## **BATLAS - A database with integrated automatic analysis** of count data for estimating population trends

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Population trends are crucial to assess the conservation status of a species. Hereby, animal count data over time are a valuable data source to calculate such trends. Nevertheless, gathering such data, storing and analyzing can be challenging since data availability is often limited and count methods as well as data formats are not standardized.

To overcome at least some of these drawbacks the statistical method TRIM (TRends and Indices for Monitoring data) was developed >30 years ago by Statistics Netherlands (Pannekoek and Van Strien, 1991). This software can both deal with missing values, as well as serial correlation, and the frequently encountered





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The BATLAS platform is the first of its kind and provides important, freely available information on species distribution, data contributions and population trend indices. We are confident that this approach will help to improve the assessment of bat species conservation status in the Red Lists and to provide decision-makers with data-based information on population developments.

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