

# Exercise 5

INR 3303: Foreign Policymaking

Name:

Due: Thursday, Oct. 20

Draw a line through all *inferior* (e.g., always worse) strategies and circle all nash equilibria. Payoffs are given in the order of (Row, Column). Preferences are ordinal (1 = best and higher numbers are increasingly bad). Example:

		Silent	Talk
<del>Silent</del>	2,2	4,1	
Talk	1,4	3,3	

1 = best  
4 = worst

Silent is a losing strategy for each side.  
3,3 is the only nash equilibrium.

1.

		<u>Column</u>	
		H	T
<u>Row</u>	H	3,1	2,2
	T	4,3	1,4

2.

		<u>Column</u>	
		H	T
<u>Row</u>	H	4,4	2,2
	T	1,1	3,3

3.

		<u>Column</u>	
		H	T
<u>Row</u>	H	2,4	3,1
	T	4,3	1,2

4.

		<u>Column</u>	
		H	T
<u>Row</u>	H	2,3	3,4
	T	1,2	4,1

**Bonus:**

5.

		<u>Column</u>		
		X	Y	Z
<u>Row</u>	X	7,2	8,3	2,1
	Y	3,5	5,7	9,6
	Z	6,4	4,8	1,9