Patient 7 Statistical Analysis - Differenced Data Glucose Mean over Time Glucose Mean over Time Right ArmGlucose (mg/dL) Left Arm Glucose (mg/dL) 2 **-**2 -22019-03-15 2019-04-01 2019-05-15 2019-06-01 2019-03-01 2019-03-15 2019-05-15 2019-06-01 2019-05-01 2019-04-01 2019-04-15 2019-05-01 Time (Day) Time (Day) Autocorrelation Autocorrelation 1.0 1.0 Right Arm 0.0 Left Arm 0.5 0.0 20 5 20 0 5 10 15 0 10 15 Lag Lag Partial Autocorrelation Partial Autocorrelation 1.0 1.0 Right Arm 0.5 Left Arm 0.5 0.0 0.0 -0.5-0.55 5 0 10 15 20 0 10 15 20 Lag Lag

P-values for: $L_{ADF} = 0.000$; $R_{ADF} = 0.001$;