

# Report On Stochastic Process Discovery By Weight Estimation Experimental Results

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**Abstract.** Many algorithms now exist for discovering process models from event logs. These models usually describe a control flow and are intended for use by people in analysing and improving real-world organizational processes. The relative likelihood of choices made while following a process is highly relevant information which few existing algorithms make available in their automatically discovered models. This can be addressed by automatically discovered stochastic process models. This report presents more detailed experimental results related to a framework for automatic discovery of stochastic process models, detailed in a companion paper.

**Key words:** Stochastic Petri nets, process mining, stochastic process mining, stochastic process discovery

## 1 Introduction

This early draft technical report is being submitted to generate a report link. The remainder of the content is pending.

## 2 Results

## References