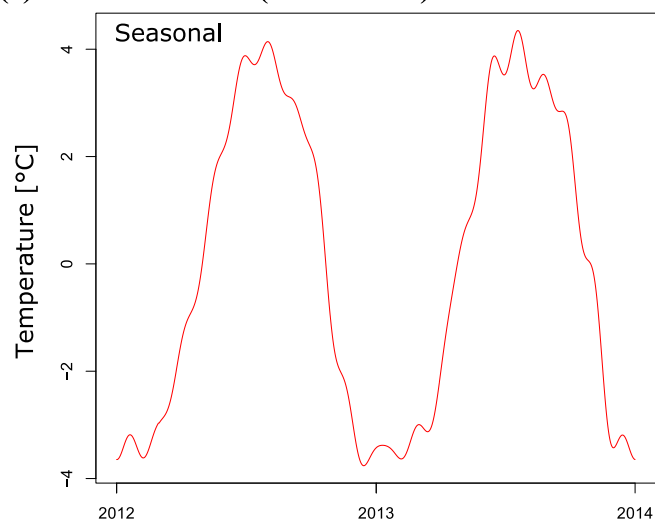
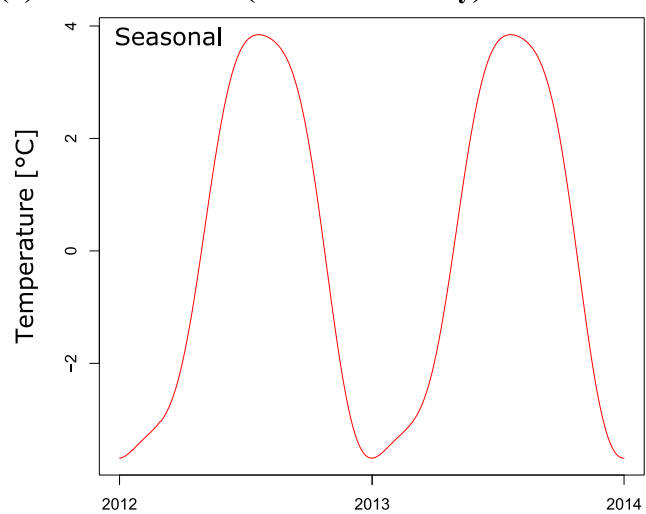


(a) Threshold = 0.05 (too sensitive)



(b) Threshold = 0.1 (used in this study)



(c) Threshold = 0.2 (over simplified)

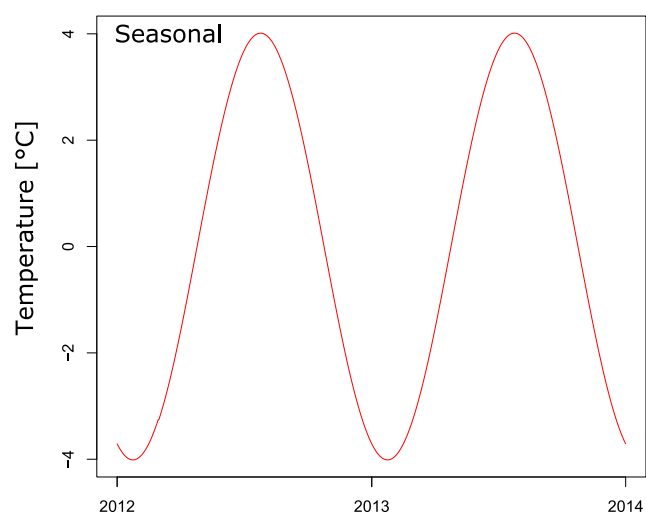


Figure S1 Extracting seasonal and diel periodic patterns in temperature based on different threshold value for Fourier analysis. We employed 0.1 °C in our study.