# IEEE Working Conference on Software Visualization (VISSOFT)



# **EVOSCAT: Exploring Software Change** Dynamics in Large-Scale Historical Datasets

EVOSCAT intends to provide researchers with a mean to produce scalable visualizations that can help them explore and characterize software evolution datasets, and compare the histories of individual artifacts.

### Use Cases:

Datasets:

M (Last Commit)

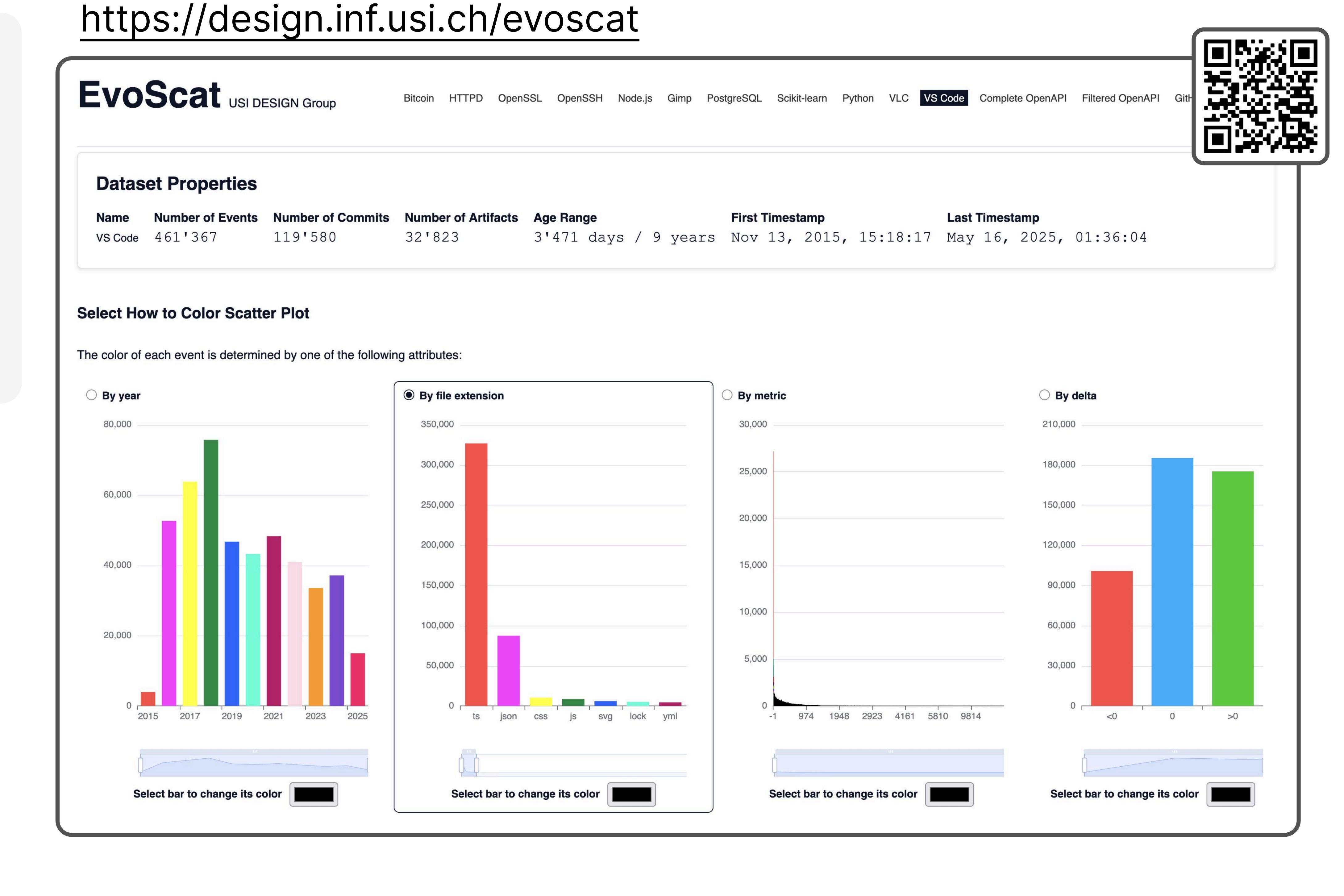
- Dataset Discovery
- Temporal Coverage
- Artifact Co-Evolution
- Anomaly Detection
- Lifecycle Monitoring

