**Spreadsheet: Breed**

Ring: individual ring number of each bird

Sex: m- male f-female

Wknds:- number of weekends individual detected in given year

Imm: residency status: R- resident I-immigrant

Prevbox: identity of box of previous nesting attempt

Bredprev: bred previously: 0-no 1-yes

Age: EURING age code of bird at time of analysis: 6- >1year ols 5: 0-1 year old

Seeds: estimated no. seeds consumed per winter

Log: identity of most used bird feeder

Loggerdist: distance from most used logger to nesting box

Yr: year

Pnum: year + nesting attempt + box identity

Sp: species- B-blue tit G- great tit

Oaks: no. oaks >50cm dbh within 75m of nest box

Ld: laydate- day of first egg from 1st April

Eggmass: mean egg mass

Clutch: clutch size

Ringed: number of chicks ringed on day 15

Fledglings: number of chicks fledged

Fledgedsucceess: (fledlings/cluch)\*100

Broodwt: mean brood mass on D15

Box: individual box identity

Boxalt: altitude of nest box in metres ASL

Ringyr: individual ID + year

Row: row number

Sr: seed consumption rate- mean seeds consumed per weekend detected

**Spreadsheet: broods (only column headers not defined above are defined below)**

As above, but f. or m. represent female and male values for the brood in question respectively

**Spreadsheet: broods (only column headers not defined above are defined below)**

Logbiz: number of individuals recorded at respective logger

Recs: number of records- crude number of records from feeders for each bird before transformation to seed estimate