Left Arm Glucose (mg/dL) Right ArmGlucose (mg/dL) 2 2 1 1 0 -12019.09.01 2019-07-01 2019-07-01 2019-06-15 2019-07-15 2019-08-01 2019-08-15 2019-06-15 2019-07-15 2019-08-01 2019-09-01 2019-09-15 2019-08-15 Time (Day) Time (Day) Autocorrelation Autocorrelation 1.0 1.0 Right Arm Left Arm 0.5 0.5 0.0 0.0 5 5 15 15 20 0 10 20 0 10 Lag Lag Partial Autocorrelation Partial Autocorrelation 1.0 1.0 Right Arm Left Arm 0.5 0.5 0.0 0.0 5 0 10 15 20 0 5 10 15 20 Lag Lag

P-values for: $L_{ADF} = 0.037$; $R_{ADF} = 0.006$;

Patient 9 Statistical Analysis - Differenced Data

Glucose Mean over Time

Glucose Mean over Time