

Web Appendix 1

Effects of the intervention on the number of consultations per day

xtmepoisson cg t iv##r d2##c.t##r m2-m12, offset(ln\_pop0a4) ||d: ||f: t iv, cov (ind) laplace irr diff

Mixed-effects Poisson regression Number of obs = 73903

Group Variable	No. of Groups	Observations per Group Minimum	Average	Maximum	Integration Points
d	2	26574	36951.5	47329	1
f	18	2046	4105.7	6192	1

Log likelihood = -125148.2 Wald chi2(25) = 21777.36  
 Prob > chi2 = 0.0000

cg	IRR	Std. Err.	z	P> z	[95% Conf. Interval]
t	1.109354	.0532491	2.16	0.031	1.009747 1.218788
1.iv	2.205051	.2664053	6.55	0.000	1.740123 2.7942
r					
2	.5316859	.0305466	-11.00	0.000	.4750635 .5950571
3	.3523849	.0155439	-23.65	0.000	.3231992 .3842062
iv##r					
1 2	1.103811	.0324753	3.36	0.001	1.041961 1.169333
1 3	.8004348	.0202385	-8.80	0.000	.761735 .8411008
1.d2	1.015321	.2977075	0.05	0.959	.5715029 1.803801
t	1	(omitted)			
d2#c.t					
1	1.116764	.066044	1.87	0.062	.9945406 1.254008
d2#r					
1 2	.8915344	.0616574	-1.66	0.097	.7785205 1.020954
1 3	1.296193	.0706123	4.76	0.000	1.164928 1.442249
r#c.t					
2	.9562873	.0143523	-2.98	0.003	.9285669 .9848352
3	1.056793	.0123499	4.73	0.000	1.032862 1.081277
d2#r#c.t					
1 2	1.115845	.0210368	5.81	0.000	1.075366 1.157848
1 3	.9730412	.014706	-1.81	0.071	.9446408 1.002296
m2	.8788478	.013971	-8.12	0.000	.8518872 .9066616
m3	.8161405	.0127302	-13.03	0.000	.7915673 .8414766
m4	.9003017	.0136637	-6.92	0.000	.8739158 .9274842
m5	.8037542	.0124304	-14.13	0.000	.7797566 .8284903
m6	.6812331	.0110952	-23.57	0.000	.6598304 .70333
m7	.73869	.0116943	-19.13	0.000	.7161215 .7619697
m8	1.299177	.0181242	18.76	0.000	1.264135 1.33519
m9	1.717171	.0240293	38.64	0.000	1.670714 1.764919
m10	1.483717	.0209269	27.97	0.000	1.443263 1.525305
m11	1.014471	.0155845	0.94	0.350	.9843807 1.04548
m12	1.01932	.0154663	1.26	0.207	.9894534 1.050089
_cons	.0008395	.0002006	-29.64	0.000	.0005256 .001341
ln_pop0a4	1	(offset)			

Random-effects Parameters	Estimate	Std. Err.	[95% Conf. Interval]
d: Identity			
sd(_cons)	.0000281	.1379734	0 .
f: Independent			
sd(t)	.1158854	.0198301	.0828653 .1620634
sd(iv)	.4135431	.0857599	.2754228 .6209285

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sd(_cons) | .579842 .098583 .415519 .8091489
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LR test vs. Poisson regression:   chi2(4) = 13744.09   Prob > chi2 = 0.0000
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