$$\text{WASO} = \sum_{\substack{\text{Sleep} \\ \text{Onset} \\ \text{Time}}}^{\text{Sleep}} \left\{ \begin{array}{c} \| \, WakefulPeriod \, \|, \\ 0 \\ \| \, WakefulPeriod \, \| > 5, \\ otherwise \end{array} \right.$$

$$\begin{aligned} \text{Sleep Efficiency} &= \frac{\textit{Total Sleep Time}}{\textit{Total Minutes in Bed}} \\ &= \frac{\parallel \textit{Sleep Period} \parallel - \textit{WASO}}{\parallel \textit{Sleep Period} \parallel + \textit{Latency}} \end{aligned}$$