use case 1:

|  |  |  |  |
| --- | --- | --- | --- |
| A General Framework for Correlating Business Process Characteristics | **V** | *1/3/4/6/9/10/11/12* | 8 |
| COMPREHENSIBLE PREDICTIVE MODELS FOR BUSINESS PROCESSES | v (not avail) | 5 | 1 |
| Predictive bp monitoring framework with hyperparameter optimization | X | 7 | 1 |
| Data-aware remaining time prediction of bp instances | X | 8 | 1 |

use case 2:

|  |  |  |  |
| --- | --- | --- | --- |
| Predictive bp monitoring framework with hyperparameter optimization | **V** | 3/4/10/11/12 | 5 |
| A framework for cost-aware process management: Cost reporting and cost prediction | X | 5 | 1 |
| Clustering-based predictive process monitoring | **V** | 6/7/9 | 3 |

use case 3:

|  |  |  |  |
| --- | --- | --- | --- |
| A General Framework for Correlating Business Process Characteristics | **V** | 4/5/6/7/9 | 5 |
| COMPREHENSIBLE PREDICTIVE MODELS FOR BUSINESS PROCESSES | X | 10/11/12 | 3 |

use case 4:

|  |  |  |  |
| --- | --- | --- | --- |
| Time prediction based on process mining | X | 5/9 | 2 |
| Data-aware remaining time prediction of bp instances | **V** | 2/6/7 | 3 |
| Prediction of bp durations using non-markovian stochastic petri nets | X | 8 | 1 |
| A General Framework for Correlating Business Process Characteristics | X | 10/11/12 | 3 |

use case 5:

|  |  |  |  |
| --- | --- | --- | --- |
| P-3-Folder: Optimal Model Simplification for Improving Accuracy in Process Performance Prediction | v (not avail) | 2/5 | 2 |
| Prediction of bp durations using non-markovian stochastic petri nets | **V** | 3 | 3 |
| Time Series Petri Net Models Enrichment and Prediction | **V** | 6/7/1 | 3 |
| Time prediction based on process mining | X | 9 | 1 |
| Prediction of Remaining Service Execution Time Using Stochastic Petri Nets with Arbitrary Firing Delays | **V** | 10/11/12 | 3 |

use case 6:

|  |  |  |  |
| --- | --- | --- | --- |
| Discovering Context-Aware Models for Predicting Business Process Performances | X | 2 | 1 |
| Prediction of bp durations using non-markovian stochastic petri nets | X | 4 | 1 |
| Minimizing Overprocessing Waste in Business Processes via Predictive Activity Ordering | X | 6/9 | 2 |
| A General Framework for Correlating Business Process Characteristics | **V** | 10/11/12 | 3 |

use case 7:

|  |  |  |  |
| --- | --- | --- | --- |
| Supporting Risk-Informed Decisions during Business Process Execution | **V** | 2/6 | 2 |
| Queue mining for delay prediction in multi-class service processes | **V** | 5/7 | 2 |
| A recommendation system for predicting risks across multiple bp instances | X | 8/9 | 2 |
| Prediction of business process durations using non-Markovian stochastic Petri nets” | X | 10/11/12 | 3 |

use case 8:

|  |  |  |  |
| --- | --- | --- | --- |
| Data-aware remaining time prediction of bp instances | **V** | 2/4/10/11/12 | 3 |
| Time prediction based on process mining | **V** | 3/6/7/8 | 4 |
| Time and activity sequence prediction of business process instances | X | 1/9 | 2 |