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

P-values for: $L_ADF = 0.042$; $R_ADF = 0.005$;

20

5

0

10

Lag

15

5

10

Lag

15

20

0