

Referee's Comments

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Title: The general least square deviation OWA operator problem

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General Comments:

This paper proposes the general least convex deviation model for ordered weighted averaging (OWA) operators. I make three general comments on this paper.

The authors should give more explanations the correctness of the following statements.

Page 5 Line 92, " $F(b - a) \leq \sum_{i=1}^{n-1} F(|w_{i+1} - w_i|)$ "

Page 6 Line 100, "we can consider three possible cases..." , This considers all the possible cases?

Page 11 Line 157, "The equality holds if and only if $\beta_i = 0, i = 1, \dots, n$..." , This is true? especially for $\beta_1 = 0$?

Page 13 Line 172, "The equality holds if and only if $\beta_i = 0, i = 1, \dots, n$..." , This is true? especially for for $\beta_1 = 0$?

Secondly, the authors give the examples 1-3 appearing in pages 16-18 to present the close form of the exact optimal solution of the general least convex deviation model (37) with $p = 2$ and $p = 3/2$. However, these are simple examples. The authors should consider the cases of $p = 3$ and $p = 5$ to show the correctness of the proposed method.

Finally, some notations errors and some mistakes appear in the paper. For example,

Page 2 Line 52, " $\sum_{i=1}^n w_i a_i$ "

Page 3 Line 62, "lenel:"

Page 4 Line 78, "...feasible solution of the model (2.3)."

Page 4 Line 79, "...feasible solution of the model (2.3)."

Page 4 Line 90, "...ia continuous and"

Page 9 Line 132, "...optimization problem of model (2.3)."