

Multimedia Appendix 1. Linear regression and ANCOVA analysis for (1) sqrt(medical expenditure), (2) sqrt(pharmaceutical expenditure), (3) number of hospital admissions, and (4) hospital LOS. Difference values are (control-test). Bracketed terms are 95% CI.

	BEFORE SLOPE	AFTER SLOPE	P value	BEFORE INTERCEPT	AFTER INTERCEPT
<b>A. Medical expenditure</b> ( $N_{\text{Test}} = 100$ , $N_{\text{Control}} = 137$ )					
Data points averaged over 30 day intervals					
$\sqrt{\text{CONTROL}}$	0.0510 <sup><math>\alpha\gamma</math></sup> (0.0293, 0.0727)	-0.0395 <sup><math>\alpha\eta</math></sup> (-0.1305, 0.0515)	0.1 <sup><math>\alpha</math></sup>	12.58 (12.13, 13.02)	12.98 (12.29, 13.66)
$\sqrt{\text{TEST}}$	0.0919 <sup><math>\delta\gamma</math></sup> (0.0625, 0.1213)	-0.2729 <sup><math>\delta\eta</math></sup> (-0.4236, -0.1222)	<0.001 <sup><math>\delta</math></sup>	14.06 (13.47, 14.66)	14.44 (13.33, 15.55)
<b>P Value</b>	0.0268 <sup><math>\gamma</math></sup>	0.009 <sup><math>\eta</math></sup>			
<b>DIFF</b>	-0.9446 <sup><math>\epsilon</math></sup> (-2.073, 0.1839)	3.916 <sup><math>\epsilon</math></sup> (-3.251, 11.08)	0.1025 <sup><math>\epsilon</math></sup>	-55.38 (-78.71, -32.05)	-30.91 (-83.66, 21.84)
<b>B. Pharmaceutical expenditure</b> ( $N_{\text{Test}} = 100$ , $N_{\text{Control}} = 143$ ).					
Data points averaged over 30 day intervals					
$\sqrt{\text{CONTROL}}$	0.0824 <sup><math>\alpha\gamma</math></sup> (0.0671, 0.0976)	0.1584 <sup><math>\alpha\eta</math></sup> (0.1012, 0.2155)	0.0462 <sup><math>\alpha</math></sup>	16.5 (16.19, 16.81)	15.39 (14.97, 15.81)
$\sqrt{\text{TEST}}$	0.0408 <sup><math>\delta\gamma</math></sup> (0.0260, 0.0557)	-0.1717 <sup><math>\delta\eta</math></sup> (-0.2361, -0.1074)	<0.001 <sup><math>\delta</math></sup>	15.66 (15.36 - 15.96)	16.03 (15.55, 16.5)
<b>P</b>	P < 0.001 <sup><math>\gamma</math></sup>	P < 0.001 <sup><math>\eta</math></sup>			
<b>DIFF</b>	3.392 <sup><math>\epsilon</math></sup> (2.337, 4.448)	11.06 <sup><math>\epsilon</math></sup> (4.842, 17.27)	<0.0084 <sup><math>\epsilon</math></sup>	73.67 (52.11, 95.22)	6.51 (-39.23, 52.25)
<b>C. Number of admissions to hospital</b> ( $N_{\text{Test}} = 53$ , $N_{\text{Control}} = 64$ ).					
Data points averaged over 100 day intervals					
<b>CONTROL</b>	0.0311 (0.0137, 0.0485)	0.0661 (-0.0432, 0.1754)	0.4576	0.5463 (0.423, 0.6696)	0.2624 (-0.0368, 0.5617)
<b>TEST</b>	0.0402 (0.0215, 0.0588)	-0.1109 (-0.2592, 0.0374)	0.0094	0.6998 (0.5678, 0.8318)	0.8011 (0.3949, 1.207)
<b>P</b>	0.4429	0.0145			
<b>DIFF</b>	-0.0107 (-0.0295, 0.0082)	0.177 (0.1146, 0.2393)	0.0018	-0.1361 (-0.2727, 0.0005)	-0.5387 (-0.7095, -0.3678)
<b>D. Hospital LOS</b> ( $N_{\text{Test}} = 53$ , $N_{\text{Control}} = 64$ )					
Data points averaged over 100 day intervals					
<b>CONTROL</b>	0.1452 <sup><math>\alpha\gamma</math></sup> (0.0669, 0.2235)	0.1 <sup><math>\alpha\eta</math></sup> (-1.836, 2.036)	0.869 <sup><math>\alpha</math></sup>	2.739 (2.186, 3.293)	2.785 (-2.516, 8.086)
<b>TEST</b>	0.3597 <sup><math>\delta\gamma</math></sup> (0.2049, 0.5145)	-1.038 <sup><math>\delta\eta</math></sup> (-2.791, 0.7141)	0.006 <sup><math>\delta</math></sup>	5.424 (4.329, 6.518)	5.957 (1.158, 10.76)
<b>P</b>	0.0125 <sup><math>\gamma</math></sup>	0.1339 <sup><math>\eta</math></sup>			
<b>DIFF</b>	-0.2145 <sup><math>\epsilon</math></sup> (-0.3883, -0.0407)	1.138 <sup><math>\epsilon</math></sup> (0.5418, 1.735)	<0.01 <sup><math>\epsilon</math></sup>	-2.685 (-3.914, -1.455)	-3.172 (-4.806, -1.539)