

Quantitative approach to Entropy weighting methodology in MADM

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It seems that those MADM matrices whose scattering of the alternative values distribution have different importance. The Entropy technique would give completely irrelevant weights in comparison to other techniques such as external weighting. We propose a method to resolve this apparent disagreement. In this method we shall first convert all quantitative values to qualitative values using DM judgment and then we will apply the Entropy technique as before. An example is presented to illustrate the proposal.