MAPIT

MATERIAL ACCOUNTANCY PERFORMANCE INDICATOR TOOLKIT

Material Accountancy Performance Indicator Toolkit

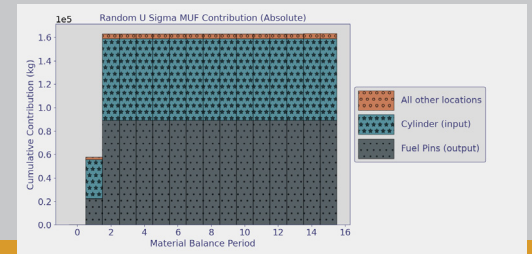# Simplifying accountancy for bulk facilities

Material accountancy is a cornerstone of safeguards and security for nuclear fuel cycle facilities. However, the underlying methodologies can often be difficult to interpret and implement. Written in Python, the Material Accountancy Performance Indicator Toolkit (MAPIT) is the first free and open-source toolkit for performing material accountancy for bulk nuclear facilities.

MAPIT provides both a graphical user interface and application programming interface to support a variety of workflows. Targeting seasoned experts and newcomers alike, MAPIT enables contrastive analysis to compare different facility sensor arrangements for optimal accountancy system design.
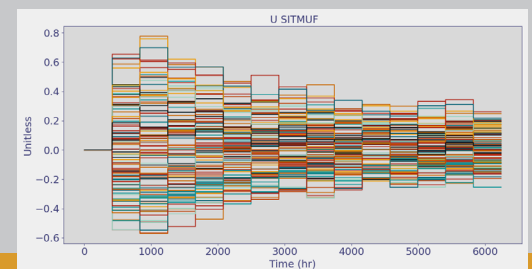
- ✓ **Implements common statistical tests**
- ✓ **Automated error propagation**
- ✓ **Comprehensive documentation**
- ✓ **Rich API and intuitive GUI**

EASY TO USE API

VERSATILE VISUALIZATIONS

BRING YOUR OWN DATA OR USE OUR EXEMPLARS

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