Assignment 2 CDA

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1   Familiarization with the data

The dataset contains a total of 44 signals, with some being static values, other being sinusoid signals, and others being partially discrete (as in, they can rise or drop at certain points). L-signals tend to be more sinusoidal, F-signals tend to be "partially discrete", and S-signals are all binary signals.

All the signals together seem to have little correlation. Some combinations of signals are reasonably correlated: e.g. L_T3 and P_J302 have a 0.42 correlation coefficient.
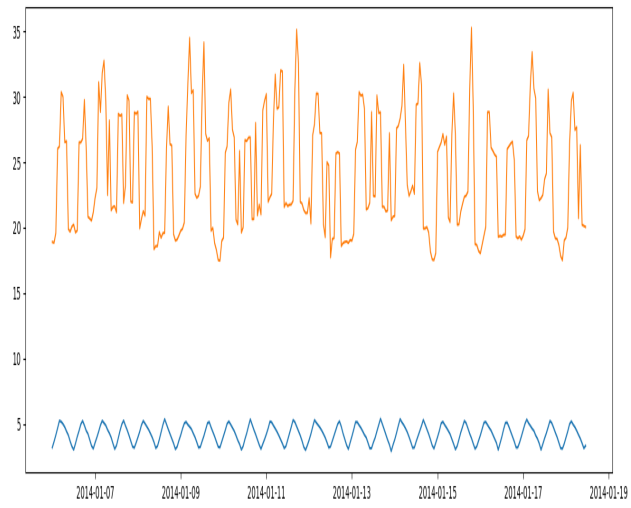
Figure 1: Signals L_T3 and P_J302. The peaks are roughly aligned.