

```

Data repeated;
  input ID Room trmt day wt;
  datalines;
1 1 1 1 13
2 1 1 1 17
3 1 1 1 13
4 1 2 1 16
5 1 2 1 17
6 1 2 1 17
1 2 1 2 22
2 2 1 2 24
3 2 1 2 20
4 2 2 2 23
5 2 2 2 22
6 2 2 2 23
1 3 1 3 36
2 3 1 3 38
3 3 1 3 46
4 3 2 3 45
5 3 2 3 45
6 3 2 3 32
;
Run;

/* Repeated Measures using Proc MIXED */

Proc mixed data=repeated covtest;
  class trmt day; * ID;
  model wt = trmt|day;
  repeated day / subject = ID type=cs;
  title "Repeated Measures using Proc MIXED";
Run;

/* Repeated Measures using Proc GLIMMIX */

Proc glimmix data=repeated;
  class trmt day; *ID;
  model wt = trmt|day;
  random _residual_ / subject = ID type=cs;
  title "Repeated Measures using Proc GLIMMIX";
Run;

/* Repeated Measures using Proc GLIMMIX with a random effect (room) */

Proc glimmix data=repeated;
  class trmt day ID;
  model wt = trmt|day;
  random room;
  random _residual_ / subject = ID type=cs;
  title "Repeated Measures using Proc GLIMMIX with RANDOM variable (room)";
Run;

```