	0.07	0.05	0.06	0.02
12	0.09	0.09	0.09	0.11	0.05
13	0.12	0.06	0.07	0.06	0.06
14	0.05	0.09	0.07	0.05	0.04
15	0.12	0.07	0.10	0.07	0.05
16	0.18	0.10	0.08	0.07	0.12
17	0.06	0.14	0.10	0.06	0.07
18	0.08	0.07	0.15	0.08	0.10
19	0.09	0.10	0.07	0.05	0.05
20	0.04	0.05	0.17	0.12	0.02
21	0.11	0.07	0.06	0.06	0.08
22	0.06	0.05	0.04	0.04	0.05

Table Web 2: Sample size for the chlamydia outcome by local health jurisdiction (LHJ) and time, from the Washington state EPT trial.

LHJ	Time				
	7/1/07 - 9/30/07	3/1/08 - 5/31/08	10/15/08 - 1/14/09	5/1/09 - 7/31/09	6/1/10 - 8/31/10
1	608	787	1075	1553	1370
2	374	482	591	616	557
3	26	67	115	174	94
4	493	590	532	785	961
5	64	261	176	133	90
6	45	212	199	79	131
7	359	396	329	397	354
8	168	272	396	476	423
9	221	270	276	356	225
10	26	44	65	83	96
11	48	67	73	120	166
12	231	318	293	305	352
13	333	848	1189	1325	1050
14	135	223	250	382	855
15	117	132	129	224	316
16	17	58	79	99	59
17	49	44	51	83	54
18	36	57	62	79	131
19	421	568	550	844	1050
20	78	58	41	52	48
21	19	59	109	122	101
22	77	78	94	122	133