Patient 5 Statistical Analysis - Differenced Data Glucose Mean over Time Glucose Mean over Time Left Arm Glucose (mg/dL) Right ArmGlucose (mg/dL) 2 2 0 0 -2 -2 $2018 \cdot 12 \cdot 09 \cdot 12 \cdot 13 \cdot 12 \cdot 17 \cdot 12 \cdot 21 \cdot 12 \cdot 25 \cdot 12 \cdot 29 \cdot 10^{1} \cdot 01 \cdot 05 \cdot 01 \cdot 9 \cdot 01 \cdot 13 \cdot 01 \cdot 17$ Time (Day) Time (Day) Autocorrelation Autocorrelation 1.0 1.0 Right Arm Left Arm 0.5 0.5 0.0 0.0 0 5 10 15 20 0 5 10 15 20 Lag Lag Partial Autocorrelation Partial Autocorrelation 1.0 1.0 Right Arm Left Arm 0.5 0.5 0.0 0.0 -0.5-0.55 10 15 20 5 10 15 20 0 0

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

Lag

Lag