

```

proc import datafile='G:\Hamm\Hamm\SASGreenhouse data.xls' out=green
DBMS=Excel;
getnames=yes;
DATA green;
    set green;
    keep day BTFLY TRMT SEX    seen;
    if day=. then delete;
RUN;
proc print data=green;
run;
proc glimmix data=green ic=pq ;
class BTFLY TRMT SEX    ;
model seen=day| trmt| sex /ddfm=kr dist=binomial link=logit;
random intercept /subject=BTFLY(TRMT*SEX)    ;
run;

%glimmix(data=green,
stmts = %str(
class BTFLY TRMT SEX    ;
model seen=day| TRMT|SEX;
random intercept /subject=BTFLY(TRMT*SEX) type=un ;
),
error=binomial,
link=logit
)
run;
%glimmix(data=green,
stmts = %str(
class BTFLY TRMT SEX    ;
model seen=day trmt sex  day*sex day*sex*trmt /ddfm=kr;
random intercept  /subject=BTFLY(TRMT*SEX) ;
),
error=binomial,
link=logit,
maxit=99
)
run;

proc glimmix data=salamander;
class fpop fnum mpop mnum;
model mating(event=Æ1Æ) = fpop|mpop / dist=binary;
random fpop*fnum mpop*mnum;
lsmeans fpop*mpop / ilink;
lsmeans sex/diff cl;
run;

```