Patient 1 Statistical Analysis Glucose Mean over Time Glucose Mean over Time Right ArmGlucose (mg/dL) Left Arm Glucose (mg/dL) 140 140 120 120 100 100 2018-12-01 2018-12-15 2018-11-01 2018-11-15 2019-01-01 2019-01-15 2019-02-01 2019-01-01 2019-01-15 2018-12-15 2018-12-15 Time (Day) Time (Day) Autocorrelation Autocorrelation 1.0 1.0 0.5 Right Arm 0.5 Left Arm 0.0 0.0 -0.5-0.55 20 0 5 10 15 20 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 -0.5-0.5

P-values for:  $L_{ADF} = 0.042$ ;  $R_{ADF} = 0.005$ ;

20

5

10

Lag

15

20

0

5

10

Lag

15

0