

LONDON  
SCHOOL of  
HYGIENE  
& TROPICAL  
MEDICINE



LSHTM Research Online

Steventon, A; Grieve, R; Bardsley, M; (2015) An Approach to Assess Generalizability in Comparative Effectiveness Research: A Case Study of the Whole Systems Demonstrator Cluster Randomized Trial Comparing Telehealth with Usual Care for Patients with Chronic Health Conditions. *Medical decision making*, 35 (8). pp. 1023-36. ISSN 0272-989X DOI: <https://doi.org/10.1177/0272989X15585131>

Downloaded from: <http://researchonline.lshtm.ac.uk/2172821/>

DOI: <https://doi.org/10.1177/0272989X15585131>

**Usage Guidelines:**

Please refer to usage guidelines at <http://researchonline.lshtm.ac.uk/policies.html> or alternatively contact [researchonline@lshtm.ac.uk](mailto:researchonline@lshtm.ac.uk).

Available under license: <http://creativecommons.org/licenses/by/2.5/>

<https://researchonline.lshtm.ac.uk>

**Table C4: Estimates of the sample average treatment effect for the telehealth patients**  
**(figures are for the incidence rate ratio for the trial intervention group, except for**  
**mortality, where figures are for the odds ratio)**

	Generalized linear modeling		Time series	
	Comparison with RCT control group	Comparison with non-participants	Comparison with RCT control group	Comparison with non-participants
Emergency admissions per head	0.90 (0.77, 1.05)	1.12 (0.95, 1.31)	0.77 (0.66, 0.91)	1.10 (0.92, 1.31)
Elective admissions per head	0.95 (0.80, 1.14)	0.87 (0.73, 1.05)	0.72 (0.58, 0.90)	0.75 (0.58, 0.98)
Outpatient attendances per head	1.02 (0.93, 1.12)	1.04 (0.95, 1.14)	1.00 (0.92, 1.10)	1.02 (0.93, 1.12)
Emergency room visits per head	0.86 (0.74, 0.99)	0.96 (0.83, 1.11)	0.66 (0.56, 0.78)	0.95 (0.80, 1.13)
Primary care contacts per head	1.06 (1.01, 1.13)	1.04 (0.99, 1.09)	1.09 (1.04, 1.16)	1.06 (1.01, 1.11)
Mortality	0.41 (0.13, 1.23)	1.50 (0.57, 3.94)	n/a	n/a

Note: Time series models were not defined for mortality, as no deaths occurred before the date of enrolment into the trial.