	C_1	C_2	C_3
R_1	4,1	1,1	2,5
R_2	2,2	2,0	3,3
R_3	2,5	1,1	1,4

C_2 wd by C_1 C_3 wd by $R_1 + R_2$

C_2 Sd by C_3

wd/sd = weakly/strongly dominated

Pure vs weak Strategies

$\sigma_R = (.5, .5, 0)$

vc_1 3   >   2

vc_2 1.5 >   1

vc_3 2.5 >   1

$(.5, .5, 0)$ SD R_3

General Notation

S_i is dominated by σ_i if

$$V_i(\sigma_i, S_{-i}) > V_i(S_i, S_{-i}) \quad \forall \ S_{-i} \in S_{-i}$$

↳ for all

Rational Players do NOT play dominated strategies

PARETO EFFICIENCY

Contracting

$$V_i(q, S_{-i}) > V_i(S_i, S_{-i}) \quad \forall \ S_i \in S_{-i}$$

$$\& \ \forall \ S_i \in S_i \quad S_i \neq q$$