i	Machine	t_i	n_i	$1-n_i$	$\hat{R}(t_i)$
1	5	190	10	9/10	9/10
2	1	250	9	8/9	9/10 × 8/9 = 8/10
3	9	432	8	7/8	8/10 × 7/8 = 7/10
4	3	673	7	6/7	7/10 × 6/7 = 6/10
5	2	780	6	5/6	5/10
6	4	891	5	4/5	4/10
7	8	922	4	3/4	3/10
8	6	1020	3	2/3	2/10

9 7 -

$R(432) = 0.7$

$R(673) = 0.6$

$\because \quad R(432) > R(500) > R(673)$

$\therefore \quad 0.6 < R(500) < 0.7$

$\therefore$ The claim that $R(500) = 0.95$ is not supported by the data.