Birthday Problem: Probability of at least one shared Birthday Simulation Results 1.0 Analytical Results 50% Probability 0.9 8.0 0.7 0.6 -Probability 0.0 0.4 0.3 0.2 0.1 0.0 -15 30 35 55 65 80 90 20 60 85 25 45 70 10 75 40 50 95 100 5 Number of People