Multiple Choice vs Open-Ended Comparison Overall Position Bias Comparison Order Bias by Experiment Type 1.0 1.0 Multiple Choice Open-Ended 80.0% 0.8 8.0 70.4% Choice A Rate 7.0 9.0 Choice A Rate 7.0 8.0 0.2 0.2 0.0 0.0 Multiple Choice Open-Ended AB Örder BA Order Subject Preferences Comparison (Top 8) Response Time Distribution Comparison Multiple Choice Multiple Choice Open-Ended Open-Ended 12 10 10 8 **Number of Wins** Density 2 2 0.2 0.3 0.5 0.7 8.0 0.4 0.6 Response Time (seconds)