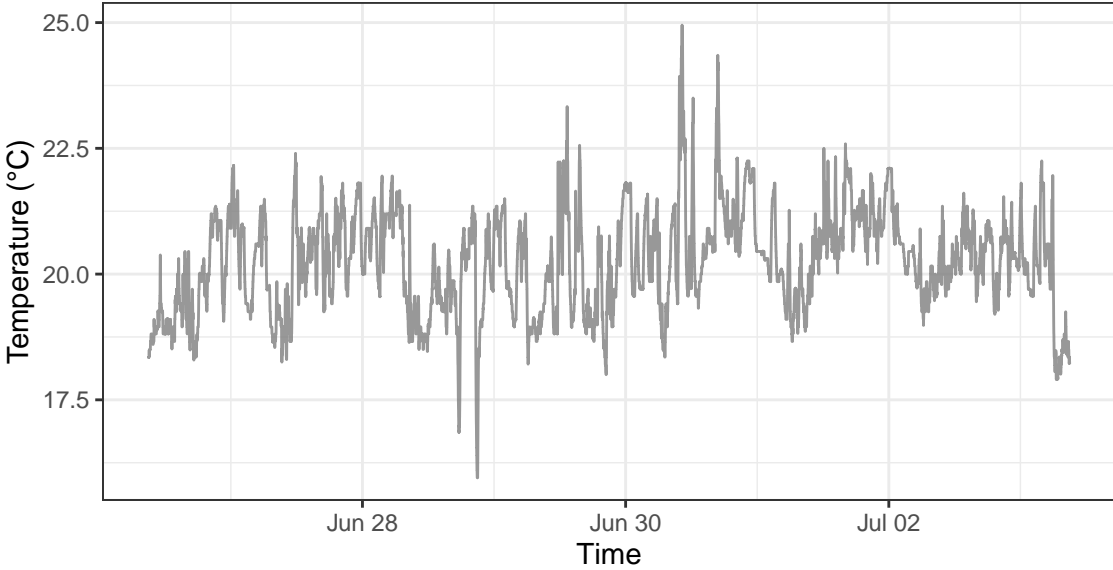
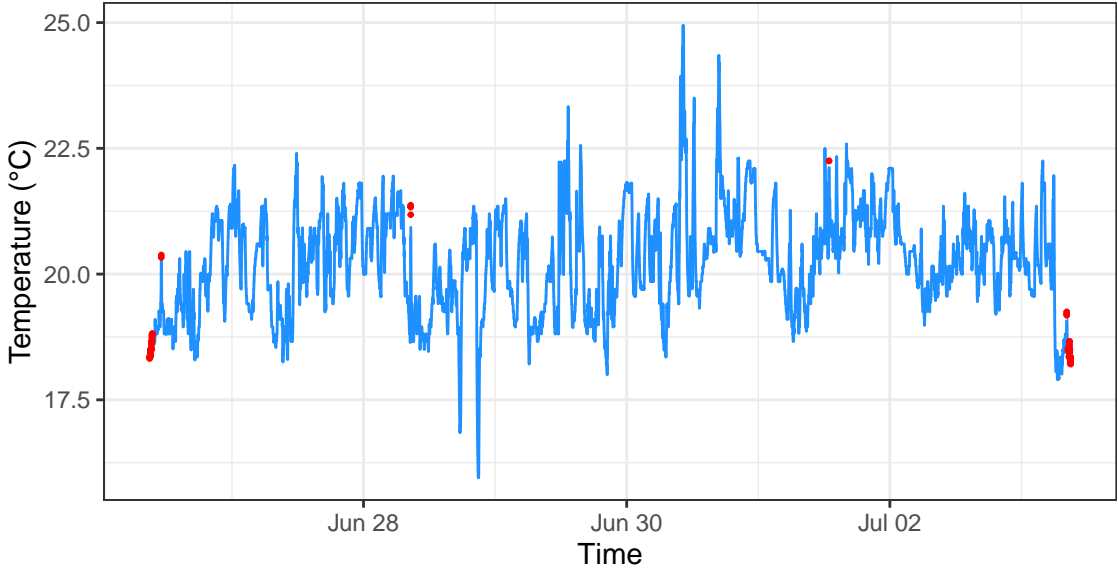


