

Optimization	Values	Conditions 1	Conditions 2	Conditions 3	Conditions 4
		$\mathbf{S} \cdot \mathbf{r} = 0$ $r_i \geq 0$	$\mathbf{S} \cdot \mathbf{r} = 0$ $r_i \geq 0$ $r_s \leq 10$	$\mathbf{S} \cdot \mathbf{r} = 0$ $r_i \geq 0$ $r_s \leq 10$ $r_1 \leq 5$	$\mathbf{S} \cdot \mathbf{r} = 0$ $r_i \geq 0$ $r_s \leq 10$ $r_2 > 1$
rate-opt B	$r_b$	$\infty$	10	7.5	9
	$r_b/r_s$	$\infty/\infty=1$	$10/10=1$	$7.5/10=0.75$	$9/10=0.9$
yield-opt B	$r_b$	$r_s$	$r_s$	5	9
	$r_b/r_s$	$r_s/r_s=1$	$r_s/r_s=1$	$5/5=1$	$9/10=0.9$
rate-opt P	$r_p$	$\infty$	5	5	5
	$r_p/r_s$	0.5	0.5	0.5	0.5
yield-opt P	$r_p$	$r_s/2$	5	5	5
	$r_p/r_s$	0.5	0.5	0.5	0.5

Orange : R1

Green. : R2