## Patient 13 Statistical Analysis - Differenced Data Glucose Mean over Time Glucose Mean over Time Right ArmGlucose (mg/dL) Left Arm Glucose (mg/dL) 1.0 2 0.5 0.0 -0.5 -1.0-1.52019-10-31 2019-08-15 2019-09-01 2019-09-15 2019-10-01 2019-10-15 2019-11-01 2019-10-29 2019-11-07 2019-11-09 Time (Day) Time (Day) Autocorrelation Autocorrelation 1.0 1.0 Right Arm 0.5 0.5 0.0 0.0 -0.55 5 20 0 10 0 10 15 15 20 Lag Lag Partial Autocorrelation Partial Autocorrelation 1.0 1.0 Right Arm 0.5 0.5 0.0 0.0

Left Arm

Left Arm

0

5

10

Lag

15

P-values for: L ADF = 0.001; R ADF = 0.000;

0

5

10

Lag

15

20

20