Individual Participant Head Movement Trajectories by Point Cloud PCCasualSquat - Head Movement PCBlueSpin - Head Movement 1.75 Average Average 1.50 1.50 1.25 1.25 Head Velocity (m/s) 0.72 Head Velocity (m/s) 0.75 0.50 0.50 0.25 0.25 0.00 0.00 2.5 17.5 2.5 17.5 10.0 7.5 10.0 12.5 15.0 7.5 12.5 15.0 5.0 5.0 Time (seconds) Time (seconds) PCFlowerDance - Head Movement PCReadyForWinter - Head Movement 1.75 1.75 Average Average 1.50 1.50 1.25 1.25 Head Velocity (m/s) 0.75 Head Velocity (m/s) 0.12 0.22 0.50 0.50 0.25 0.25 0.00 0.00 2.5 7.5 7.5 10.0 12.5 2.5 10.0 12.5 15.0 17.5 5.0 15.0 17.5 5.0 Time (seconds) Time (seconds)