

Record Sheet: Public Goods Contribution

《公共財自願捐獻》記錄單

Group# (組別): _____

	(1)	(2)	(3)=(1)*(2)	(4)	(5)=(3)+(4)	(6)
Round (回合)	Cards Kept (私庫紅牌數) (0, 1, 2)	Value of Card Kept (私庫每張 紅牌價值)	Total Value Cards Kept (私庫總值)	10*Total Donated (10*公庫 紅牌張數)	This Round Earnings (回合得分)	Total Earnings (累積得分)
Practice 1 (練習 1)		5				
Practice 2 (練習 2)						
1						
2						
3						
4						

List of Group Members:

Name (姓名)

Major (系級)

Student ID (學號)

《公共財自願捐獻》學習單

- (1) Discuss the following based on your results (請就黑板上所列之實驗結果，討論下列問題):
- A. What did your group do in the real round? How many red cards did you donate? (你們這一組在正式回合做了什麼樣的決策(亦即繳出幾張紅牌到公庫)?)
 - B. Explain your reason for this decision. (請解釋這些決策背後的思考邏輯或理由為何?)
 - C. Did you discuss other considerations or have disagreements on how much to donate? (小組討論時你們有提及哪些考量? 在繳出幾張牌的決策上有出現不一致的看法嗎?)
 - D. Did your decision differ from that of other groups? (請比較你們的決定跟其他各組的整體情況，有沒有什麼不同?)
 - E. What is the cost of donating a red card? (繳出一張紅牌到公庫的代價是什麼?)
 - F. What is the rate of return donating a red card? (繳出一張紅牌到公庫的投資報酬率是多少?)
 - G. Is it good for groups to donate (from a social standpoint)? Explain. (從所有組別的整體觀點來看，單一組別繳出紅牌到公庫是好事嗎? 請解釋你的推理。)
- (2) Some goods are non-rival, so adding another consumer does not reduce the utility of others consuming it. One example is the light house, since having another ship guided by its light at night does not prevent other ships from using its light. What are other examples of non-rival goods in the real world? Are reds cards donated in the experiment like this? Why or why not? (有一些商品具有「非敵對」(或譯為「共享」)的特性，任何一個消費者對這類商品的消費並不會減損其他消費者對該商品的消費，例如燈塔，夜間一艘船靠著燈塔的光芒指引入港方向，不會讓其他船無法借助燈塔的光芒。請找出一些現實世界中具有「非敵對性」的商品。另外，遊戲中的紅牌是否具備這樣的特性呢? 為什麼?)
- (3) Some goods are non-excludable, so one cannot prevent free-riders from enjoying it. One example is the light house, since we cannot prevent any ship from using its light at night. What are other examples of non-excludable goods in the real world? Are reds cards donated in the experiment like this? Why or why not? (有一些商品具有「非排他」的特性，沒有辦法排除任何一個消費者無償地消費這類商品，例如燈塔，我們不可能阻止任何一艘船在夜間利用燈塔的光芒。請找出一些現實世界中具有「非排他」的商品。另外，遊戲中的紅牌是否具備這樣的特性呢? 為什麼?)
- (4) If a firm produces something that is both non-rival and non-excludable, what problem will it face? (如果一家廠商生產的商品同時具有「非敵對」與「非排他」兩種特

性，你認為這家廠商會面臨什麼樣的問題?)

- (5) What did you discuss in the next-to-last round (when the experimenter left the room)? Did it affect your decision? Was the result of that round surprising to you? Why or why not? (在倒數第二回合主持人離開現場時，各組之間討論了些什麼？你們在決策時有受到這些討論的影響嗎？這個回合最後的結果有讓你感到驚訝嗎？如果有的話，為什麼驚訝呢?)
- (6) Did your decision change in the last round (compared to the next-to-last round)? Why or why not? Was the result of this round surprising? (相較於倒數第二回合，你們在最後一回合的決策有沒有不同呢？有的話又是為什麼呢？這回合其他組的決策有讓你感到驚訝之處嗎?)