SAGE research**methods** datasets

Learn About Time Series Plots in SPSS With Data From the NOAA Global Climate at a Glance (1910–2015)

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About This Dataset

Data Source Citation

National Oceanic and Atmospheric Administration. (1910-2015). *Climate at a glance* [Data file]. Retrieved from http://www.ncdc.noaa.gov/cag/

Full title of originating dataset

Climate at a Glance – Global

Data author(s) and affiliations

National Centers for Environmental Information, National Oceanic and Atmospheric Administration, U.S. Department of Commerce

Dataset source website address

http://www.ncdc.noaa.gov/cag/

Data Universe

Global-scale temperature information from the Global Historical Climatology Network-Monthly (GHCN-M) dataset and the International Comprehensive Ocean-Atmosphere Data Set (ICOADS)

Funding sources/suppliers

National Oceanic and Atmospheric Administration

Data collection dates

1880 to Present

Time frame of analysis

1910 to 2015

Unit of analysis

Geographic Unit

Location covered by data

Global

Links to SRM content

- Pickup, M. (2015). *Quantitative applications in the social sciences: Introduction to time series analysis*. Thousand Oaks, CA: SAGE Publications, Inc. DOI: http://dx.doi.org/10.4135/9781483390857

- Ostrom, C. W., Jr. (Ed.). (1990). *Time series analysis*. (2nd ed.). Thousand Oaks, CA: SAGE Publications, Inc. DOI: http://dx.doi.org/10.4135/9781412986366

- Granados, J. (2008). Time series. In S. Boslaugh, & L. McNutt (Eds.), *Encyclopedia of epidemiology* (pp. 1036–1039). Thousand Oaks, CA: SAGE Publications, Inc. DOI: http://dx.doi.org/10.4135/9781412953948.n457

- Velicer, W., Hoeppner, B., & Goodwin, M. (2010). Time-series study. In N. J. Salkind (Ed.), *Encyclopedia of research design* (pp. 1520–1529). Thousand Oaks, CA: SAGE Publications, Inc. DOI: http://dx.doi.org/10.4135/9781412961288.n465

- Gu, F., & Kingston, N. (2010). Scatterplot. In N. J. Salkind (Ed.), *Encyclopedia of research design* (pp. 1318–1323). Thousand Oaks, CA: SAGE Publications, Inc. DOI: http://dx.doi.org/10.4135/9781412961288.n403

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- Jacoby, W. (Ed.). (1997). *Statistical graphics for univariate and bivariate data*. Thousand Oaks, CA: SAGE Publications Inc. DOI: http://dx.doi.org/10.4135/9781412985963

List of variables

year

Year

africa

Africa

asia

Asia

europe

Europe

northamerica

North America

southamerica

South America

oceania

Oceania

globalland

Global Land

globalocean Global Ocean

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