

Additional file 2

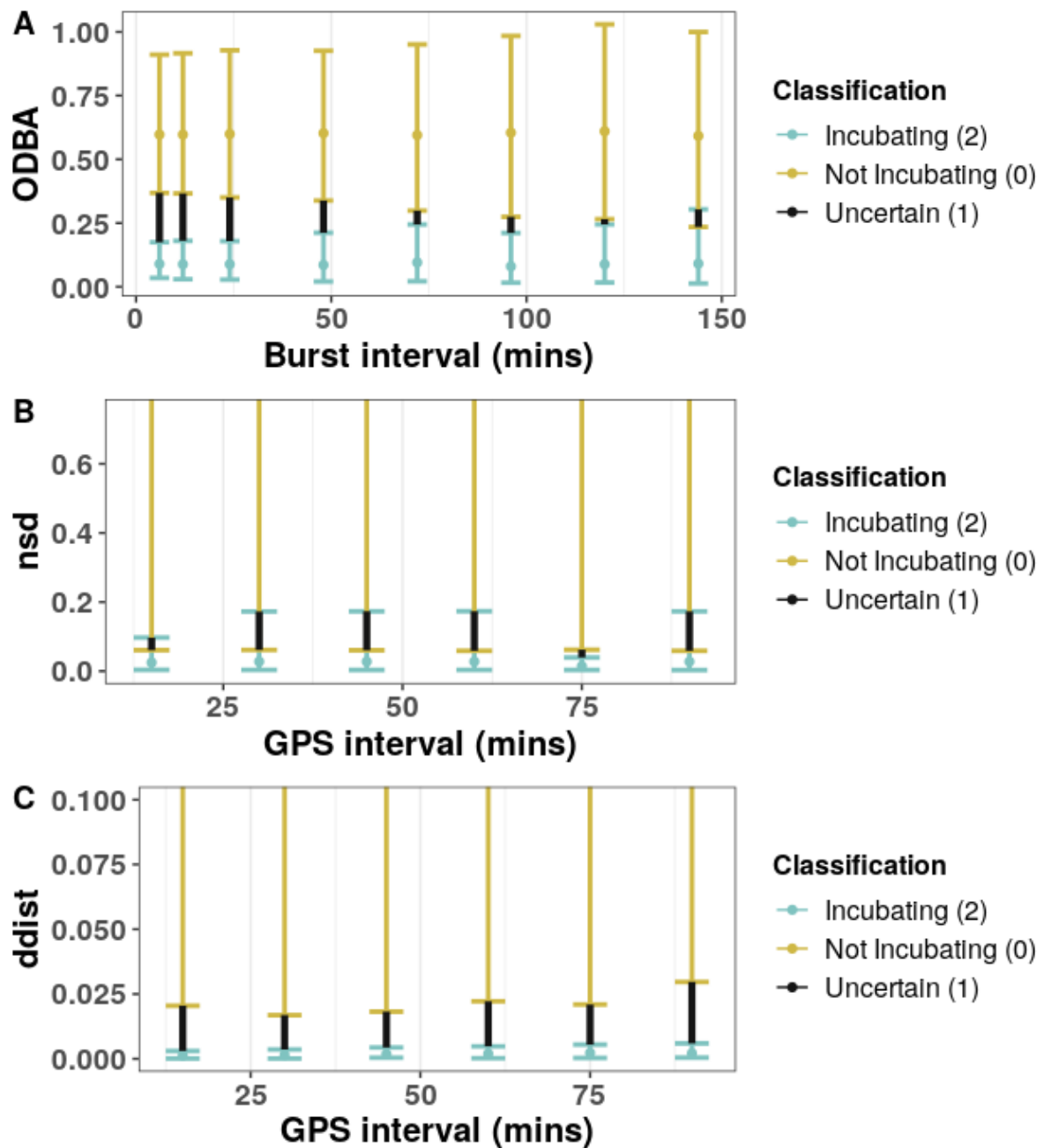


Figure S2. Quantile values extracted from the training set of known breeders for incubation and non-incubation days during the breeding season. The daily values were pooled across all individuals and the 97.5th and 2.5th quantiles calculated for incubation and non-incubation days. The classification and scores in brackets relate to how individuals with unknown breeding status were scored in the classifier.

