Equilibrium with (CC, SS) payoff found: ('SS', 'CS')

Parameters: tau=0.05, b\_Ss=0.01, b\_Sc=0.02, b\_Cs=0.02, b\_Cc=0.03

Payoff: 0.8573991098702333

Huh?

Code to print different equilibria with given parameters

Print equilibrium for

The ('CS', 'SS') equilibrium only occurred once, with very specific parameter values:

* b\_Ss: 0.01
* b\_Sc: 0.01
* b\_Cs: 0.02
* b\_Cc: 0.03

v3:

All Pure Strategy Equilibria:

Equilibrium: ('SS', 'SS')

Occurrences: 14575819

Parameter Ranges:

b\_Ss: [0.01, 0.97]

b\_Sc: [0.01, 0.97]

b\_Cs: [0.02, 0.98]

b\_Cc: [0.02, 0.98]

Equilibrium: ('SS', 'CS')

Occurrences: 4402910

Parameter Ranges:

b\_Ss: [0.01, 0.96]

b\_Sc: [0.02, 0.97]

b\_Cs: [0.02, 0.98]

b\_Cc: [0.03, 0.98]

Equilibrium: ('SS', 'CC')

Occurrences: 7080086

Parameter Ranges:

b\_Ss: [0.01, 0.96]

b\_Sc: [0.02, 0.97]

b\_Cs: [0.02, 0.98]

b\_Cc: [0.03, 0.98]

**Equilibrium: ('CS', 'CS')**

**Occurrences: 152096**

**Parameter Ranges:**

**b\_Ss: [0.01, 0.96]**

**b\_Sc: [0.02, 0.97]**

**b\_Cs: [0.02, 0.97]**

**b\_Cc: [0.03, 0.98]**

Equilibrium: ('CS', 'CC')

Occurrences: 2829272

Parameter Ranges:

b\_Ss: [0.01, 0.96]

b\_Sc: [0.02, 0.97]

b\_Cs: [0.02, 0.97]

b\_Cc: [0.03, 0.98]

Equilibrium: ('SC', 'CC')

Occurrences: 935104

Parameter Ranges:

b\_Ss: [0.01, 0.78]

b\_Sc: [0.05, 0.97]

b\_Cs: [0.02, 0.79]

b\_Cc: [0.06, 0.98]

Equilibrium: ('CC', 'CC')

Occurrences: 935104

Parameter Ranges:

b\_Ss: [0.01, 0.78]

b\_Sc: [0.05, 0.97]

b\_Cs: [0.02, 0.79]

b\_Cc: [0.06, 0.98]

An equilibrium with the same payoff as (CS, CS) never occurs.

All Pure Strategy Equilibria:

Equilibrium: ('SS', 'SS')

Occurrences: 14575819

Parameter Ranges:

b\_Ss: [0.01, 0.97]

b\_Sc: [0.01, 0.97]

b\_Cs: [0.02, 0.98]

b\_Cc: [0.02, 0.98]

Equilibrium: ('SS', 'CS')

Occurrences: 4402910

Parameter Ranges:

b\_Ss: [0.01, 0.96]

b\_Sc: [0.02, 0.97]

b\_Cs: [0.02, 0.98]

b\_Cc: [0.03, 0.98]

Equilibrium: ('SS', 'CC')

Occurrences: 7080086

Parameter Ranges:

b\_Ss: [0.01, 0.96]

b\_Sc: [0.02, 0.97]

b\_Cs: [0.02, 0.98]

b\_Cc: [0.03, 0.98]

Equilibrium: ('CS', 'CS')

Occurrences: 152096

Parameter Ranges:

b\_Ss: [0.01, 0.96]

b\_Sc: [0.02, 0.97]

b\_Cs: [0.02, 0.97]

b\_Cc: [0.03, 0.98]

Equilibrium: ('CS', 'CC')

Occurrences: 2829272

Parameter Ranges:

b\_Ss: [0.01, 0.96]

b\_Sc: [0.02, 0.97]

b\_Cs: [0.02, 0.97]

b\_Cc: [0.03, 0.98]

Equilibrium: ('SC', 'CC')

Occurrences: 935104

Parameter Ranges:

b\_Ss: [0.01, 0.78]

b\_Sc: [0.05, 0.97]

b\_Cs: [0.02, 0.79]

b\_Cc: [0.06, 0.98]

Equilibrium: ('CC', 'CC')

Occurrences: 935104

Parameter Ranges:

b\_Ss: [0.01, 0.78]

b\_Sc: [0.05, 0.97]

b\_Cs: [0.02, 0.79]

b\_Cc: [0.06, 0.98]

(CS, CS) is an equilibrium in some parameter ranges.