

Erratum: Social Optimal Location of Facilities with Fixed Servers, Stochastic Demand, and Congestion

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Mr. Mohammad Delasay discovered an error in equation (25) in the paper. The same error occurs in equation (31). Corrected versions of the relevant parts of these equations follow.

Equation (25), corrected:

$$C_{ij} = \begin{cases} 4C_q C_c \lambda_i & \text{for scenario 1} \\ \left(\frac{C_q P(\beta_j^*)}{\beta_j^* \sqrt{\mu_j}} + C_c \beta_j^* \sqrt{\mu_j} \right)^2 \lambda_i & \text{for scenario 2} \end{cases}$$

Equation (31), corrected:

$$C_{ijk} = \begin{cases} 4C_q C_c \lambda_{ik} & \text{for scenario 1} \\ \left(\frac{C_q P(\beta_{jk}^*)}{\beta_{jk}^* \sqrt{\mu_{jk}}} + C_c \beta_{jk}^* \sqrt{\mu_{jk}} \right)^2 \lambda_{ik} & \text{for scenario 2} \end{cases}$$