Manuscript Number: JORS-15-0367-P

Title: Measuring the Price of Anarchy in Critical Care Unit Interactions

Journal: Journal of the Operational Research Society

In this paper, the authors develop generic game theoretical model where the rational actions of two Critical Care Units have been accounted. They consider the methodology involving the use of a normal form of game under the stochastic nature of queuing systems. The paper addresses a very interesting problem. My comments are as follows:

Major and Minor Comments:

- 1. Write the clarifications of notations $\lambda_h^{(l,h)} \lambda_h^{(l,l)}$, etc. One $h \in (NH, RG)$ other h denotes RG experiences high demand.
- 2. Give explanation for figure 3.
- 3. Write clearly major contribution of the paper corresponding to the existing literature.
- 4. State clearly the objectives of the model.