player $1, 2, \ldots, N$.

Tx : $tx_1, tx_2, \ldots, tx_M$.

$$S_1 = \begin{bmatrix} 1 \\ 0 \\ 1 \\ 1 \\ 0 \\ \cdots \end{bmatrix} \Big\} M. \qquad R(\text{reward}) = \begin{bmatrix} R_1 \\ R_2 \\ \cdots \\ R_M \end{bmatrix}$$

$$\langle S_i, \mathbb{1}_{1 \times M} \rangle = G \qquad \forall i \in [N].$$

if $\left(\sum S_i \right)_j \geqslant \Delta \cdot N$ then tx_j is included in next block. (i.e., $j \in [L]$)

Player i's reward is :

$$\sum_{j \in [L]} R_j \times \frac{(S_i)_j}{\left(\sum_{k=1}^{N} S_k \right)_j}$$

What is the optimal strategy ?