# Iterated Prisoner's Dilemma Tournament Strategy Planner

You have two options for determining your strategy: You may (A) choose your first round strategies and responses for each of the 4 second-round and 16 later-round combinations of your and your opponent's two most recent histories, or (B) choose a play for each of the 25 rounds against each opponent. Choose one (1) method, and plan accordingly. Each play must consist of a number between 0 and 1, inclusive. 0 indicates that you will always defect, 1 indicates that you will always cooperate, and some decimal $p$ between 0 and 1 indicates that you will mix with probability $p$ of selecting cooperate.

This document is for planning purposes only. Once you have planned your strategy, carefully enter it into the form at http://goo.gl/dHDDp.

## A  or  B

### First round

| Opponent | | Your | | Your Response |
|---|---|---|---|---|
| t-1 | t-2 | t-1 | t-2 | |
| C | | C | | _____ |
| C | | D | | _____ |
| D | | C | | _____ |
| D | | D | | _____ |
| C | C | C | C | _____ |
| C | C | C | D | _____ |
| C | C | D | C | _____ |
| C | C | D | D | _____ |
| C | D | C | C | _____ |
| C | D | C | D | _____ |
| C | D | D | C | _____ |
| C | D | D | D | _____ |
| D | C | C | C | _____ |
| D | C | C | D | _____ |
| D | C | D | C | _____ |
| D | C | D | D | _____ |
| D | D | C | C | _____ |
| D | D | C | D | _____ |
| D | D | D | C | _____ |
| D | D | D | D | _____ |

| t= | Play |
|---|---|
| 1 | _____ |
| 2 | _____ |
| 3 | _____ |
| 4 | _____ |
| 5 | _____ |
| 6 | _____ |
| 7 | _____ |
| 8 | _____ |
| 9 | _____ |
| 10 | _____ |
| 11 | _____ |
| 12 | _____ |
| 13 | _____ |
| 14 | _____ |
| 15 | _____ |
| 16 | _____ |
| 17 | _____ |
| 18 | _____ |
| 19 | _____ |
| 20 | _____ |
| 21 | _____ |
| 22 | _____ |
| 23 | _____ |
| 24 | _____ |
| 25 | _____ |