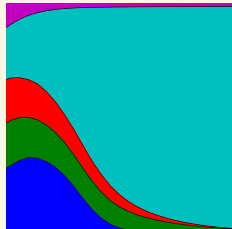


Vince: @drvinceknight
arxiv.org/abs/1707.06920



Software
Sustainability
Institute



@kirstyjean (2 Jun 2017):

Me: sets up flawless heat competition trial, lizards will fight over hot podium, there can only be one winner!

Lizards:

#ALLizards2017

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$$\begin{pmatrix} 3 & 0 \\ 5 & 1 \end{pmatrix}$$

$$\begin{pmatrix} 3 & 5 \\ 0 & 1 \end{pmatrix}$$



Robert Axelrod



Vincent Knight

@drvinceknight

Python/git - Axelrod's 'evolution of cooperation' tournament: [Blog post]:
goo.gl/zkgSkc [github]:
[github.com/drvinceknight/...](https://github.com/drvinceknight/) #gametheory



GitHub

drvinceknight/Axelrod

A repository used to reproduce Axelrod's tournament



[View on web](#)

RETWEETS

2

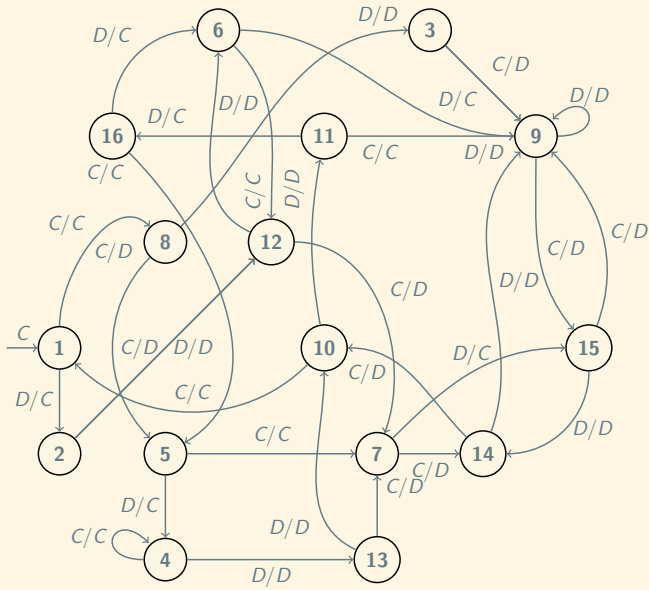
FAVORITES

3



12:54 PM - 20 Feb 2015

<https://github.com/Axelrod-Python/Axelrod/>

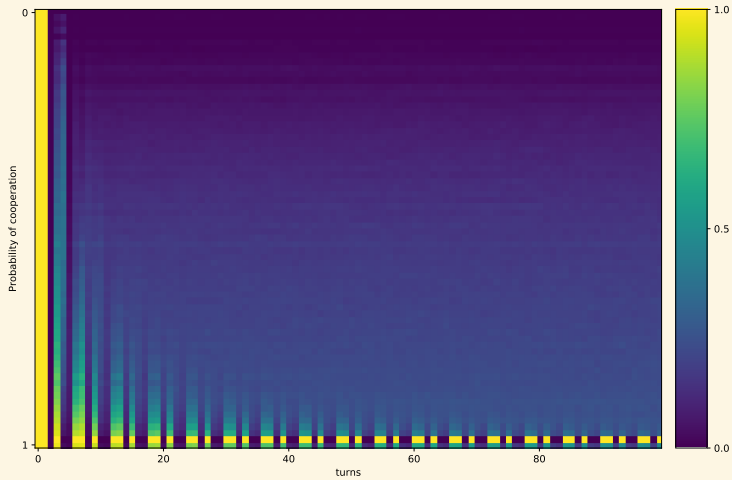


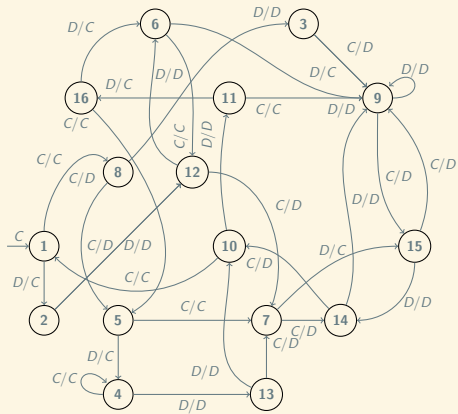
Invasion ($N = 14$)

	Player	Mean p_1
1	Evolved FSM 16	0.2096
2	PSO Gambler 2_2_2	0.2042
3	EvolvedLookerUp2_2_2	0.2014
4	Evolved ANN	0.2014
5	Evolved ANN 5	0.2004
6	Evolved HMM 5	0.1972
7	PSO Gambler 1_1_1	0.1955
8	Fool Me Once	0.1955
9	Evolved FSM 16 Noise 05	0.1943
10	PSO Gambler Mem1	0.1920
11	Evolved FSM 4	0.1918
12	Meta Hunter	0.1869
13	Evolved ANN 5 Noise 05	0.1858
14	Omega TFT	0.1849
15	Fortress4	0.1848
16	TF3	0.1846

Resistance ($N = 14$)

	Player	Mean p_{N-1}
1	CS	0.9984
2	TF1	0.9973
3	TF2	0.9949
4	Predator	0.9941
5	Prober 4	0.9863
6	Handshake	0.9812
7	Winner21	0.9778
8	Hard Prober	0.9731
9	Fortress4	0.9726
10	Ripoff	0.9669
11	Tester	0.9662
12	Grudger	0.9592
13	TF3	0.9589
14	Davis	0.9588
15	Retaliate 3	0.9580
16	Retaliate	0.9576





TF1 #1	TF1 #2
1: C	1: C
8: C	8: C
5: D	5: D
4: C	4: C
4: C	4: C
4: C	4: C
4: C	4: C
4: C	4: C

164

~~164~~ 211+

Julie Rymer - @Chadys - (10 May 2017):

And I really wanted to thank you all, I discovered your project because of a course where we needed to participate in an open source project, and I had the occasion to compare the welcome me and my coworkers received here compared to other people from my class who worked on different project. And I've got to said you are awesome on that part and on the help your provide to newbies I like your project so I'll try to continue to contribute now and then !

- ▶ @NikoletaGlyn
- ▶ @opcampbell
- ▶ marcharper.codes
- ▶ github.com/Axelrod-Python/Axelrod
- ▶ gitter.im/Axelrod-Python/Axelrod
- ▶ arxiv.org/abs/1707.06920

@drvinceknight

- ▶ vknight.org/gt/
- ▶ github.com/drvinceknight/Nashpy