



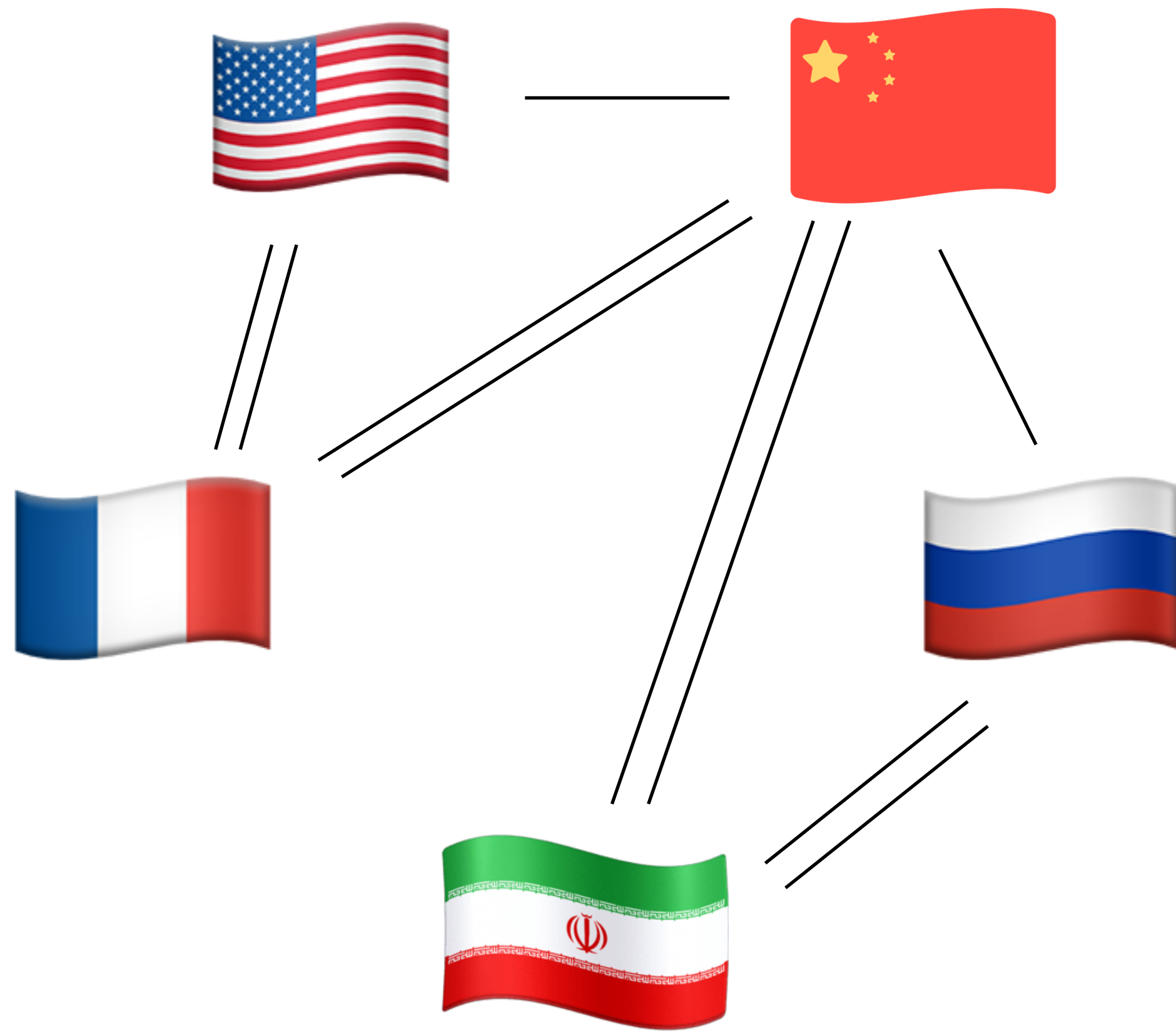
Section 10: Review

Kahoot!

<https://kahoot.it/challenge/?quiz-id=9c89c36e-5946-4809-8e91-42526ed69e64&single-player=true>

Practice Problem: Networks

Affiliation Matrix	IGO1	IGO2	IGO3	IGO4	IGO5
United States	1	1	0	0	0
France	1	1	0	0	0
China	0	1	1	1	0
Iran	0	0	1	1	1
Russia	0	0	0	1	1



1. Describe the tie characteristics
 - Binary/weighted?
 - Directed/undirected?
2. Describe the node characteristics
 - Quantity of ties?
 - Connecting clusters?

Practice problem: IPD (1)

- UN Charter makes territorial conquest illegal
 - If you invade, other country has right to self-defense
 - UN might authorize a mission against you
- Question: what size does δ need to be to sustain cooperation in the long term?
 - $\delta > (3 - 1)/3$
 - $\delta > 2/3$



		State B	
		Peace	Conquest
State A	Peace	1 , 1	-2 , 3
	Conquest	3 , -2	0 , 0

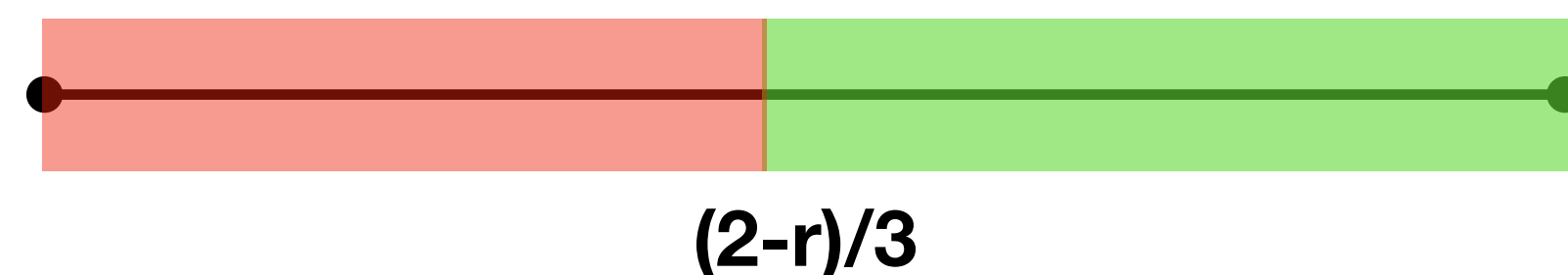
A single round of the PD

Practice problem: IPD (2)

- Suppose being a peaceful UN member gives you a reputation benefit ($r > 0$). How does this impact potential cooperation and why?

▸ $\delta > (3 - 1 - r)/3$

▸ $\delta > (2 - r)/3$



		State B	
		Peace	Conquest
State A	Peace	$1 + r, 1 + r$	$-2, 3$
	Conquest	$3, -2$	$0, 0$

A single round of the PD

Design a study

- Claim: violating the UN Charter decreases a state's reputation.
- How would you test this claim?
 - Define the unit of observation
 - Identify the sample of observations
 - Define the concept and measure of the DV and IVs

Related Classes (Fall 2022)

- Gov 1015: Strategic models of politics (Hummel)
- Gov 1734: Ethics & war (Rosen)
- Gov 1740: International law & institutions (Mikulaschek)
- Gov 1790: American foreign policy (Kertzer)

This section was brought to you by the numbers...

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Assignments

10

Sections

24

Lectures

fabulous
40

