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Geometric Mean Quantity Index Numbers with Benefit-of-the-Doubt Weights

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Highlights

- Construction of multiplicative composite indicators as geometric mean quantity index numbers.
- Benefit-of-the-Doubt weights as implicitly determined importance exponents/weights.
- Extension to provide transitive composite indicator orderings in a multilateral setting.
- Multi-factor decomposition to explain the intertemporal evolution of a single country.
- Illustrations with social inclusion data for the EU-countries.

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