## Patient 10 Statistical Analysis - Differenced Data Glucose Mean over Time Glucose Mean over Time Right ArmGlucose (mg/dL) Left Arm Glucose (mg/dL) 1.0 0.5 0.5 0.0 0.0 -0.5 -0.5-1.0-1.02019.07.22 7019.07.01 2019.07.08 2019-08-01 2019-07-01 06.01 2019-06.08 2019-06.22 2019-06-01 -06-08 -06-15 -06-22 01-01 01-08 01-15 01-22 2019-01-22 Time (Day) Time (Day) Autocorrelation Autocorrelation 1.0 1.0 Right Arm Left Arm 0.5 0.5 0.0 0.0 0 0 15 20 5 10 15 20 5 10 Lag Lag Partial Autocorrelation Partial Autocorrelation 1.0 1.0 Right Arm 0.5 Left Arm 0.5 0.0 0.0 -0.5-0.50 5 10 15 20 0 5 10 15 20 Lag Lag

P-values for:  $L_ADF = 0.000$ ;  $R_ADF = 0.087$ ;