

## 6.3 Best Responses

Saturday, September 5, 2020 12:00 PM

Best responses or best replies

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

$$BR_1(1, 0, 0) = R_1$$

$$(0, 1, 0) \text{ or } (0, 0, 1) = R_2$$

$$BR_2(1, 0, 0) \text{ or } (0, 1, 0) = C_3$$

$$(0, 0, 1) = C_1$$

Column 2 is never BR because it's dominated

BR is  $U_i(s_i, \theta_{-i}) \geq U_i(s'_i, \theta_{-i}) \quad \forall s'_i \in S_i$ . If true,  
Strategy  $s$  is a BR to  $\theta_{-i}$ .

$$B_c = \{C_1, C_3\}$$