

针对时间序列分类（TSC）的深度模型

Deep Learning for Time Series Classification¹

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¹Hassan Ismail Fawaz et al. “Deep learning for time series classification: a review”. In: *Data Mining and Knowledge Discovery* 33.4 (2019), pp. 917–963.

Overview

TSC 社区生态

Libraries/Implements/Community

sktime²

sktime

- ▶ <https://github.com/alan-turing-institute/sktime>
- ▶ based on classic models (shallow)
- ▶ scikit-learn interface compatible

sktime-dl

- ▶ <https://github.com/sktime/sktime-dl>
- ▶ use Keras to implement all 9 **STOA** deep models above
- ▶ 暂时不能直接安装 (MacOS)

²Markus Löning et al. *sktime: A Unified Interface for Machine Learning with Time Series*. 2019. eprint: arXiv:1909.07872.