#### BACHELOR INFORMATICA



## The Giving Game

Julian Ruger

May 16, 2015

Supervisor(s): Peter Weijland (UvA)

Signed:

#### Abstract

This is the abstract.

## Contents

1	Introduction	5
2	Theoretical background 2.1 The rules of the game	<b>7</b> 7 7
3	Selection rules	9
	3.1 Random rule	9
	3.2 Balance rule	9
	3.2.1 Hypothesis	9 9 9
4	Implementation           4.1 Back-end            4.2 Front-end	11 11 11
5	Experiments  5.1 Random rule	13 13 13 13 13 13
6	Conclusions and Discussions	<b>15</b>
7	Further research	17
8	Appendix A  8.1 Simulator manual	19 19

## Introduction

I will explain the purpose of this project.

## Theoretical background

I will explain the concept of the giving game.

#### 2.1 The rules of the game

The giving game can be used as a game theory so the rules of the game will be explained here.

#### 2.2 Paramaters

Alot of factors/paramets play a part in the model of the giving game. This section and 'The rules of the game' might form one section together.

## Selection rules

- 3.1 Random rule
- 3.1.1 Hypothesis
- 3.2 Balance rule
- 3.2.1 Hypothesis
- 3.3 Goodwill rule
- 3.3.1 Hypothesis

# Implementation

- 4.1 Back-end
- 4.2 Front-end

# Experiments

- 5.1 Random rule
- 5.1.1 Results
- 5.2 Balance rule
- 5.2.1 Results
- 5.3 Goodwill rule
- 5.3.1 results

## Conclusions and Discussions

## Further research

# Appendix A

- 8.1 Simulator manual
- 8.2 Code Documentation