Pitching Analysis for pitcher Powers, Nick Pitch Speeds by Pitch Type Extension vs. Spin Rate Spin Rate (rpm) 50 -TaggedPitchType TaggedPitchType 2400 -ChangeUp ChangeUp Curveball Curveball 2000 -Fastball Fastball 0 -85 5.00 75 5.75 70 4.75 5.25 80 5.50 Pitch Speed (mph) Extension (ft) Vertical Break by Pitch Type Horizontal Break by Pitch Type Horizontal Break (in) Vertical Break (in) TaggedPitchType TaggedPitchType 20 -10 -ChangeUp ChangeUp 0 -10-Curveball –10 **-**Curveball -20 **-**Fastball Fastball ChangeUp Fastball Curveball Curveball ChangeUp Fastball Pitch Type Pitch Type Release Position Strike Zone Plot Vertical Location (ft) 5.7 -Pitch Type Pitch Type 5.5 -ChangeUp ChangeUp 5.3 Curveball Curveball 5.1 Fastball 0 -Fastball -2.0-1.6-1.2-3 -2 3 Horizontal Location (ft) X Location Pitch Location Heat Map Count (%) Pitch Type Usage 5 -120 -TaggedPitchType Y Location 90 -Count ChangeUp 60 -3 Curveball 30 -2 Fastball 0 -0 Curveball Fastball -3 -2 2 ChangeUp 3 X Location Pitch Type