Supporting Material

All the software, parameter files, and documentation required to easily replicate every experiment presented in this thesis are included in the accompanying CD. This section outlines the file structure of this CD.

The root directory contains 3 folders, one for each of the chapters where results from computational experiments are presented:

Folder "chapter4"

This folder contains an HTML file named "index.html" that can be used to easily access every program that was used to create each of the figures in chapter 4. All these programs were coded using Mathematica©. There is no need to make any alterations to the source code to obtain each of the figures presented in chapter 4.

Folder "chapter5"

This folder contains the following files and directories:

- "analyticalCalculation.nb" is the Mathematica© program used in section 5.7.3 to identify features that make outcomes stochastically stable. As explained in section 5.7.3, this program also calculates the exact long-run fraction of time that any 2-player system spends in each possible outcome when the probability of trembles tends to zero.
- "CBR-model" is a directory that contains an Objective-C implementation of the CBR-model, a detailed user guide that explains how to use the model (casd-0-userGuide.pdf), and several parameter files for demonstration.
- "N-CBR-model" is a directory that contains the Objective-C implementation of the specific N-CBR model that was used to produce figure 5-8, and several parameter files for demonstration.
- "dataForFigures" is a directory that contains all the parameter files and the data that were used to generate each of the figures in chapter 5.

Folder "chapter6"

This folder contains the following files:

- "index.html" is an HTML file that contains an applet of EVO-2x2 and detailed instructions on how to use it.

- "EVO-2x2.nlogo" is the NetLogo 3.0.2 (Wilensky, 1999) implementation of EVO-2x2. It also contains all the parameter files required to replicate all the experiments presented in chapter 6. These can be accessed using the "BehaviorSpace" tool that forms part of NetLogo.

- "EVO-2x2-3D.nlogo" is the NetLogo 3-D Preview 1 (Wilensky, 1999) implementation of EVO-2x2-3D.

- "NetLogoLite.jar" is a file required to run the applet in the HTML file "index.html".

- "extraSoftware" is a directory that contains the Perl script ("trimmer.pl") and the Mathematica© program ("graphGenerator-1.nb") used to conduct the automatic analyses explained in section 6.3.3.