Probability vs. Chance That Cole is Guilty 1.00 -Hidden Probability 0.75 -Opinion Innocent Guilty 0.25 -0.00 -Impossible About 1 About 1 About 1 About 1 1 chance About 9 About 99 About 999 About Certain 9,999 that he chance in chance in chance in chance in in 2 chances chances chances to be in 100 in 1,000 is guilty 10,000 1,000 100 10 (fifty-fifty in 10 chances guilty in 10,000 chance) Closed Response Chance