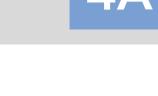
Can predictive models based on patient information support emergency department decision-making?



Highlights.



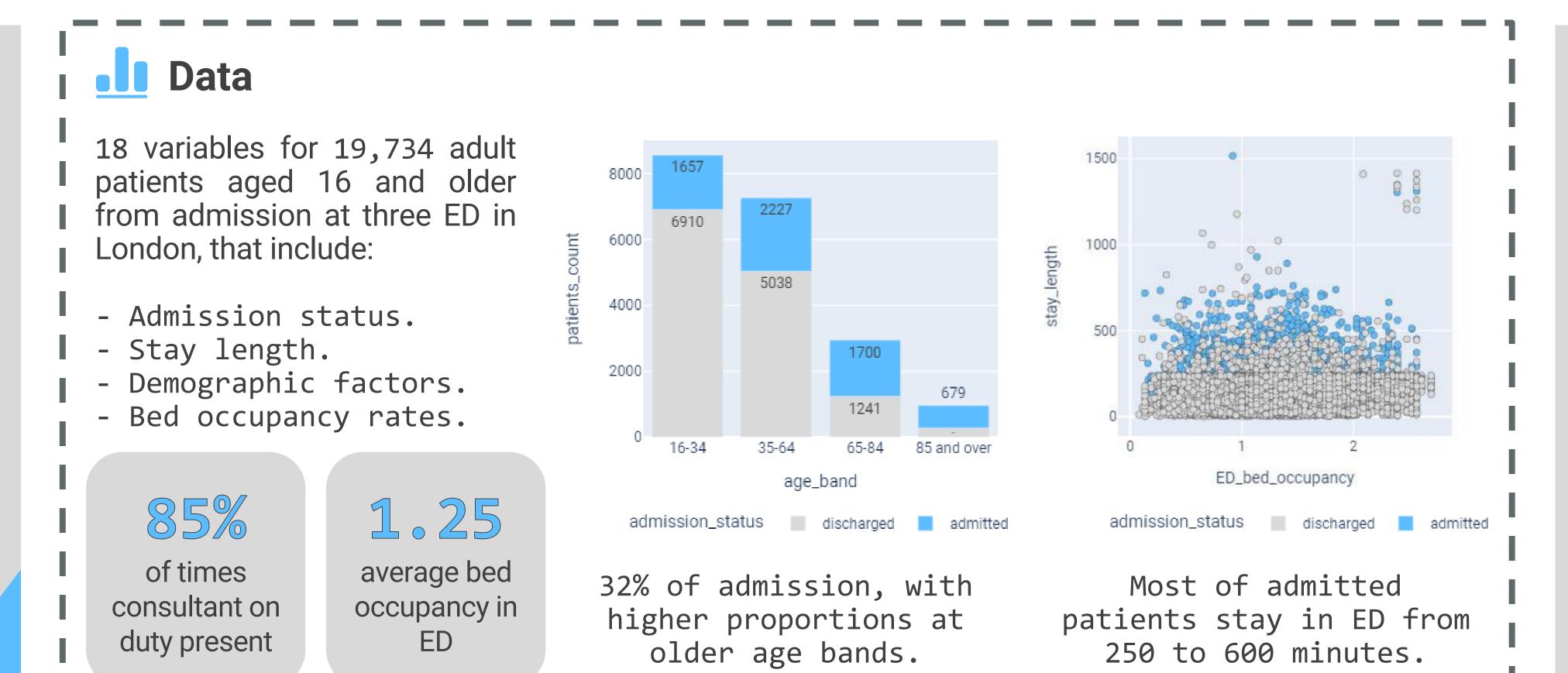
Team 62 | María Paula Álvarez, Juan Barrios, Daniel Chavarría, Jeyson Guzmán, Cristian Rodríguez and Luis Serna.



Importance

Medical emergency departments (ED) account for a considerable proportion of patient admissions at hospitals, and for that reason, efficiency processes at presentation are needed to avoid overcrowded rooms and long waiting times that could affect negatively the quality of service.

With the purpose of improving capacity management in emergency department and be used as a complementary technology to triage and other clinical methodologies, we developed a clinical decision support tool based on predictive models that identifies patients to be hospitalized and their expected time in emergency room.





Web Application.



Models

Models.

