

# Model-free Characteristics of Asset Returns(Project)

## Description

By following the paper: “Tails, fears, and risk premia.”, we are able to separate jumps and continuous price variation under the risk-neutral distribution. In addition, several tail risk measures can be estimated in a model-free way. We provide python code to extract those model-free tail risk measures. If you are interested in this line of work, you can extend this for different assets and analyze predictability of those model-free risk measures. Please submit a grade report and CV to [maxim.ulrich@kit.edu](mailto:maxim.ulrich@kit.edu).

## Literature

“Tails, Fears and Risk Premia”

[https://www.jstor.org/stable/41305187?seq=1#metadata\\_info\\_tab\\_contents](https://www.jstor.org/stable/41305187?seq=1#metadata_info_tab_contents)

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