The University of York Department of Computer Science

Submitted in part fulfilment for the degree of BEng.

Evolutionary agent-based simulation modelling of human life-history evolution

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Number of words = 8832, as counted by `wc -w`.
This includes the body of the report only.

Abstract

This is an abstract. Should be about 500 words long.

Contents

List of Figures

List of Tables

1 Introduction

This should be about 1000 words long.

2 Literature Review

This should be about 3000 words long.

2.1 What is Menopause?

2.2 Modelling techniques

Deterministic vs stochastic – computers provide new methods

2.2.1 Deterministic Models

2.2.2 Stochastic Models

2.3 Theories to explain evolution of menopause

2.3.1 Mother Hypothesis

2.3.2 Grandmother Hypothesis

2.3.3 Male Preference

2.3.4 Reproductive Conflict

Example 1.
Admittedly, this is a very simplistic description of what really happens, but the point is that TeX operates with glue and boxes. Letters are not the only things that can be boxes. [1] One can put virtually everything into a box, including other boxes. Each box will then be handled by LaTeX as if it were a single letter.

2.4 Male preference and modelling

3 Problem Description/Analysis

This should be about 1500 words long.

4 Design and Implemenation

This should be about 2500 words long.

5 Results and Evaluation

This should be about 2500 words long.

6 Conclusion

This should be about 1000 words long.

Bibliography

[1] S. D. Tuljapurkar, C. O. Puleston, and M. D. Gurven, "Why men matter: Mating patterns drive evolution of human lifespan," *PLOS ONE*, 2007. [Online]. Available: http://dx.doi.org/10.1371%2Fjournal.pone.0000785