EXAMINE AND COMPARE DATABASE TECHNOLOGIES TO TIME SERIES DATA

Yosafe Fesaha Oqbamecail

Master's Thesis in Applied Computer Science and Engineering

Engineering Data Science Specialisation

Faculty of Technology, Environmental and Social Sciences

Western Norway University of Applied Sciences

24th August 2025

ABSTRACT

This is where you write the abstract.

ACKNOWLEDGMENTS

I would like to thank . . .

Contents

CHAPTER **1**

INTRODUCTION

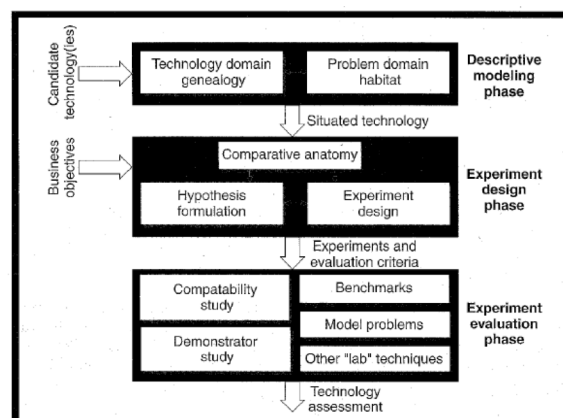# BACKGROUND AND RELATED WORK

This is another chapter...

Fig. 2.1: Software technology evaluation framework.

DESIGN AND ANALYSIS

IMPLEMENTATION AND PROTOTYPES

```java
public static void main(String[] args) {

  int b, h, d;
  String btext, htext, dtext;

  [ ... ]

  int volum = b * h * d;

  String respons =
      "Volum [" + htext + "," + btext + "," + dtext + "] = " + volum;

}
```

EVALUATION AND RESULTS

Table 5.1 gives an example of how to create a table.

Config	Property	States	Edges	Peak	E-Time	C-Time	T-Time
22-2	A	7,944	22,419	6.6 %	7 ms	42.9%	485.7%
22-2	A	7,944	22,419	6.6 %	7 ms	42.9%	471.4%
30-2	B	14,672	41,611	4.9 %	14 ms	42.9%	464.3%
30-2	C	14,672	41,611	4.9 %	15 ms	40.0%	420.0%
10-3	D	24,052	98,671	19.8 %	35 ms	31.4%	285.7%
10-3	E	24,052	98,671	19.8 %	35 ms	34.3%	308.6%

Table 5.1: Selected experimental results on the communication protocol example.

CONCLUSIONS AND FUTURE WORK

6.1   Main Contributions

6.2   Conclusions on Research Questions

6.3   Threats to Validity

6.4   Future Work

BIBLIOGRAPHY

[1] Random Quotation. https://www.google.com.

[2] Authors. Paper title. In *Proceedings of the 30th International Conference on Computer Science*, Bergen, Norway, 2001. IEEE.

SOURCE CODE

Where to find the source code . . . (if applicable)

RESEARCH DATA

Where to find the research data . . . (if applicable)

List of Figures

List of Tables