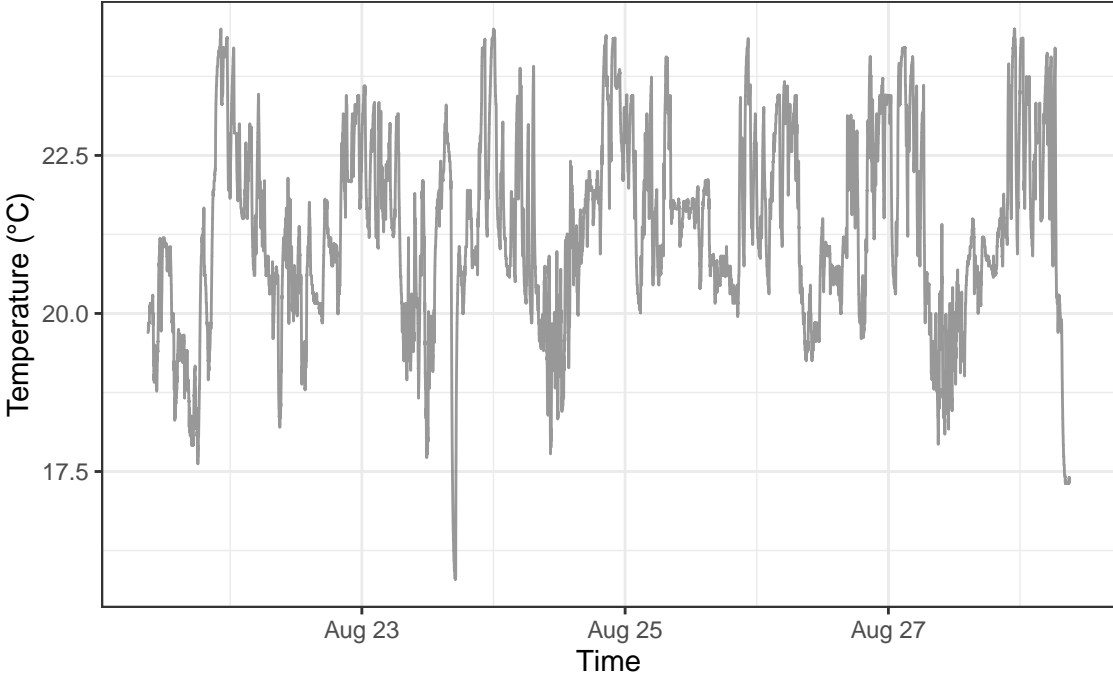
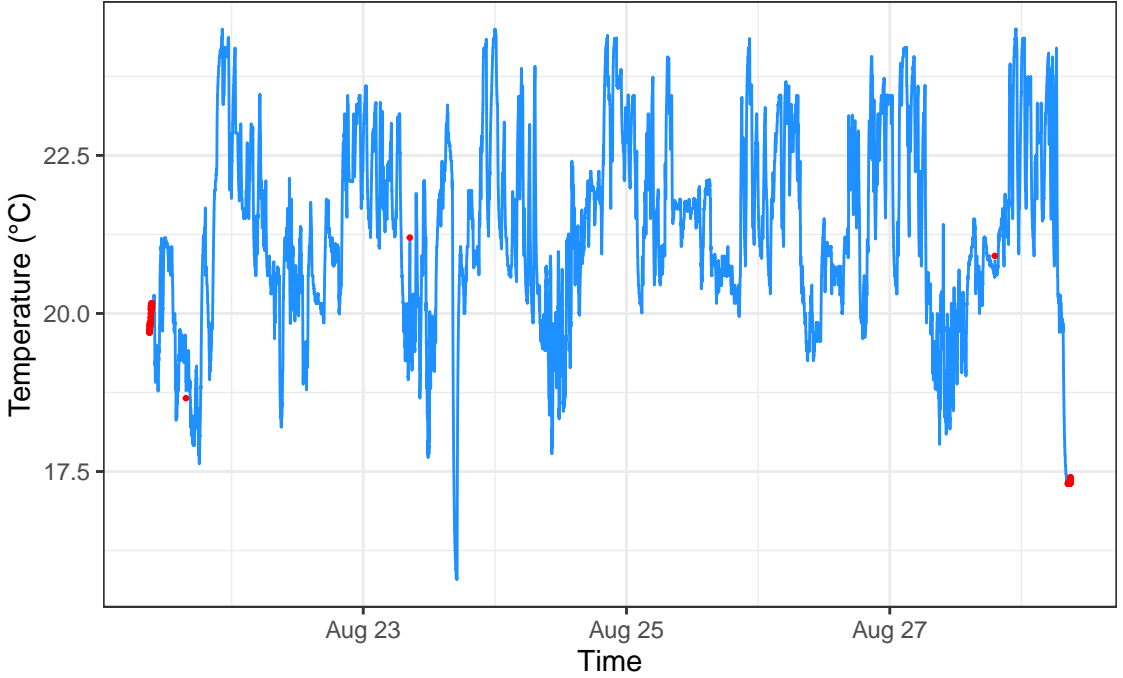


