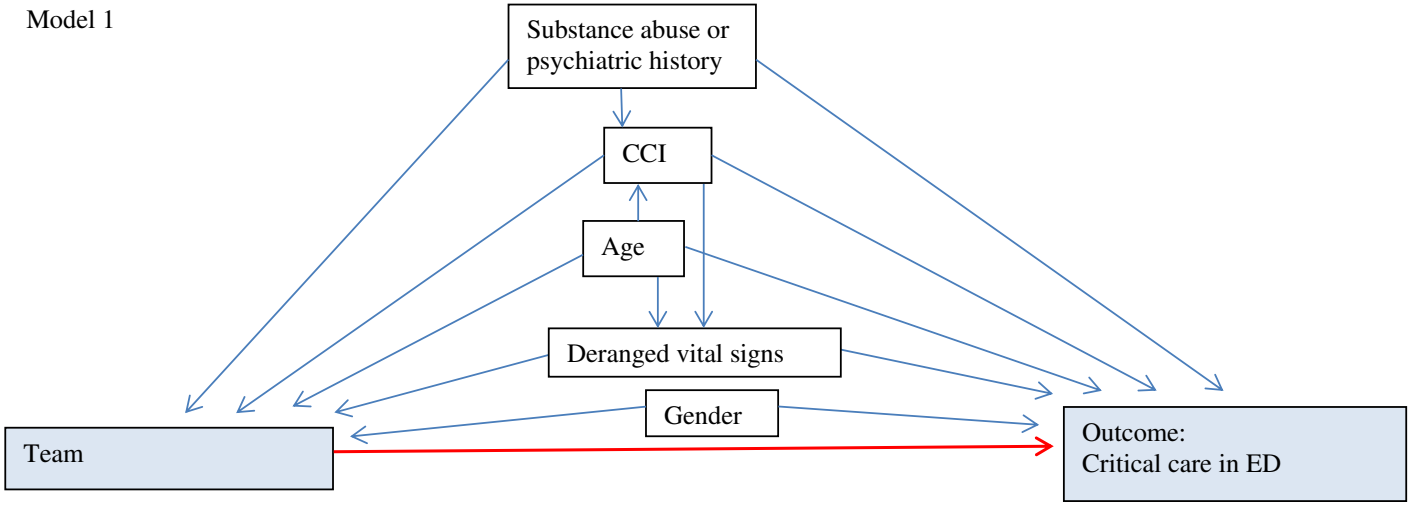
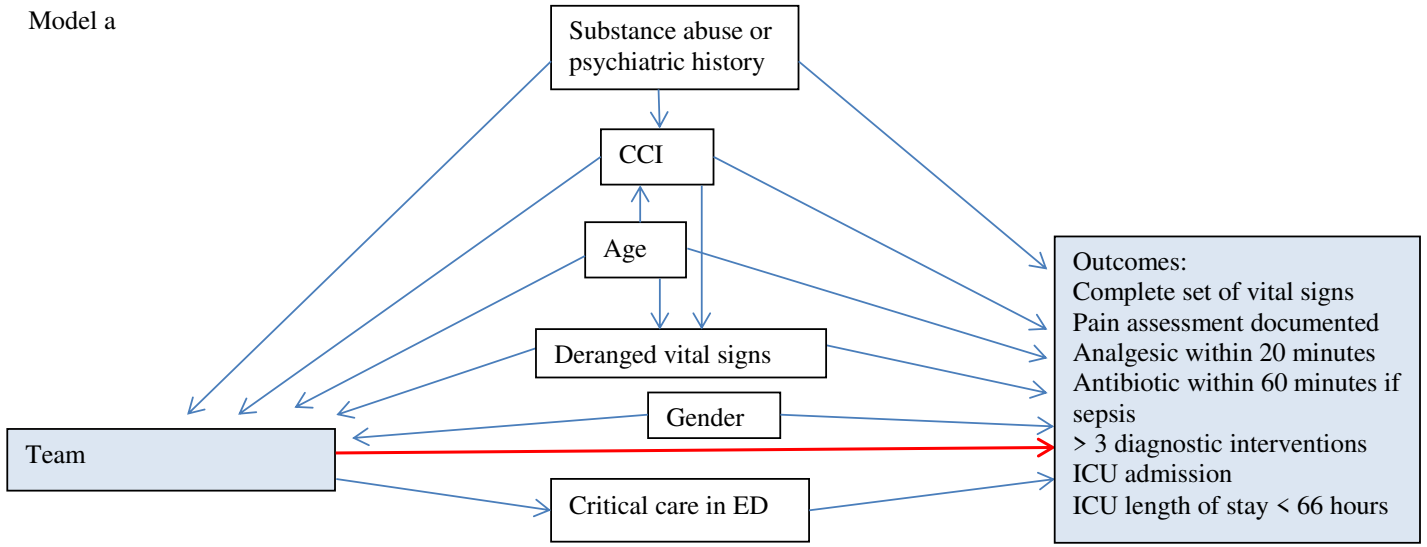
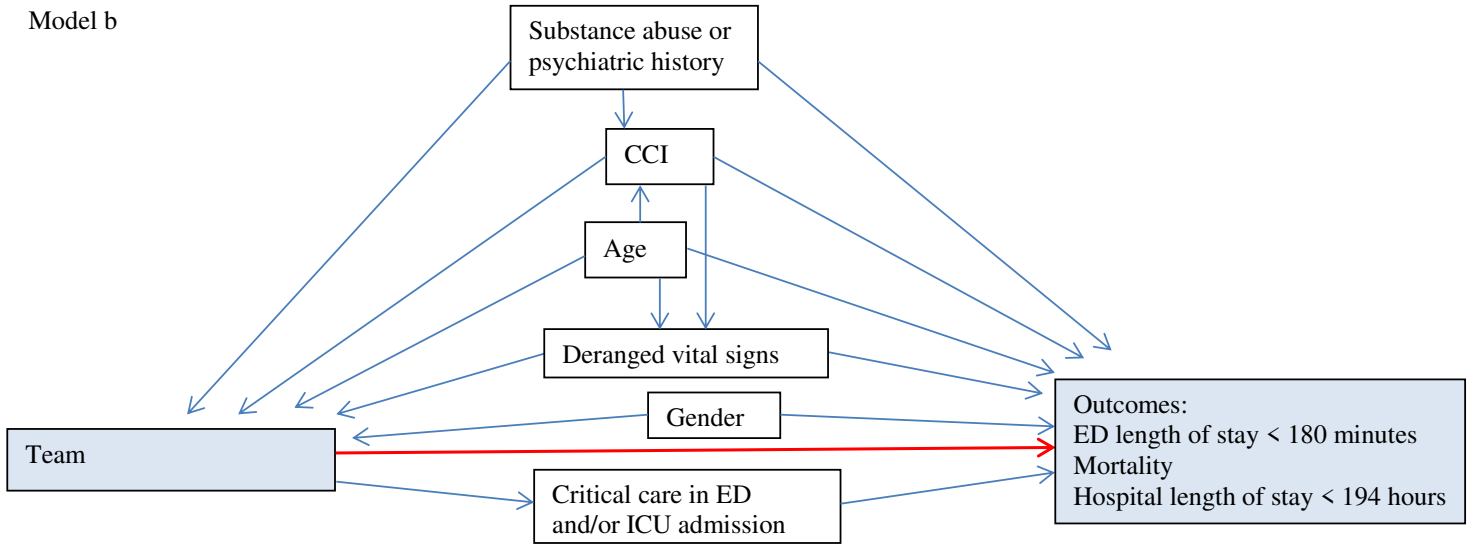
Multivariate logistic regression models

Model 1




Model a
Substance abuse or psychiatric history
CCI
Age
Deranged vital signs
Gender
Team
Critical care in ED
Outcomes:
Complete set of vital signs
Pain assessment documented
Analgesic within 20 minutes
Antibiotic within 60 minutes if sepsis
> 3 diagnostic interventions
ICU admission
ICU length of stay < 66 hours



Legend: Red arrow: timeline from management at arrival to outcome (blue boxes). White boxes: Factors potentially influencing management or outcome. Blue arrows: direction of influence.