Patient 1 Statistical Analysis Glucose Mean over Time Glucose Mean over Time Glucose (mg/dL) Glucose (mg/dL) 140 140 120 120 100 100 2018-12-01 2018-12-01 2019-01-15 2019-01-15 2018-12-01 2018-12-15 2019-01-01 2019-02-01 2018-12-15 2019-01-01 2019-02-01 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 -0.5-0.55 0 5 10 15 20 0 10 15 20

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

Lag

Lag