

Möbius Fitting Aggregation Operators.

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Abstract: Standard Möbius transform evaluation formula for the Choquet integral is associated with the **min**-aggregation. However, several other aggregation operators replacing **min** operator can be applied, which leads to a new construction method for aggregation operators. All binary operators applicable in this approach are characterized by the 1-Lipschitz property. Among ternary aggregation operators all 3-copulas are shown to be fitting and moreover, all fitting weighted means are characterized. This new method allows to construct aggregation operators from simpler ones.

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