

Peer Review

Review of: "Fixed-Sized Clusters k-Means"

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Fixed-Sized Clusters k-Means

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This study reports an extension to the k-means clustering using the Hungarian algorithm to solve an assignment problem. Some equations are unclear and must be improved.

1. Equations (1) and (2): The authors use C_j as centroid locations and at the same time as a set.

Please check the formula given in Equation (12) of (Faouzi et al., 2022).

2. After Equation (3): $n_l:s$???

3. Can the authors explain the Hungarian algorithm?

4. Equations (5) and (6) are not clear.

5. In Equation (5): they used i instead of $f(a)$. But, in Equation (6), they said: after convergence... $Xf(a)$ meaning that $f(a)=i$. I am confused.

Suggestion:

1. Please check the writing of this paper.

2. Check the formulas in this paper.

Referencias

Faouzi, T., Firinguetti-Limone, L., Avilez-Bozo, J. M., and Carvajal-Schiaffino, R. (2022). The α -groups under condorcet clustering. Mathematics, 10(5):718.

Declarations

Potential competing interests: No potential competing interests to declare.