PIP INSTALL AXELROD

PRISONERS' DILEMMA

- ▶ both sides are better off **Cooperating** (3)
- ▶ there is always a tempetation to **Defect** (5)

WHEN INTERACTING WITH A SNEAKY OPPONENT SHOULD PEOPLE HOLD A GRUDGE AGAINST THEM?

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Image: Control of the control of th
```

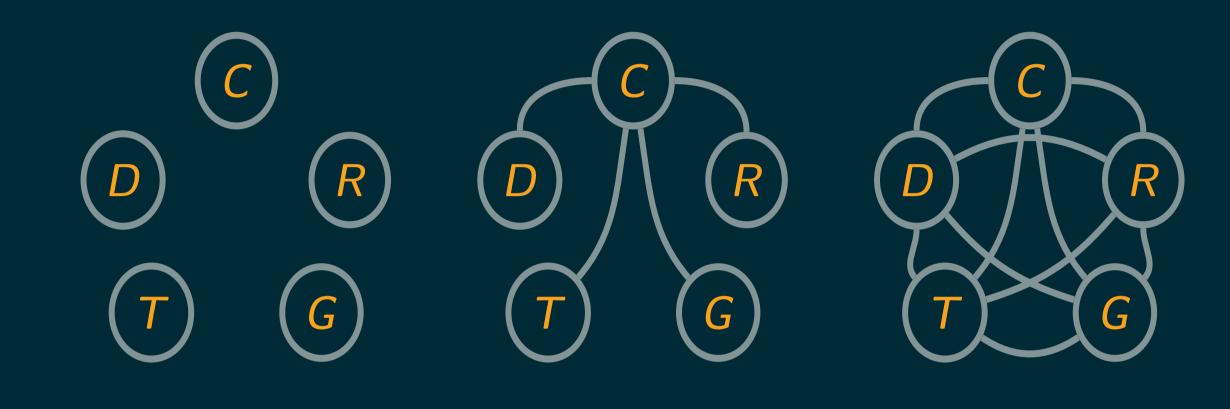
```
>>> import <u>axelrod</u> as <u>axl</u>
>>> first_match = axl.Match([
        axl.SneakyTitForTat(),
        axl.Grudger()],
        turns=20)
>>> first_match.play()[:6]
[('C', 'C'), ('C', 'C'), ('D', 'C'),
('D', 'D'), ('C', 'D'), ('C', 'D')]
>>> first_match.final_score()
(20, 55)
>>> second_match = axl.Match([
        axl.SneakyTitForTat(),
        axl.TitForTat()],
        turns=20)
>>> _ = second_match.play()
>>> second_match.final_score()
(57, 57)
```

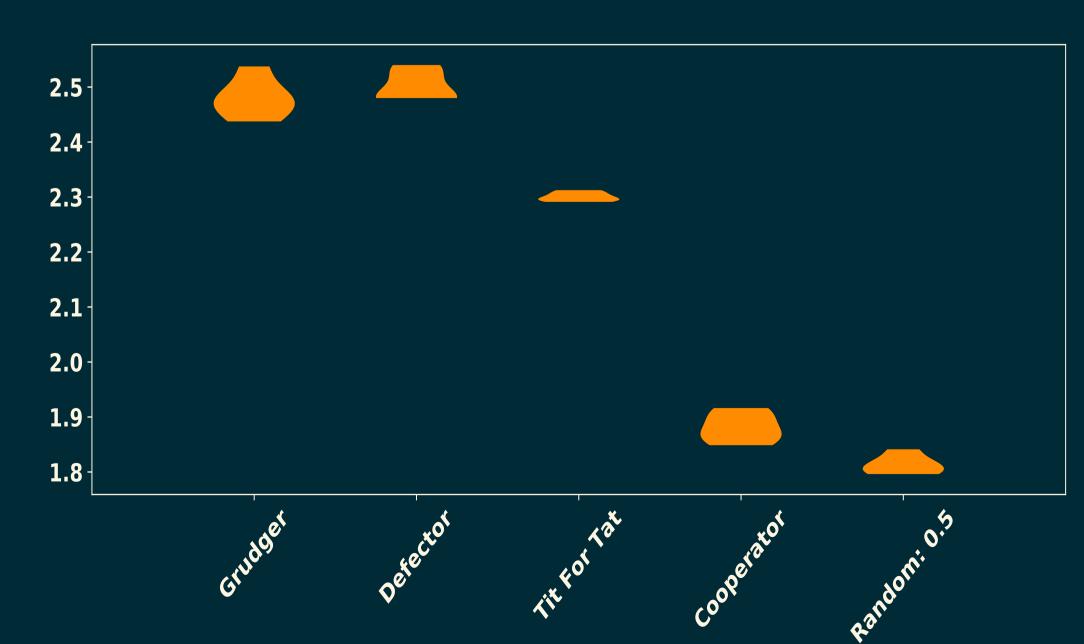
```
>>> assert axl.__version__ == "3.5.0"

