

# Using Ordered Weighted Average for Weighted Averages Inflation

Por: [Espinoza-Audelo, LF](#) (Espinoza-Audelo, Luis F.)<sup>[2]</sup>; [Leon-Castro, E](#) (Leon-Castro, Ernesto)<sup>[1]</sup>; [Olazabal-Lugo, M](#) (Olazabal-Lugo, Marycruz)<sup>[2]</sup>; [Merigo, JM](#) (Merigo, Jose M.)<sup>[3,4]</sup>; [Gil-Lafuente, AM](#) (Gil-Lafuente, Anna M.)<sup>[5]</sup>

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## Abstract

This paper presents the ordered weighted average weighted average inflation (OWAWAI) and some extensions using induced and heavy aggregation operators and presents the generalized operators and some of their families. The main advantage of these new formulations is that they can use two different sets of weighting vectors and generate new scenarios based on the reordering of the arguments with the weights. With this idea, it is possible to generate new approaches that under- or overestimate the results according to the knowledge and expertise of the decision-maker. The work presents an application of these new approaches in the analysis of the inflation in Chile, Colombia, and Argentina during 2017.

## Palabras clave

Palabras clave de autor: [OWA operator](#); [inflation](#); [decision making](#)

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## Información del autor

Dirección para petición de copias: Leon-Castro, E (corresponding author)

Univ la Salle Bajio, Av Univ 602 Lomas del Campestre, Guanajuato 37150, Mexico.

## Direcciones:

[ 1 ] Univ la Salle Bajio, Av Univ 602 Lomas del Campestre, Guanajuato 37150, Mexico

+ [ 2 ] Univ Occidente, Blvd Lola Beltran S-N Esq Circuit Vial, Culiacan 80200, Sinaloa, Mexico

+ [ 3 ] Univ Technol Sydney, Fac Engn & Informat Technol, Sch Syst Management & Leadership, Ultimo Nsw, NSW 2007, Australia

+ [ 4 ] Univ Chile, Sch Econ & Business, Dept Management Control & Informat Syst, Av Diagonal Paraguay 257, Santiago 8330015, Chile

+ [ 5 ] Univ Barcelona, Dept Business Adm, Av Diagonal 690, Barcelona 08034, Spain

#### **Direcciones de correo**

**electrónico:** [luis.espinoza@udo.mx](mailto:luis.espinoza@udo.mx); [eleon@delasalle.edu.mx](mailto:eleon@delasalle.edu.mx); [marycruz.olazabal@udo.mx](mailto:marycruz.olazabal@udo.mx); [jmerigo@fen.uchile.cl](mailto:jmerigo@fen.uchile.cl); [amgil@ub.edu](mailto:amgil@ub.edu)

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