Patient 1 Statistical Analysis - Differenced Data Glucose Mean over Time Glucose Mean over Time Right ArmGlucose (mg/dL) Left Arm Glucose (mg/dL) 2 3 2 1 1 0 0 2018-11-01 2018-11-15 2018-10-15 2018-12-01 2018-12-15 2019-01-01 2019-01-15 2018-10-15 2019-01-15 2019-02-01 2018-12-15 2019-01-01 2018-11-01 Time (Day) Time (Day) Autocorrelation Autocorrelation 1.0 1.0 Right Arm Left Arm 0.5 0.5 0.0 0.0 5 0 5 15 15 10 20 0 10 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 10 15 20 0 5 10 15 20 Lag Lag

P-values for: $L_ADF = 0.000$; $R_ADF = 0.000$;