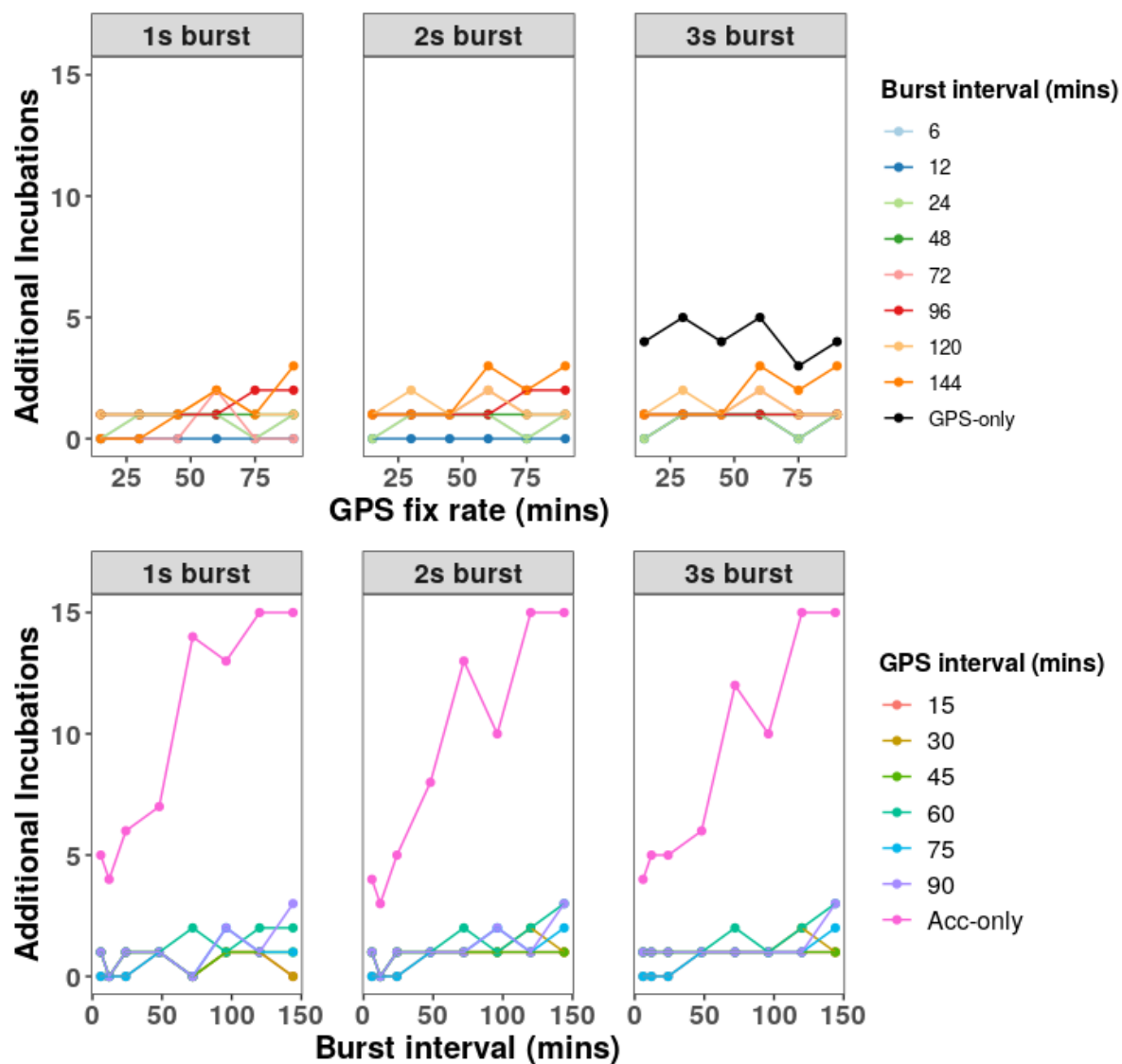


Figure S3. Number of additional erroneous incubations that were identified at various sampling regimes but were not identified in the data set with the highest resolution. The classifier which used GPS and ACC data is compared to classifier that only used GPS or ACC data.

