

Correction

Correction: Martínez-Reyes et al. Supplying Personal Protective Equipment to Intensive Care Units during the COVID-19 Outbreak in Colombia. A Simheuristic Approach Based on the Location-Routing Problem. *Sustainability* 2021, 13, 7822

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The authors would like to make the following corrections to the published paper [1]. The changes are as follows:

1. Replacing Equation (1):

$$\min z = \sum_{w \in W} O_w Y_w + \sum_{k \in K} \sum_{a \in \delta^+(M)} C_a f_{ak} + \sum_{k \in K} E[R_k] \quad (1)$$

with

$$\min z = \sum_{w \in W} O_w Y_w + \sum_{k \in K} \sum_{a \in \delta^+(M)} U_a f_{ak} + \sum_{k \in K} E[R_k] \quad (1)$$

2. Replacing Equation (2):

$$\min z = \sum_{w \in W} O_w Y_w + \sum_{k \in K} \sum_{a \in \delta^+(M)} C_a f_{ak} + \sum_{k \in K} E[R_k] \quad (2)$$

with

$$R_k = \begin{cases} \sum_{a \in A} C_a f_{ak} & \text{If } \sum_{i \in I} \sum_{a \in \delta^-(i)} E[D_i] f_{ak} \leq (1 - \%SS)h \\ \sum_{a \in A} C_a f_{ak} + \rho & \text{otherwise} \end{cases} \quad (2)$$

3. Replacing line 185 on page 4:

“(iii) the cost of vehicles, and (iv) the corrective cost of a solution”.

with

“(iii) the cost of vehicles -U-, and (iv) the corrective -ρ- cost of a solution”.

The authors apologize for any inconvenience caused and state that the scientific conclusions are unaffected. The original publication has also been updated.

Reference

- Martínez-Reyes, A.; Quintero-Araújo, C.L.; Solano-Charris, E.L. Supplying Personal Protective Equipment to Intensive Care Units during the COVID-19 Outbreak in Colombia. A Simheuristic Approach Based on the Location-Routing Problem. *Sustainability* 2021, 13, 7822. [[CrossRef](#)]



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