Explanation of variables

year: 1 = 1998, 2 = 1999

boxcoidx: unique identifier for nestbox

indidx: unique identifier for individual

sex: sex of parent entering nestbox; M = male, F = female

date: date nest video started; 1 = 1st April

age: age of oldest nestling in nest (in days after hatching)

broodsize: number of nestlings in nest at time of video

bsm: brood size manipulation treatment; R = reduced (3-4 nestlings), I = increased (8-9 nestlings)

visitID: unique identifier for visit number

IVI: Inter-visit interval of parent in successive visits in seconds

IFI: Inter-feed interval for this brood (by both parents combined) in seconds

IFI\_t1: Inter-feed interval for this brood of previous visit (at time-1)

IFI\_t2: Inter-feed interval for this brood of before previous visit (at time-2)

load: calculated mass of load (in gram) left in nest by parents

fecal: fecal sac removed during visit; 0 = no, 1 = yes

wtbird: calculated weight of parent visiting nest in gram

wtbird\_delta: parental weight change between 2 successive visits

begAvg: average brood begging (sum of begging scores, where 0 = no begging and 1 = maximum begging, of all nestlings divided by brood size)

begAvg\_t1: average brood begging at previous (t-1)

begAvg\_t2: average brood begging at prior visit 2 visits ago (t-2)

begAvg\_t3: average brood begging at t-3