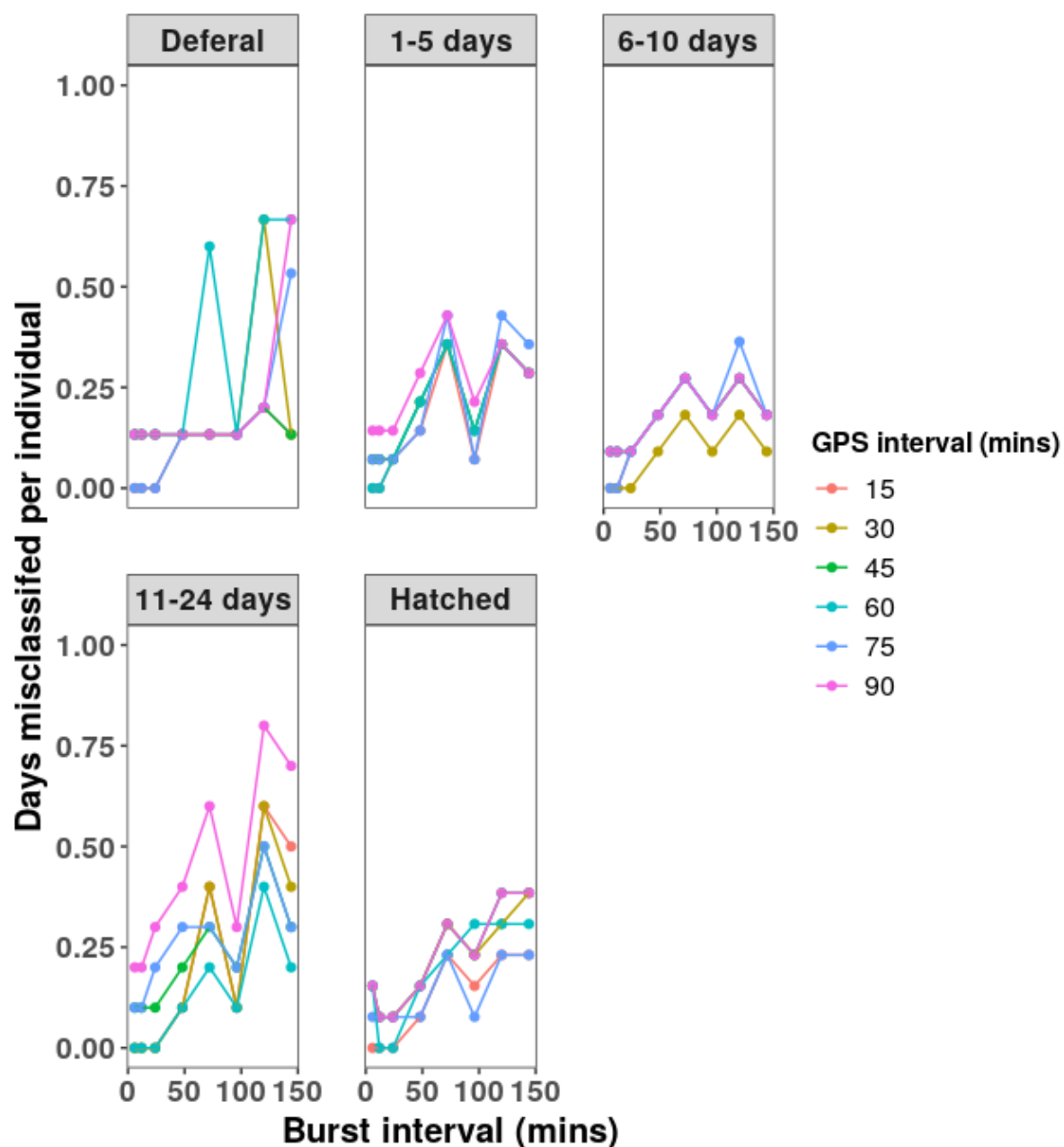


Figure S4. The number of days misclassified per individual at different sampling intervals in comparison to a classifier using the full reference data set of a GPS fix every 15 min and a 3 s ACC burst every 6 min. This has been split up into different lengths of incubation identified in the reference sample with the splits being chosen to keep the number of bird years in each group relatively even.