Reviewer’s report

Title: Real-time forecasting of emergency department arrivals using prehospital data

Version: 0 Date: 20 Jun 2019

Reviewer: Martin Rohacek

Reviewer's report:

Asheim et al developed a model to forecast ED arrivals incorporating data from prehospital services from data from one Hospital over a period of 8 years. This ED has a moderate patient load (20'000 patients per year). They conclude that this approach could be a tool for ED resource management. I have the following comments:

Background: This section might be shortened, and the knowledge gap, and why this model is needed, might be better elaborated.

Results

Figures: Please add a legend, and explain Figures: e.g what does Horizon, Baseline etc mean?

Discussion:

- Please put your data in context to other research

- Please explain how this model might be used in everyday practice, who could use it, and what the consequences would be out of it.

- Please explain for what settings this model could be considered, and who would benefit from it.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Unable to assess
Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I recommend additional statistical review

Quality of written English
Please indicate the quality of language in the manuscript:

Acceptable

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