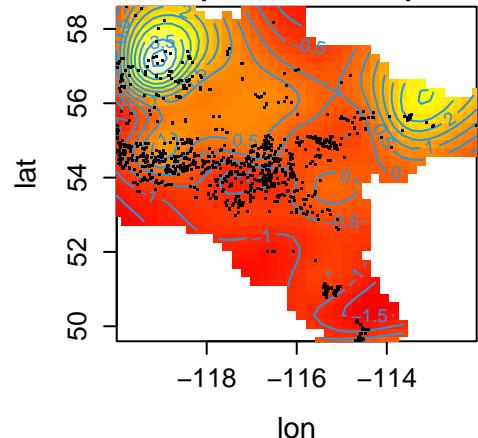
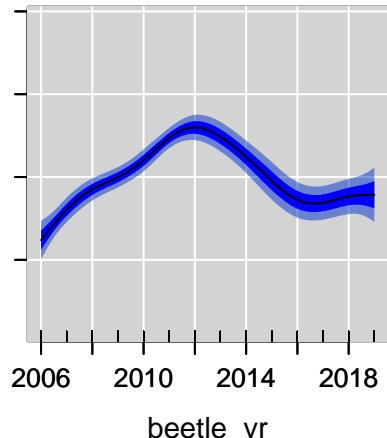
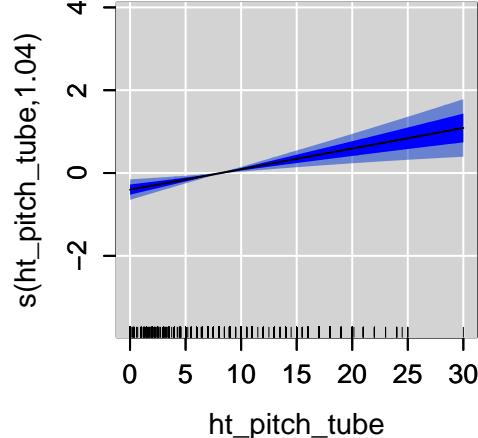
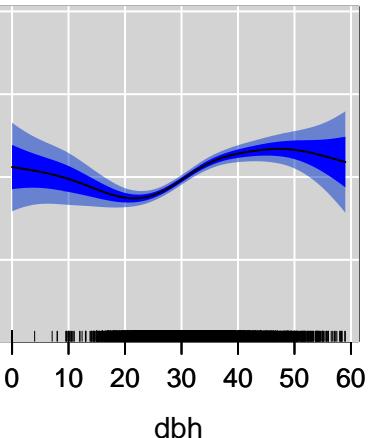
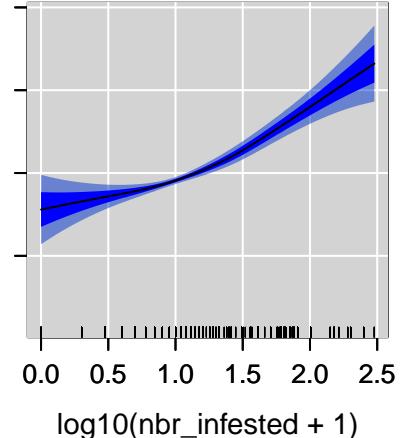
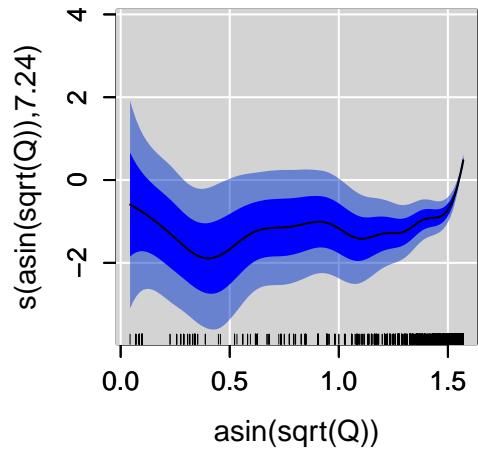
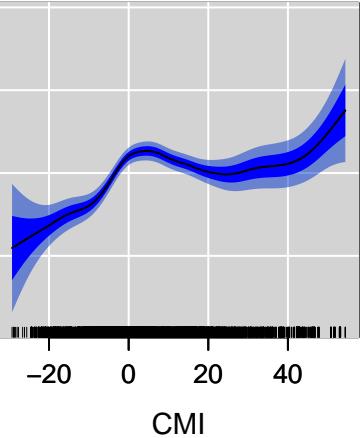
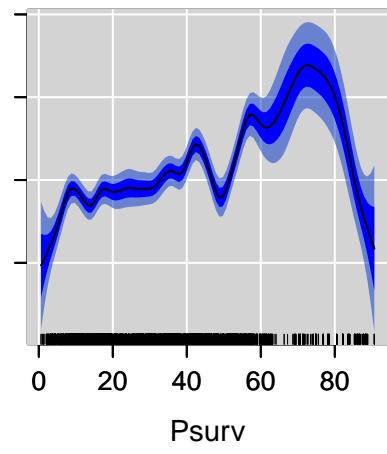


$s(\text{lon}, \text{lat}, 35.29)$  $s(\text{beetle_yr}, 5.89)$  $s(\text{dbh}, 4.41)$  $s(\log_{10}(\text{nbr_infested} + 1), 2.6)$  $s(\text{CMI}, 7.05)$  $s(\text{Psurv}, 16.31)$  $s(\text{SSI_2016}, 3.13)$ 