Ph.D. Course of Political Sciences 2012-2013
University of Siena

## EXPERIMENTAL THESES

## A. DIFFERENT PLAYERS AND SYMMETRIC GAMES

HP: Different players $\Rightarrow$ Different choices in symmetric games

## GAMES

A. 1 Prisoner's Dilemma

|  |  | Player Column |  |
| :--- | :---: | :---: | :---: |
|  |  | C | D |
| Player <br> Row | A | 5,5 | $-9,10$ |
|  | B | $10,-9$ | 0,0 |

A. 2 Chicken game

|  |  | Player Column |  |
| :--- | :---: | :---: | :---: |
|  |  | C | D |
| Player <br> Row | A | $-10,-10$ | $5,-5$ |
|  | B | $-5,5$ | 0,0 |

A. 3 Battle of the sexes

|  |  | Player Column |  |
| :--- | :---: | :---: | :---: |
|  |  | C | D |
| Player <br> row | A | 2,1 | 0,0 |
|  | B | 0,0 | 1,2 |

## B. INFORMATION AND REPEATED GAMES

HP: one shot game and casual pairs $\Rightarrow$ different choices in repeated games and fixed pairs
B. 1

|  |  | Player Column |  |
| :--- | :---: | :---: | :---: |
|  |  | C | D |
| Player <br> Row | A | 0,0 | 90,91 |
|  | B | 91,90 | 0,0 |

C. SOCIAL NORMS AND REPEAED GAMES

Hp : noblesse oblige vs. competition (getting less in the past implies getting more later)
C. 1

|  |  | Player Column |  |
| :--- | :---: | :---: | :---: |
|  |  | C | D |
| Player <br> Row | A | 0,0 | 20,40 |
|  | B | 40,20 | 0,0 |

## D. ORDINAL OR CARDINAL PREFERENCES

HP: if preferences are ordinal in the three following games (different version of the prisoner's dilemma) choices do not change
D. 1 LIMITED MEMORY (vs, game A.1)

|  |  | Player Column |  |
| :--- | :---: | :---: | :---: |
|  |  | C | D |
| Player <br> Row | A | 5,5 | $-9,10$ |
|  | B | $10,-9$ | 0,0 |

D. 2

|  |  | Player Column |  |
| :--- | :---: | :---: | :---: |
|  |  | C | D |
| Player <br> Row | A | 0,0 | $-14,5$ |
|  | B | $5,-14$ | $-5,-5$ |

D. 3

|  |  | Player Column |  |
| :--- | :---: | :---: | :---: |
|  |  | C | D |
| Player <br> Row | A | 5,50 | $-9,100$ |
|  | B | $10,-90$ | 0,0 |

E. SALIENCE AND FOCAL POINTS

HP: do focal points exist in nature?
E. 1

|  |  | Player Column |  |
| :--- | :---: | :---: | :---: |
|  |  | C | D |
| Player <br> row | A | 10,10 | 0,0 |
|  | B | 0,0 | 1,1 |

E. 2

|  |  | Player Column |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | E | F | G |  |
| Player <br> row | A | 0,0 | 0,0 | 100,100 |  |

