

```
.....
PROC PLAN seed=20832856;
  FACTORS stratum=2 ORDERED block=10 ORDERED result=8 RANDOM / NOPRINT;
  OUTPUT OUT=myblock result NVALS=(0 0 0 0 1 1 1 1) RANDOM;
RUN;

.....
DATA DATA first29;
  SET myblock (OBS=29);
  subject=_n_;
  RETAIN Cresult 0;
  IF result=1 THEN Cresult=Cresult+0.5; ELSE Cresult=Cresult-0.5;
RUN;

.....
DATA DATA second71;
  SET myblock (OBS=71);
  WHERE stratum=2;
  subject=_n_;
  RETAIN Cresult 0;
  IF result=1 THEN Cresult=Cresult+0.5; ELSE Cresult=Cresult-0.5;
RUN;

.....
DATA DATA combined;
  SET first29 second71;
  subject=_n_;
RUN;

.....
PROC FREQ data=combined;
  TABLE result*stratum / NOROW NOCOL NOPERCENT CHISQ; /*result = treatment, stratum=factorX*/
RUN;
```