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Properties of Asymmetric Detrended Fluctuation Analysis in the time series of RR intervals

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Highlights

- the Asymmetric Detrended Fluctuation Analysis method has been applied to the *RR* intervals time series
- it has been found that the scaling exponents for rising and falling trends differ systematically and unidirectionally with $\alpha^+ < \alpha^-$
- ullet the proportion of time during which asymmetry in scaling exponents is observable is different from 0.5
- ADFA uncovers another aspect of Heart Rate Variability

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