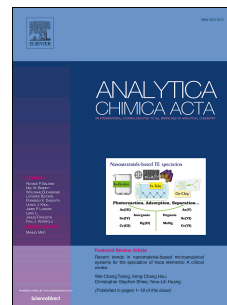


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The discrimination threshold: A selection criterion for analytical methods based on measurement uncertainty – Application to animal stress studies

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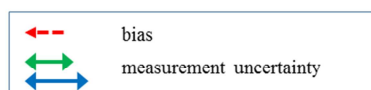
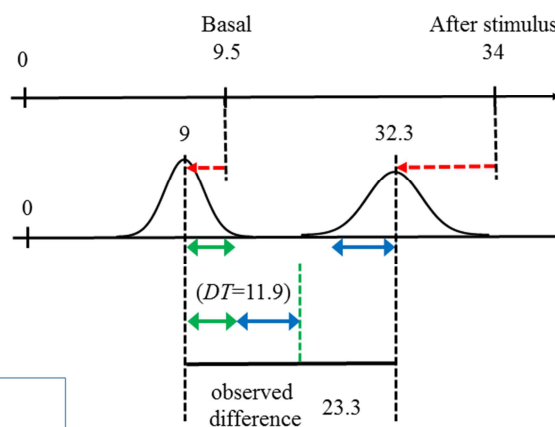
A method is proposed to estimate the Discrimination Threshold (DT) of an analytical method, a criterion to select methods that allow discriminating a given difference between 2 values

Levels of the bio-maker used to evaluate average expected variation after treatment (cortisol in $\text{ng}\cdot\text{mL}^{-1}$)

Reported values with bias and measurement uncertainty.

Discrimination threshold (DT) of the method at observed level

The DT is smaller than the average observed difference \rightarrow The method can be used



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