Captions

**Figure 1: Aggregate Daily Overlay (Tukey Smoothing)**

**Figure 2: Aggregate Daily Overlay (Loess Smoothing)**

**Figure 3: Daily Overlay per Subject (LOESS Smoothing)**

**Figure 4a: “cgmanalysis” Package Plots Compared to iPro 2 Daily Overlay**

Clockwise from top left: Aggregate Daily Overlay (Tukey Smoothing), Aggregate Daily Overlay (Loess Smoothing), iPro 2 Daily Overlay

**Figure 4b: “cgmanalysis” Package Plots Compared to Carelink 670G Daily Overlay**

Clockwise from top left: Aggregate Daily Overlay (Tukey Smoothing), Aggregate Daily Overlay (Loess Smoothing), Carelink 670G Daily Overlay

**Figure 4c: “cgmanalysis” Package Plots Compared to Dexcom Clarity Daily Overlay**

Clockwise from top left: Aggregate Daily Overlay (Tukey Smoothing), Aggregate Daily Overlay (Loess Smoothing), Dexcom Daily Overlay

**Figure 4d: “cgmanalysis” Package Plots Compared to Diasend Daily Overlay**

Clockwise from top left: Aggregate Daily Overlay (Tukey Smoothing), Aggregate Daily Overlay (Loess Smoothing), Diasend Daily Overlay

**Table 1: Summary Measures of Glycemia**

**Table 2: Summary Variable Comparisons**