

# Title of the Paper

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**Abstract** Write your abstract here.

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# 1 Introduction

This paper.<sup>1</sup>Theoretically, ...

The issue of ...

This paper is organized as follows. The next section presents ... Then, Section 3 discusses the ... Section 4 analyzes the ... Concluding remarks are offered in Section 5.

## 2 Model

### 2.1 Setup

### 2.2 Model

A player faces a dynamic optimization problem of 5 periods. Let  $\mathbf{a}_t$  denotes the player's action in period  $t$ ,

$$\mathbf{a}_t \in \{P, N\} \tag{1}$$

We denote the vector of action choices by  $\mathbf{a} = (a_1, a_2, a_3)$ . Playing in a period yields an immediately consumption level of  $x$  at a certain future cost, to be paid at period 4, while not playing yields no consumption and incurs no cost, so

$$x_t = \begin{cases} x & \text{if } a_t = P \\ 0 & \text{if } a_t = N \end{cases} \tag{2}$$

The player observe  $x$  in period 1 before she pick her action.

Let  $C_s$  denotes total cost for playing  $s$  games and  $S_t$  the number of games played up till and including time  $t$ .

### 2.3 Implications

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<sup>1</sup> Ashraf et. al [1] uses a ...

## References

Ashraf, Nava, Dean Karlan and Wesley Yin. “Tying Odysseus to the Mast: Evidence from a Commitment Savings Product in the Philippines.” Quarterly Journal of Economics. Vol. 121, No. 2, pp. 635-672. May 2006.