



**Figure 3.2** Boxplots showing median and interquartile range with outliers, derived from the predicted values of the mixed models run for each response variable, of five aspects of foraging activity at a northern site in Alberta (AB) and a southern site in Florida (FL) colony of males (blue) and females (red). (A) time of first activity within three hours of sunrise measured in minutes from sunrise, (B) last activity within three hours of sunset measured in minutes from sunset, (C) total time foraging (last activity-first activity) that was greater than 2/3 of the available daylight, (D) percent of available daylight used, and (E) total daily visits at the nest.