3.1 Strategies

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$S_2 = \{H, L\}$

$S_c = \{HH', HL', LH', LL'\}$ ← Cheryl + 2^c i from previous example on high/low effort

(H, LH') ← Profile

$S = S_2 \times S_c$

↳ Cartesian Product (matrix multiplication)

$s_i \in S_i \quad S = s_i \times s_2 \times s_3 \times s_n$ ← All Possibilities

S_{-i} is all strategies except Player i (think vectors in d

Player i utility = $U_i(S)$ or $U_i(s_i, S_{-i})$

$i = 7$ then $S_{-7} = (s_1 \ldots s_6, s_8 \ldots s_n)$ or $S(s_7, S_{-7})$

Every Profile maps to Payoffs

$U_i : S \to R$

Normal form?