

BIOS 750: Monte Carlo and Bootstrapping

Class project

Example

crp measured on three different occasions for each subject

17 subjects, so 51 scores

all data observed

RM ANOVA

id	day	group	crp0	crp1	crp2
1	2	1	6.83	13.2	18.4
2	2	1	50.1	58.3	21.3
3	2	1	40.5	24	77.1
4	2	1	40.8	34.9	14.6
...					

Data layout for ANOVA

“wide” format

dataset rm.csv