Patient 4 Statistical Analysis - Differenced Data Glucose Mean over Time Glucose Mean over Time Right ArmGlucose (mg/dL) 3 2 1 0 -12019.01.01 2018-12-15 2018-12-01 2018-12-01 2018-12-08-12-15 2018-12-20 Time (Day) Time (Day) Autocorrelation Autocorrelation 1.0 Right Arm 0.5 0.0 0 0 5 5 10 15 20 10 15 20 Lag Lag Partial Autocorrelation Partial Autocorrelation 1.0 Right Arm 0.5 0.0

Left Arm Glucose (mg/dL)

2

0

1.0

0.5

0.0

1.0

0.5

0.0

-0.5

0

5

10

Lag

15

Left Arm

Left Arm

P-values for: $L_ADF = 0.010$; $R_ADF = 0.032$;

0

5

10

Lag

15

20

20