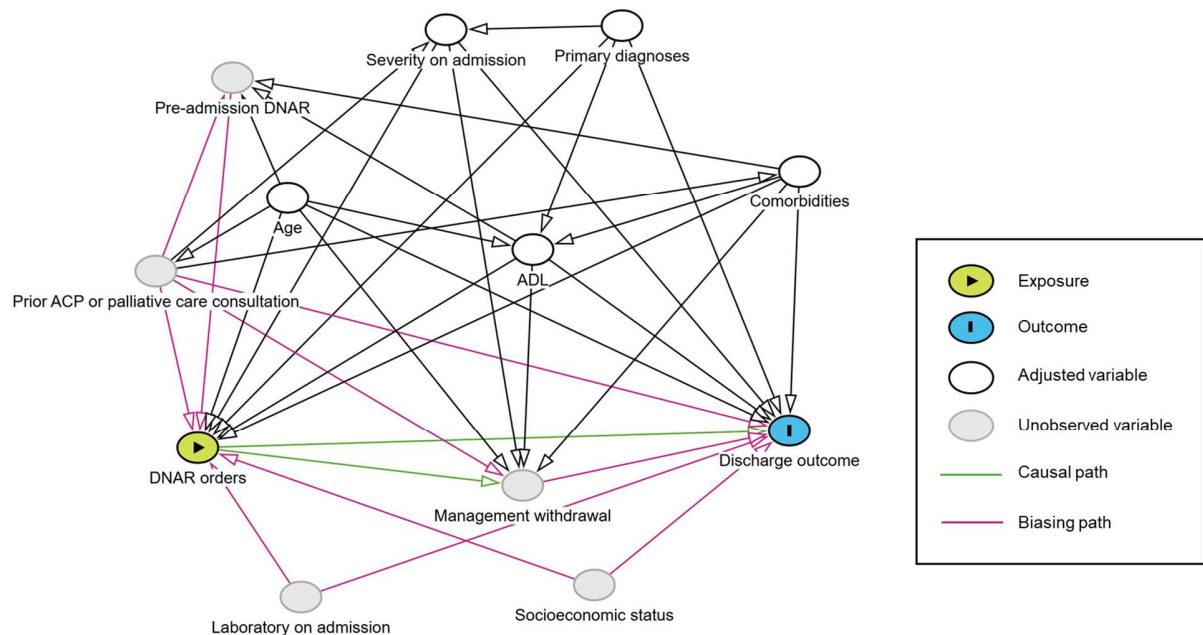


Additional file 2
Directed acyclic graph

Supplementary Figure 1 Directed acyclic graph of the assumed causal relationships between DNAR status and discharge outcomes



Directed acyclic graph illustrating the assumed causal structure between DNAR orders and discharge outcomes. Do-not-attempt resuscitation (DNAR) orders were treated as the exposure and discharge outcome as the outcome. Based on this causal framework, age, activities of daily living (ADL), comorbidities, primary diagnoses, and severity on admission were considered potential confounders and were adjusted for in the regression models. Several factors that could not be measured in the structured database, including laboratory data on admission, pre-admission DNAR status, prior advance care planning (ACP) or palliative care consultation, management withdrawal after DNAR orders, and socioeconomic status, were considered potential unmeasured variables.