

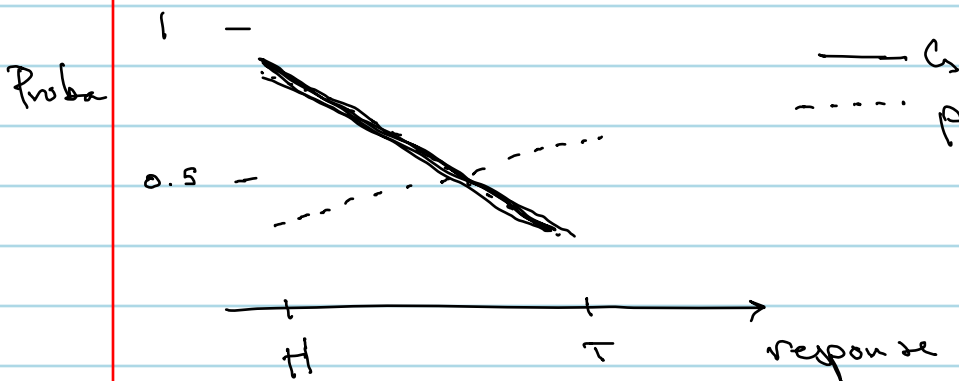
$P(\text{response} | \text{stim})$

H  
T

Green  
Purple

$P(H|G)$ ,  $P(T|G)$

$P(H|P)$ ,  $P(T|P)$



ML decoding.

Given... Response, choose stim that maximizes

$p(\text{response} | \text{stim})$

ie... if get H, choose

G if  $P(H|G) > P(H|P)$ , etc.

In continuous response case, amounts to putting a <sup>(can)</sup> THRESHOLD.  $z$

Stim A if response  $> z$ , B otherwise.

