

```
proc options; run;

%mktx (2 2 2 3, n=12, seed=42);
run;
%mkteval(data=randomized)
title2 'Examine design of 12';
proc print data=randomized; run;
%mkblock (data=randomized, nblocks=4, seed=42); run;
%mkteval(data=randomized)

%mkblock (data=randomized, nblocks=3, seed=42); run;
%mkteval(data=randomized)

%mktx (2 2 2 3, n=8, seed=42);
run;
%mkteval(data=randomized)
title2 'Examine design of 8';
proc print data=randomized; run;

%mktruns(2 2 2 3);
run;

title2 'Examine design of 8 with seed 243';
%mktx (2 2 2 3, n=8, seed=243);
run;
%mkteval(data=randomized)

proc print data=randomized; run;
```