

Figure 1: The minimum requirement of duty cycle in different update frequency and success probability  $\frac{1}{2}$ 

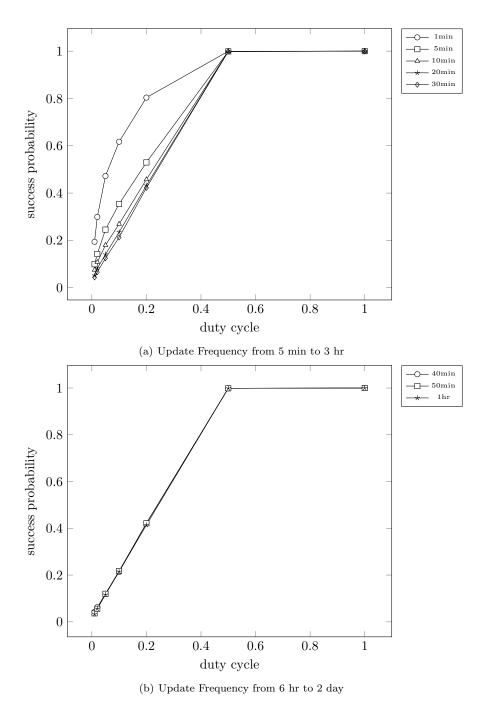


Figure 2: The success probability of different duty cycle and update frequency