# Analyses of various algorithms

Term paper for INF221 2021

 $Mats\ Hoem\ Olsen,\ Roy\ Erling\ Granheim,\\ Sindre\ Stokke$ 



DataSci Norwegian university of life science 2021 December 3

# Contents

1	Introduction	2
2	Theory	2
3	Method used	2
4	Benchmarks	2
5	Discussion	2
6	Acknowledgements	2

Abstract

algorithm goes br<br/>rrr.  $\,$ 

#### 1 Introduction

Hi, we are students. How are you?[see 1]

### 2 Theory

If there is code, ther shal be code!

#### 3 Method used

In this section we will show our workflow and automation of tests. [look at 2, time: 1:23]

#### 4 Benchmarks

In this section we will analyse the performance of the different algorithms on exponentially growing test data.

#### 5 Discussion

We will in this section discuss our findings, and thoughts<sup>1</sup>

## 6 Acknowledgements

We acknowledge that we may, or may not be made out of bread.

#### References

- [1] T.H. Cormen et al. *Introduction to Algorithms*. Computer science. McGraw-Hill, 2009. 1292 pp. ISBN: 978-0-262-03384-8. URL: https://books.google.no/books?id=aefUBQAAQBAJ.
- [2] Professor Mike Merrifield and Professor Phil Moriarty. *Death of The Lecture Sixty Symbols*. In collab. with Brady Haran. July 28, 2020. URL: https://www.youtube.com/watch?v=vv1134PLylU (visited on 07/28/2020).

 $<sup>^1</sup>$ Although these thoughts are subjective, we will present them as facts. For our thoughts feel real to us.