Patient 5 Statistical Analysis - Differenced Data Glucose Mean over Time Glucose Mean over Time Glucose (mg/dL) Glucose (mg/dL) 2 2 0 0 -2 -2 $2018 \cdot 12 \cdot 09 \cdot 12 \cdot 13 \cdot 12 \cdot 11 \cdot 12 \cdot 21 \cdot 12 \cdot 25 \cdot 12 \cdot 29 \cdot 2019 \cdot 201$ Time (Day) Time (Day) Autocorrelation Partial Autocorrelation 1.0 1.0 Left Arm 0.5 Left Arm 0.5 0.0 0.0 -0.55 15 20 0 10 20 0 5 10 15 Lag Lag Autocorrelation Partial Autocorrelation 1.0 1.0 Right Arm Right Arm 0.5 0.5 0.0 0.0 -0.50 5 15 20 5 10 15 20 10 0 Lag Lag

P-values for: $L_ADF = 0.002$; $R_ADF = 0.001$;