

PSYCHOPHYSICS & SIGNAL DETECTION THEORY

1. Detection

- a) What is it that is being detected?

- b) Thresholds (Types)

- c) Detecting Thresholds

2. Signal Detection Theory

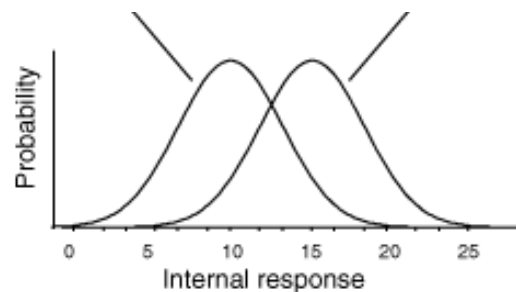
- some stimuli may not be detected above the noise
- due to...

Criterion (β)

Discriminability (d')

Calculating d'

		RESPONSE	
		YES	NO
SIGNAL PRESENT	YES		
	NO		



3. Psychophysical Methods

- a) Method of Limits

- b) Method of Adjustment

- c) Method of Constant stimuli

4. Difference Threshold / Limen

- a) Weber's Fraction

- b) Fechner's Law

- c) Steven's Power Law

5. Subliminal Perception

- a) Visual

- b) Backmasked speech

- c) Subaudible speech

- d) Accelerated speech

6. Relativity of Psychophysical Judgments