Beyond the Thermodynamic Hypothesis

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Abstract

Analysis of thermodynamically based algorithms for RNA structure prediction

Keywords: Ribonucleic acid, structure, prediction, thermodynamic hypothesis.

CR Classification: J.3 Biology and genetics.

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1 Introduction

1.1 Motivation

mention hypothesis at end, which is that new algorithms have improved accuracy over older algorithms. As a secondary supposition, they should scale no worse than older algorithms.

1.2 Relevant Algorithms

Explain in high level terms the three algorithms tested

2 Materials and Methods

2.1 Environment

How I tested it

2.2 Data Set

Strand stuff

2.3 Algorithms

Config and stuff

2.4 Additional Software

gretl etc

2.5 Accuracy

explain f score and why it is useful for us

3 Results

3.1 Accuracy

3.1.1 Small RNA

3.1.2 Moderate RNA

3.1.3 Large RNA

3.2 Time

4 Discussion

5 Conclusions