

Power of Test

$(\alpha \leq 0.05, \beta \leq 0.20)$

Hypothesis-Testing	Reality	
	H_0 is True	H_1 is True
Reject H_0	α	$1 - \beta$
Fail to Reject H_0	$1 - \alpha$	β

Note:

α : Type I Error; $1 - \alpha$: Confidence Level.

β : Type II Error; $1 - \beta$: Power of Test.