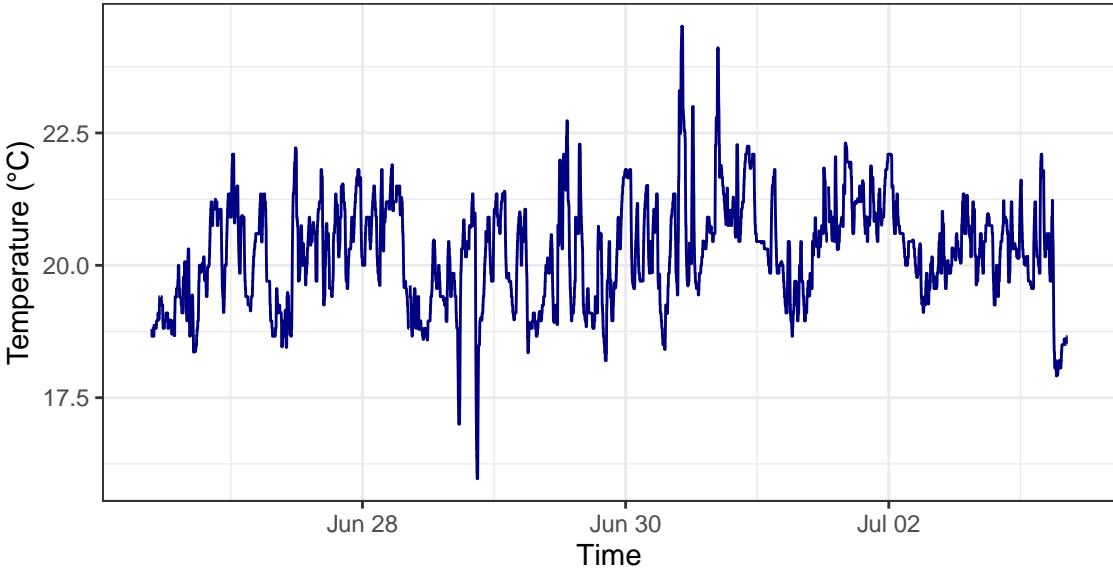
A: Raw Data



B: Z-Score Filtered Data

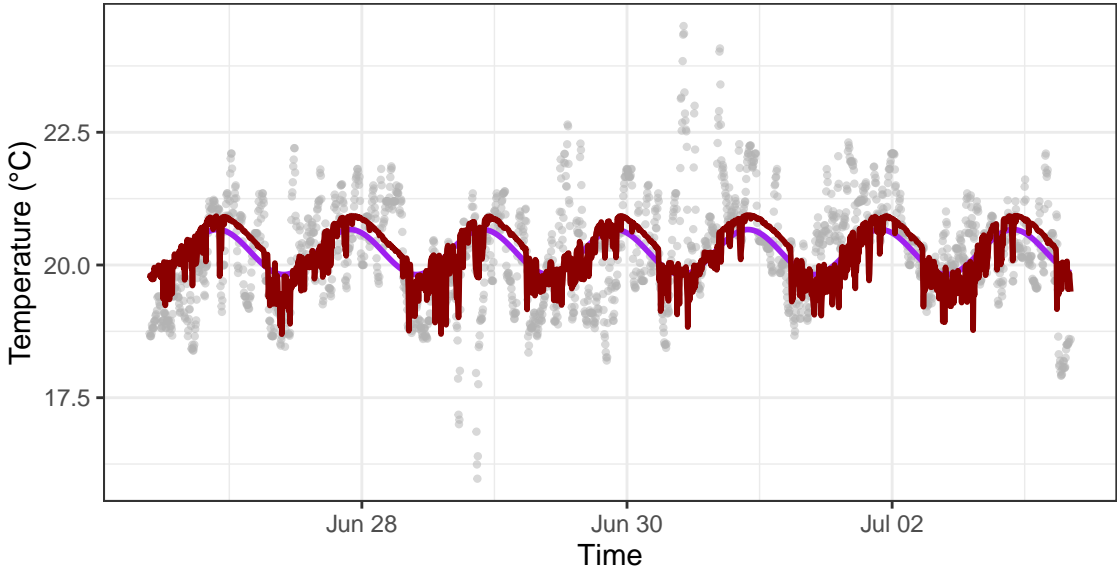


C: Smoothed Temperature Signal



D: Model Comparison & Activity Effect

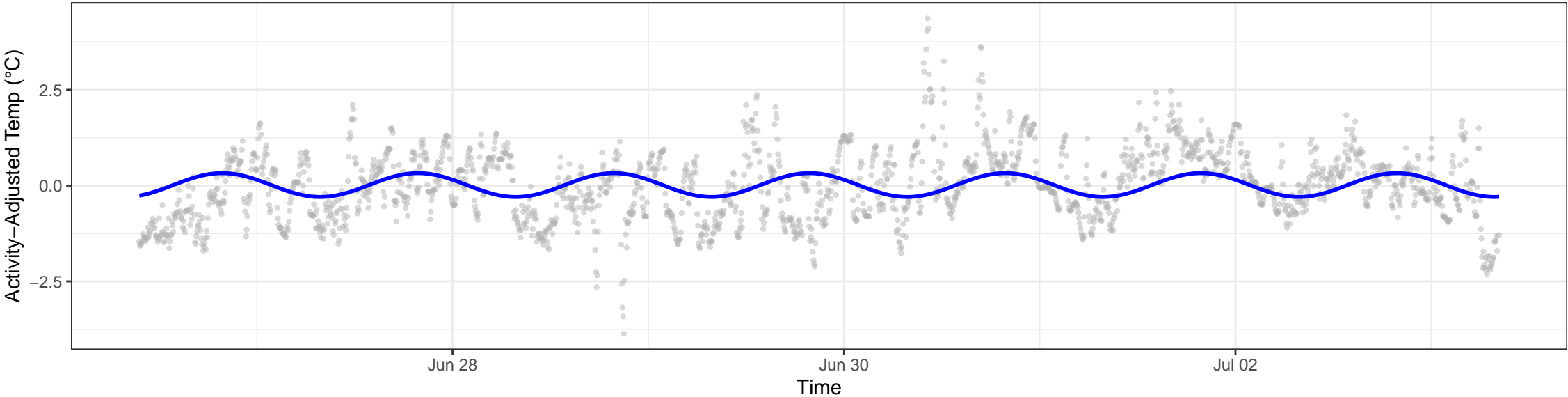
Circadian-Only vs. Circadian + Activity Effect on Residuals



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

E: MLM on Activity-Adjusted Temperature

Circadian Rhythm After Linear Activity Effect Removed (Unsmoothed Adjustment)



Model Type    — MLM on Activity-Adjusted Temp