Patient 4 Statistical Analysis - Differenced Data Blood Glucose Mean over Time Blood Glucose Mean over Time Blood Glucose (mg/dL) Blood Glucose (mg/dL) 2 2 1 0 -12019.01.01 Time (Day) Time (Day) Autocorrelation Partial Autocorrelation 1.0 1.0 Left Arm Left Arm 0.5 0.5 0.0 0.0 -0.50 20 5 5 10 15 0 10 15 20 Lag Lag Autocorrelation Partial Autocorrelation 1.0 1.0 Right Arm Right Arm 0.5 0.5 0.0 0.0 0 5 10 15 20 0 5 10 15 20 Lag Lag

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