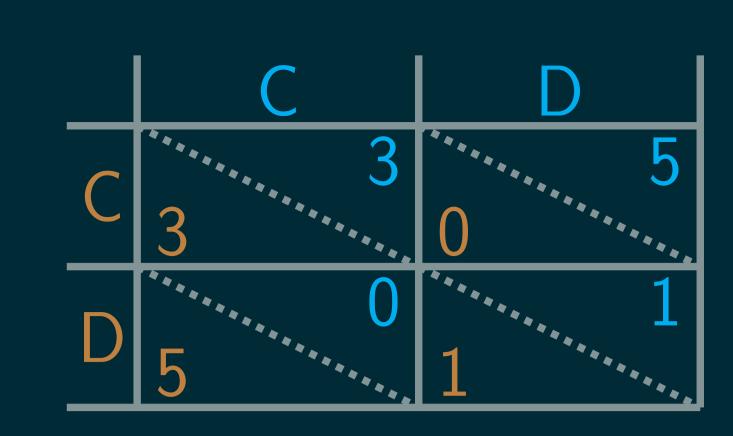
$ python -m doctest poster.tex

# 3 expected failures for readability
```

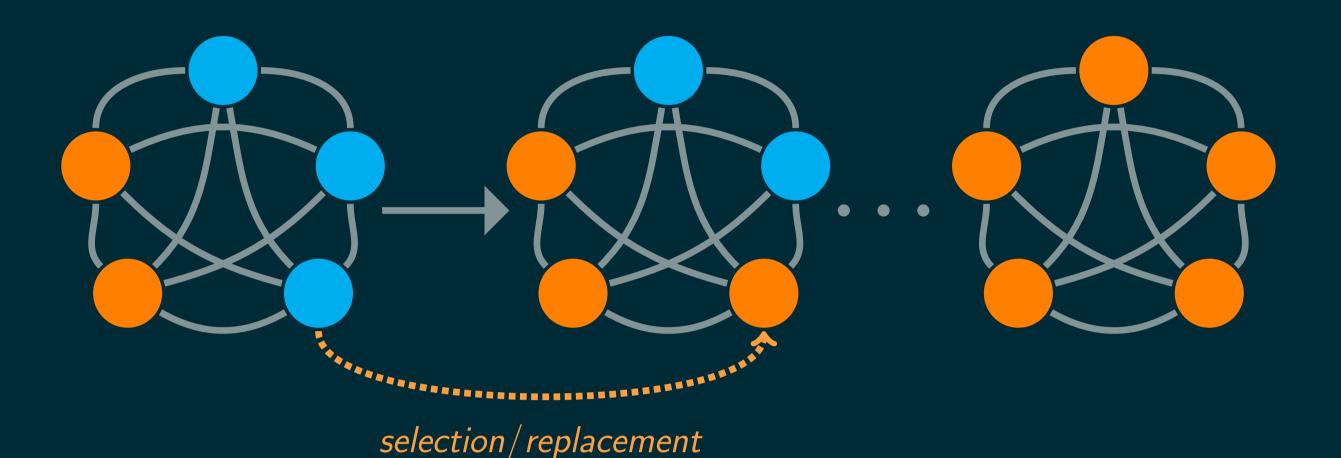
WHAT IS THE OPTIMAL STRATEGIC PLAY AGAINST THE MANY FACES OF WAR?







SHOULD THE NORTH JOIN HANDS WITH THE SOUTH TO DEFEAT THE NIGHT KING?



>>> import <u>axelrod</u> as <u>axl</u>

>>> import random

