70000

· Suppose we reject the whenever p-value <a

· Note: three are some cores where no we should never do this

Trest		
	Ho is the	Ho is false
N regret to	TypeI	Ü
fail to		TypeII

P(Type I Error) Hotel Error) = a exactly

In most cases, P(Type I Error) = a exactly

· For disade rivis, sometimes P(Type I Error) < a

Ex: Suppose 29

In LAT worm-up, suppose d=0.1.

What is P(Type Itmor 1 Ho tre)?

Suppose d= 0.3. West 15 P(Type I Error Ho tre)?

P(Fyre II Error | Ho is felse) denoted by B.

Suppose x = 0.3, Find B.

Suppose x = 0.5. Find B.

P(Reject Holl Ho is false) = 1-P(Type (Itimor) Ho is false) = 1-B Suppose 0=0.3 and Ho Palse. Find By the power Suppose 0=0.5 and Hofalse. Find the power.