```
data paper;
input block method temp resp@@;
datalines;
1 1 1 30 1 1 2 35 1 1 3 37 1 1 4 36
1 2 1 34 1 2 2 41 1 2 3 38 1 2 4 42
1 3 1 29 1 3 2 26 1 3 3 33 1 3 4 36
2 1 1 28 2 1 2 32 2 1 3 40 2 1 4 41
2 2 1 31 2 2 2 36 2 2 3 42 2 2 4 40
2 3 1 31 2 3 2 30 2 3 3 32 2 3 4 40
3 1 1 31 3 1 2 37 3 1 3 41 3 1 4 40
3 2 1 35 3 2 2 40 3 2 3 39 3 2 4 44
3 3 1 32 3 3 2 34 3 3 3 39 3 3 4 45
;


/* proc mixed =>  Stat model 1: all terms included */
proc mixed data=paper method=type1 CL;
class block method temp;
model resp=method temp method*temp;
random block block*method block*temp block*method*temp;
run;

/* proc mixed =>  Stat model 2: only 5 terms included (rest terms are pooled as the random error term) */
proc mixed data=paper method=type1 CL;
class block method temp;
model resp=method temp method*temp;
random block block*method;
run;
```