

Supplementary materials. Directed acyclic graphs model visualizations

Model 1

Exposure:

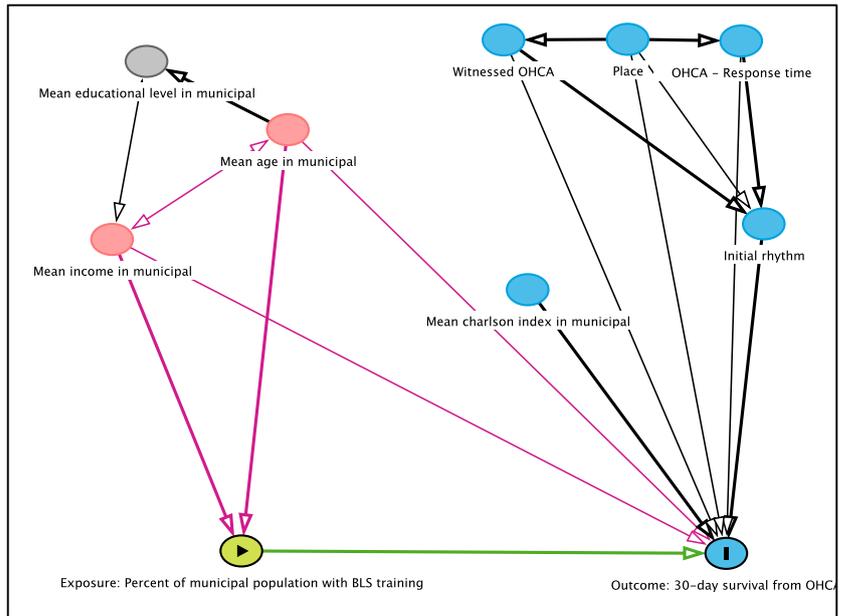
Proportion of population certified in BLS Bystander CPR rate at OHCA

Outcome:

30-day survival from OHCA

Adjusted for:

Initial (shockable) rhythm
 Mean Charlson Index
 Mean income
 Mean age



Model 2.

Exposure:

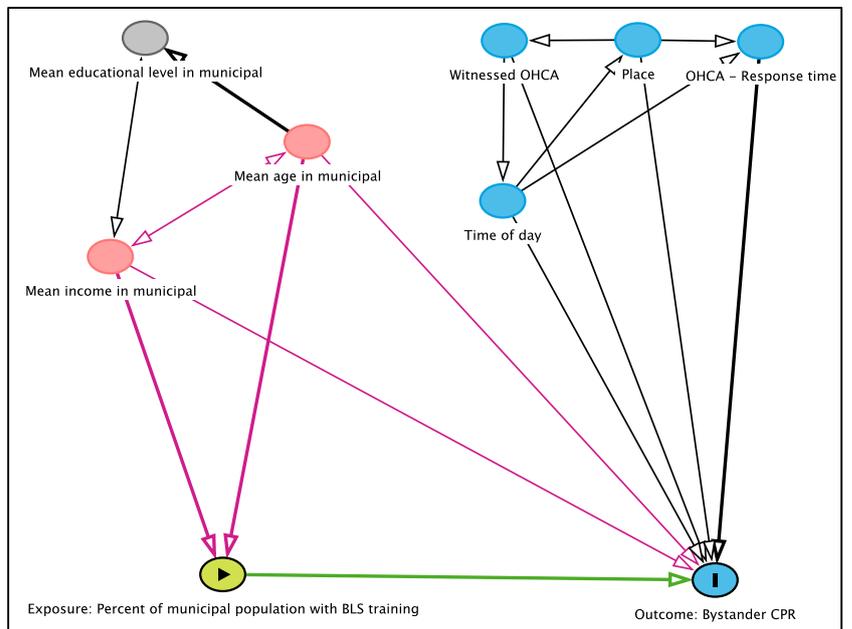
Bystander CPR rate at OHCA

Outcome:

30-day survival from OHCA

Adjusted:

OHCA EMS response time
 Mean income
 Mean age



AED: Automatic External Defibrillator

BLS: Basic Life Support

CPR: Cardiopulmonary resuscitation

OHCA: Out-of-hospital cardiac arrest

EMS: Emergency Medical Services