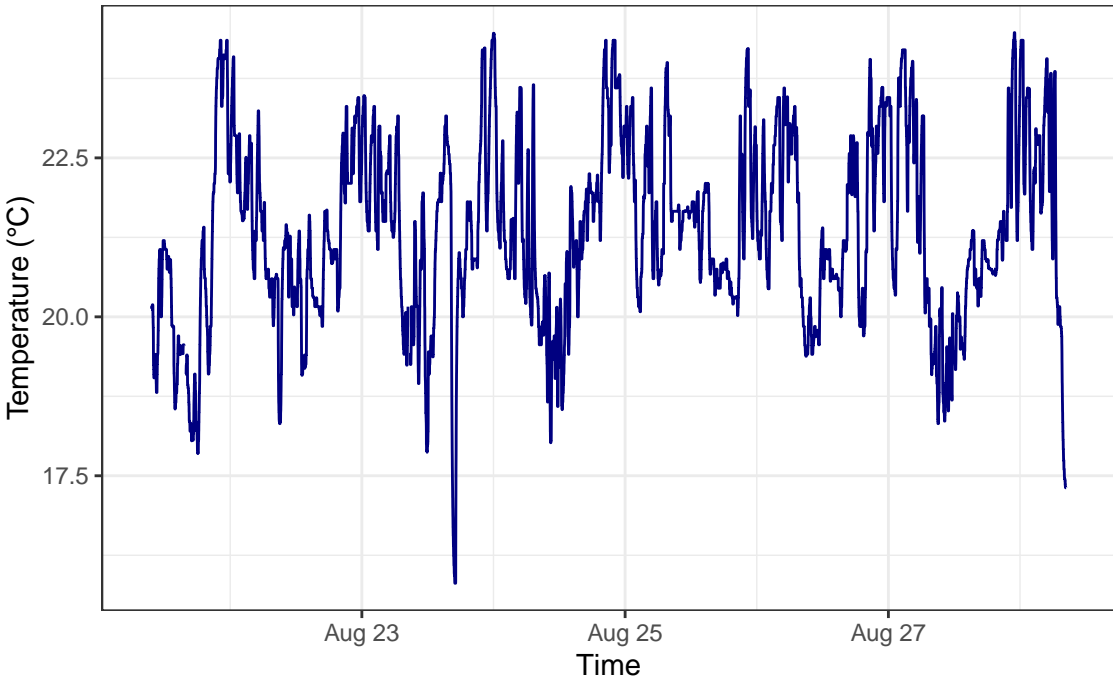
A: Raw Data



B: Z-Score Filtered Data

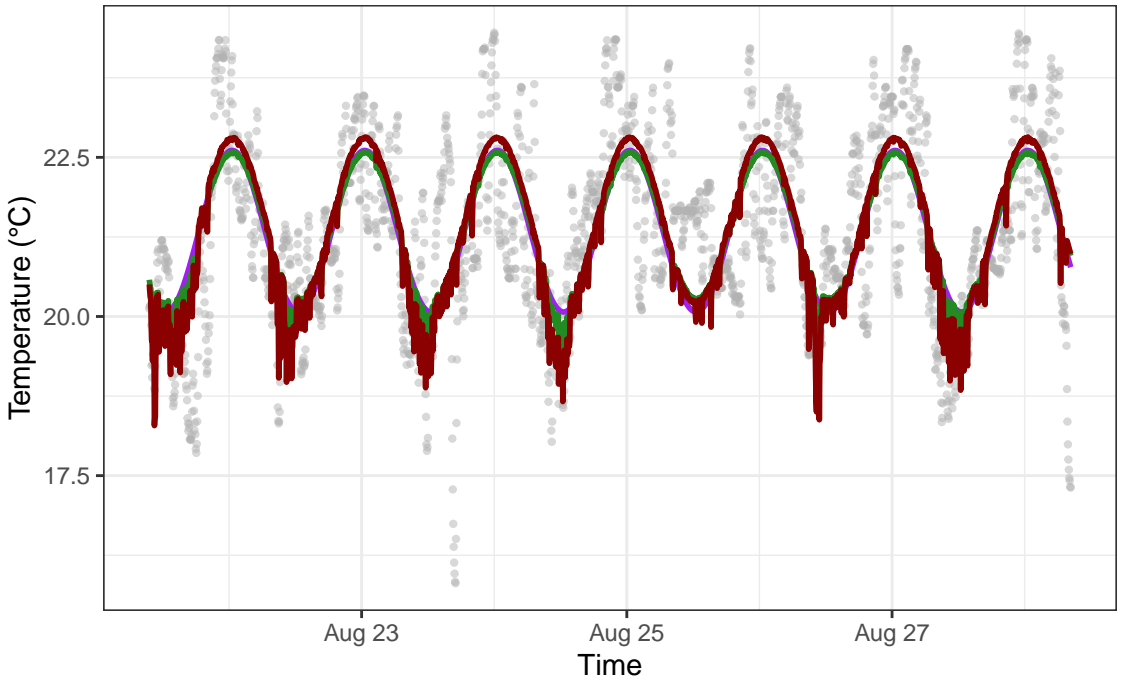


C: Smoothed Temperature Signal



D: Model Comparison & Activity Effect

Comparing Circadian-Only, Full Circadian+Activity, and Activity Effect on Residuals



Model Type    — MLM (Circadian + Activity)    — MLM (Circadian Only)    — MLM (Circadian) + Activity