## BDA - Project

## Jan Nyberg, Carl-Victor Schauman

## Contents

| Introduction                                       | 2        |
|--|----------|
| Description of the data                            | 2        |
| Description of models                              | 2        |
| Priors used  | 2        |
| Rstan code   | 2        |
| Running of stan model                              | 2        |
| Convergence diagnostics                            | 2        |
| Posterior predictive checks                        | 2        |
| Predictive performance assessment                  | 2        |
| Sensitivity analysis                               | 2        |
| Model comparison                                   | 2        |
| Discussion of issues and potential improvements    | 2        |
| Conclusion what was learned from the data analysis | 2        |
| Self-reflection                                    | <b>2</b> |

Introduction

Description of the data

Description of models

Priors used

Rstan code

Running of stan model

Convergence diagnostics

Posterior predictive checks

Predictive performance assessment

Sensitivity analysis

Model comparison

Discussion of issues and potential improvements

Conclusion what was learned from the data analysis

Self-reflection