Summary: scikit-survival is an open-source Python package for time-to-event analysis fully compatible with scikit-learn. It provides implementations of many popular machine learning techniques for time-to-event analysis, including penalized Cox model, Random Survival Forest, and Survival Support Vector Machine. In addition, the library includes tools to evaluate model performance on censored time-to-event data. The documentation contains installation instructions, interactive notebooks, and a full description of the API. scikit-survival is distributed under the GPL-3 license with the source code and detailed instructions available at https://github.com/sebp/scikit-survival.

MSC: 68T05 Learning and adaptive systems in artificial intelligence

Keywords: time-to-event analysis; survival analysis; censored data; Python

Software: Scikit; pycox; Python; Statsmodels; GitHub; scikit-survival

Full Text: Link

References:


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