Patient 12 Statistical Analysis - Differenced Data Glucose Mean over Time Glucose Mean over Time Left Arm Glucose (mg/dL) Right ArmGlucose (mg/dL) 2 2 1 1 0 0 -2 2019-10-01 2019-01-15 2019-09-01 2019-09-15 2019-01-15 2019-08-15 2019-09-15 2019-10-01 2019-08-01 2019-09-01 Time (Day) Time (Day) Autocorrelation Autocorrelation 1.0 1.0 Right Arm Left Arm 0.5 0.5 0.0 0.0 5 0 5 10 20 0 10 20 15 15 Lag Lag Partial Autocorrelation Partial Autocorrelation 1.0 1.0 Right Arm 0.0 Left Arm 0.5 0.0 -0.55 0 10 15 20 0 5 10 15 20 Lag Lag

P-values for:  $L_ADF = 0.003$ ;  $R_ADF = 0.036$ ;