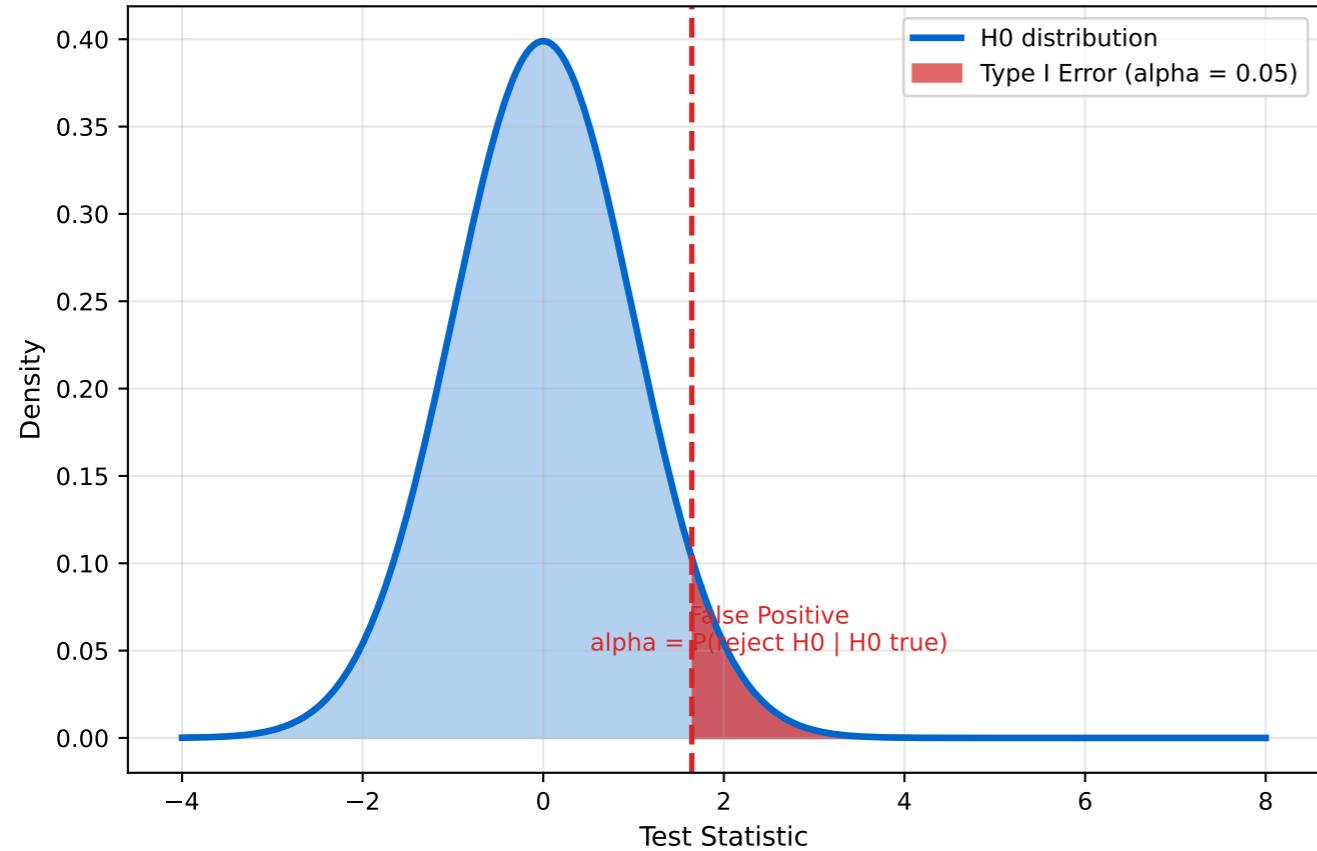
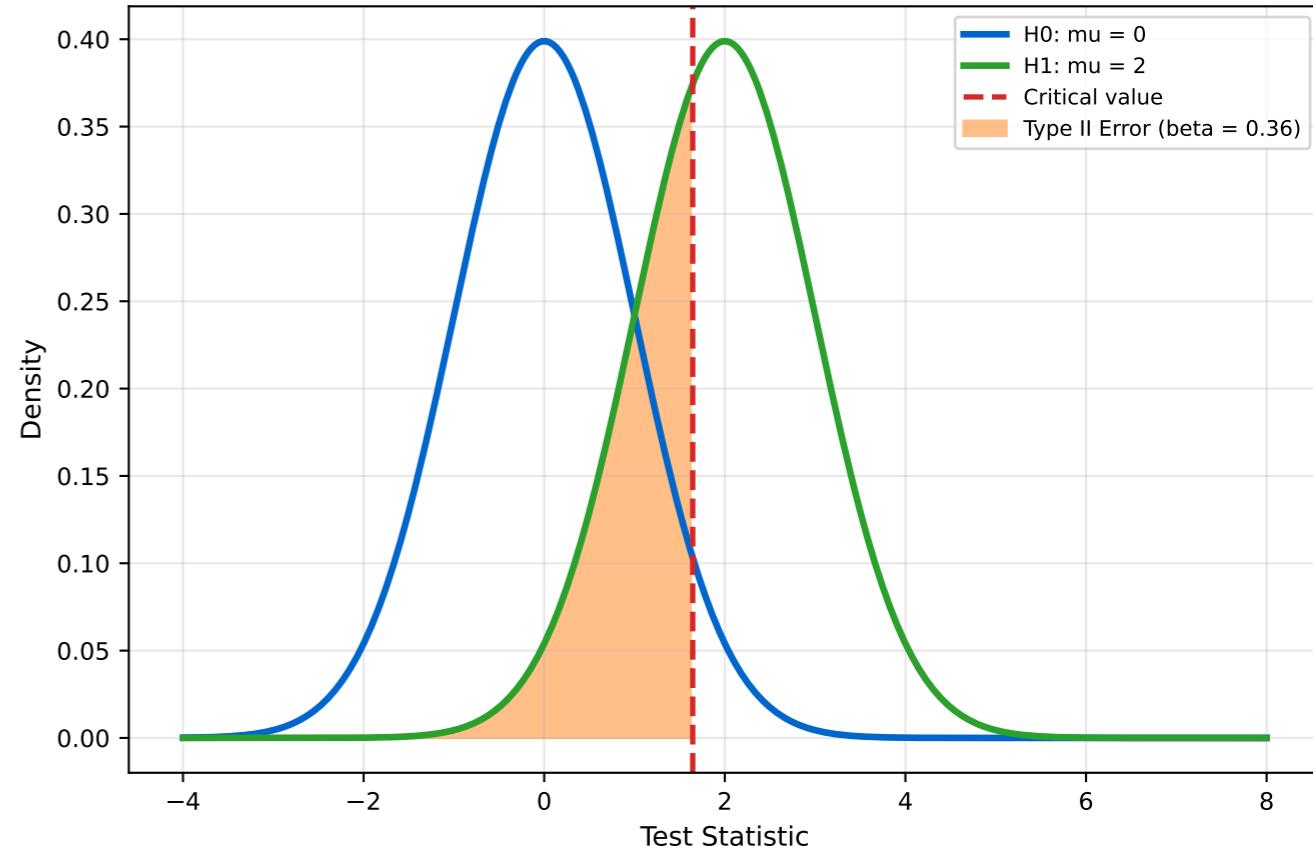


Type I and Type II Errors

Type I Error: Rejecting True H0



Type II Error: Failing to Reject False H0



Decision Matrix

	H0 True	H0 False
Reject H0	Type I Error (False Positive) alpha	Correct! (True Positive) $1 - \beta$ (Power)
Fail to Reject	Correct! (True Negative) $1 - \alpha$	Type II Error (False Negative) beta

Statistical Power vs Sample Size