# Axes:

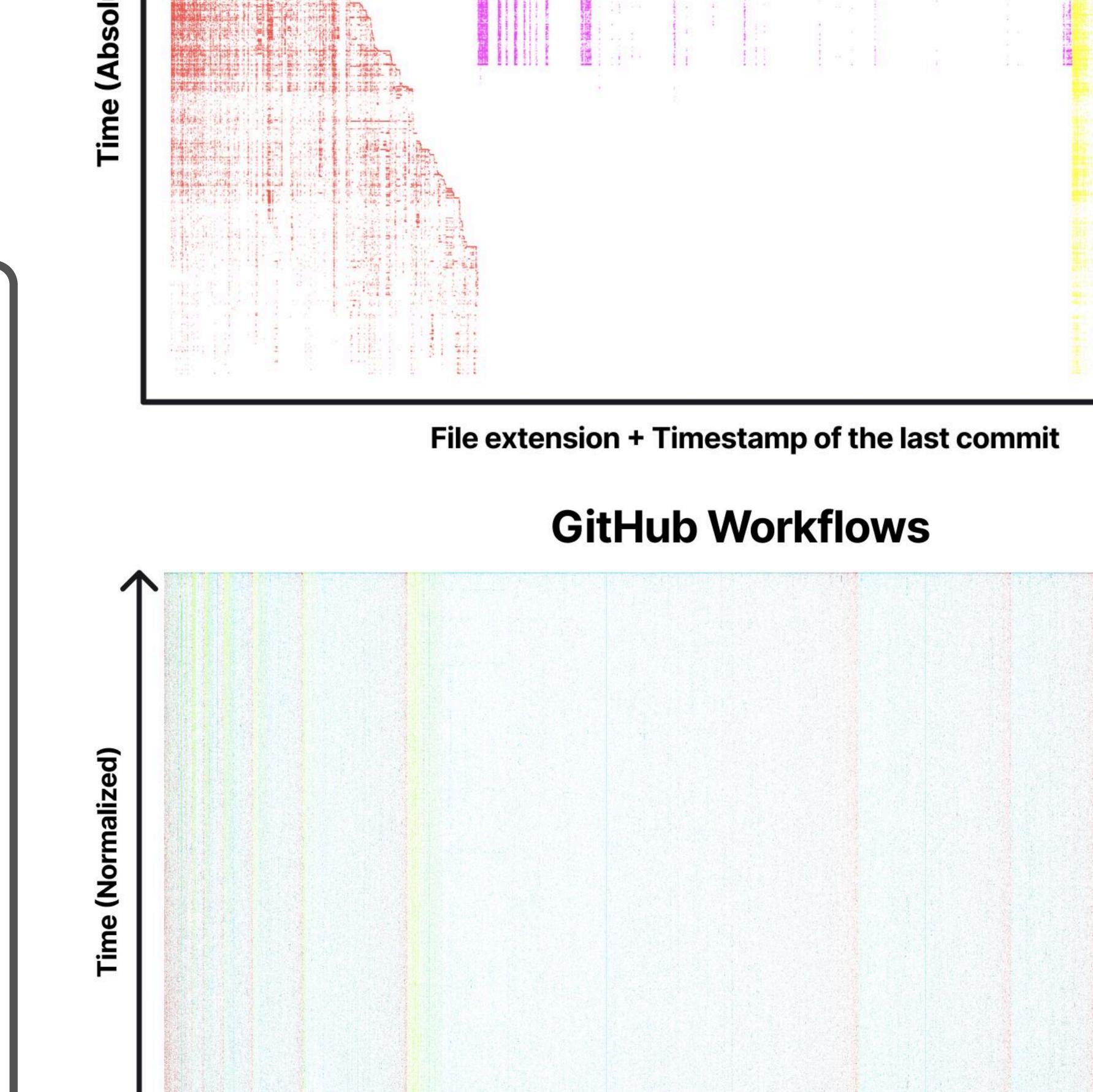
• From 500K to 1M events

• From 5 to 34 years of data

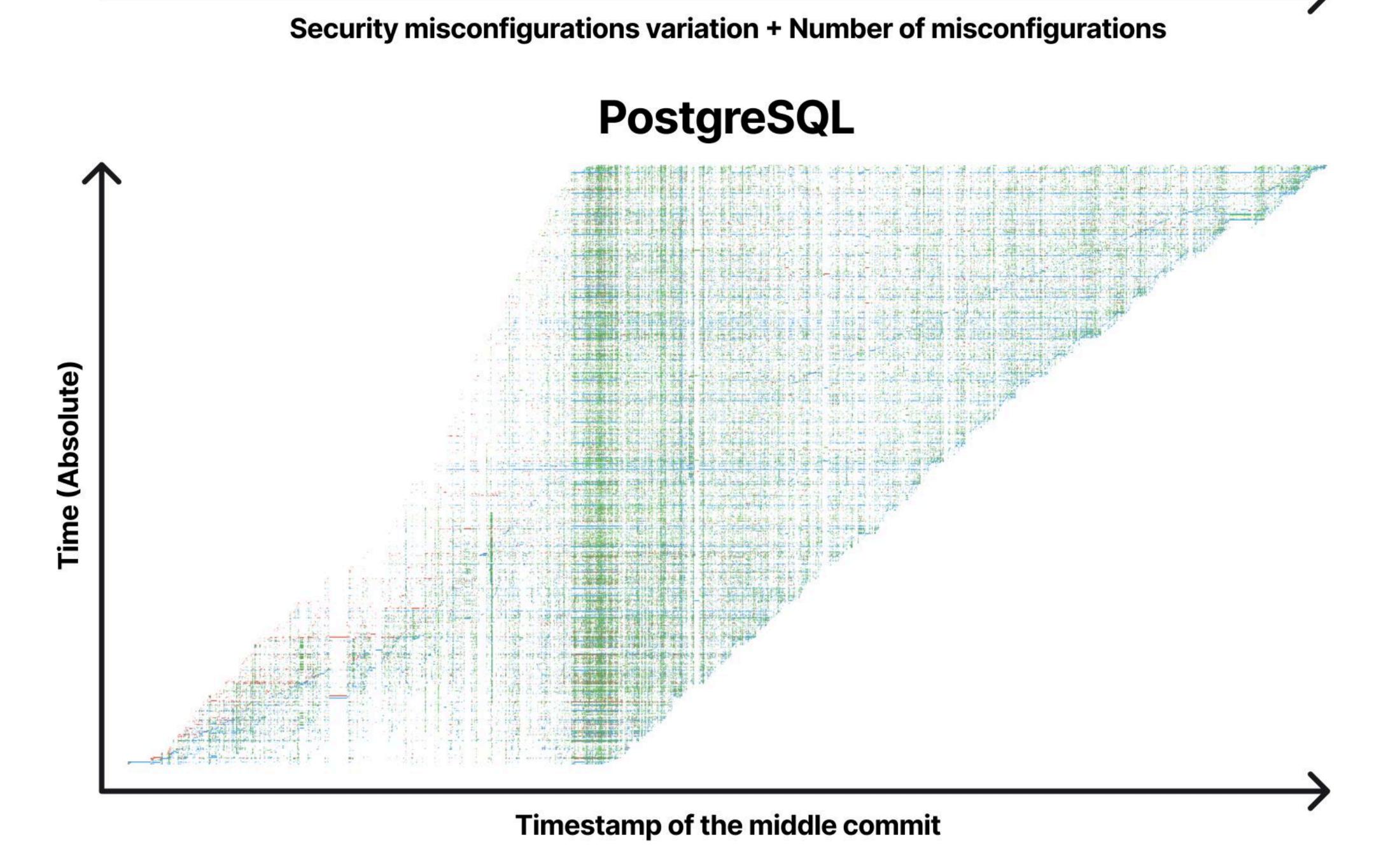
x: 28 Sorting Attributes y: 5 Time Mappings



Export Plot



cpython



To Gallery

Actively Maintained Files Unmaintained Files X: 0.644548, Y: 0.996209, 0, 0 May 2, 2025, 21:46:04 :src/vs/editor/test/common/codecs/baseToken.test.ts

