Red and Black 170303: id Masked

coop711 2018-03-19

Data

```
## 'data.frame': 160 obs. of 6 variables:
## $ dept : chr "oo학과" "oo학과" "oo학과" "oo학과" ...
## $ id : int 20119999 20119999 20149999 20149999 20129999 20149999 20169999 20179999 2
10129999 ...
## $ name : chr "강oo" "강oo" "강oo" "강oo" ...
## $ pame : chr "강oo" "강oo" "강oo" "강oo" ...
## $ email : chr "user_name@naver.com" "user_name@
```

Randomization

```
# set.seed(107)
N <- nrow(class_roll)
class_roll$group <- sample(1:N) %% 2 + 1
class_roll$group <- factor(class_roll$group,
    labels = c("Red", "Black"))
red_id <- which(class_roll$group == "Red")
black_id <- which(class_roll$group == "Black")</pre>
```

하버

	younger_16	older_16
Red	40	40
Black	47	33

	younger_15	older_15
Red	48	32
Black	52	28

	younger_14	older_14
Red	58	22
Black	62	18

	younger_13	older_13
Red	74	6
Black	72	8

e-mail 서비스업체

	daum.net	gmail.com	hanmail.net	nate.com	naver.com
Red	2	2	3	3	69
Black	0	4	6	4	66

성씨 분포

 Red
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많이 나오는 성씨

	김	이	박	기타
Red	17	9	7	47
Black	19	12	6	43

출석부에서 20명 비복원 랜덤 표집

kable(class_roll[sample(1:nrow(class_roll), size = 20),])

	dept	id	name	year	email	cell_no	group
121	ㅇㅇ학과	20159999	임ㅇㅇ	3	user_name@gmail.com (mailto:user_name@gmail.com)	010-6413-xxxx	Black
108	ㅇㅇ학과	20179999	0 00	1	user_name@gmail.com (mailto:user_name@gmail.com)	010-9632-xxxx	Black
64	ㅇㅇ학과	20159999	박ㅇㅇ	3	user_name@naver.com (mailto:user_name@naver.com)	010-5023-xxxx	Red
151	ㅇㅇ학과	20149999	최ㅇㅇ	3	user_name@gmail.com (mailto:user_name@gmail.com)	010-9529-xxxx	Black
90	ㅇㅇ학과	20139999	유ㅇㅇ	3	user_name@naver.com (mailto:user_name@naver.com)	010-9984-xxxx	Black
14	ㅇㅇ학과	20119999	김ㅇㅇ	3	user_name@naver.com (mailto:user_name@naver.com)	010-8009-xxxx	Black
117	ㅇㅇ학과	20169999	0 00	2	user_name@naver.com (mailto:user_name@naver.com)	010-4650-xxxx	Red
130	ㅇㅇ학과	20129999	정ㅇㅇ	4	user_name@naver.com (mailto:user_name@naver.com)	010-9411-xxxx	Black
6	ㅇㅇ학과	20129999	강ㅇㅇ	3	user_name@gmail.com (mailto:user_name@gmail.com)	010-7499-xxxx	Red
8	ㅇㅇ학과	20169999	구ㅇㅇ	2	user_name@naver.com (mailto:user_name@naver.com)	010-8228-xxxx	Red
140	ㅇㅇ학과	20169999	조ㅇㅇ	2	user_name@naver.com (mailto:user_name@naver.com)	010-2425-xxxx	Red
29	ㅇㅇ학과	20149999	김ㅇㅇ	3	user_name@daum.net (mailto:user_name@daum.net)	010-4039-xxxx	Red
36	ㅇㅇ학과	20119999	김ㅇㅇ	4	user_name@naver.com (mailto:user_name@naver.com)	010-8799-xxxx	Red
85	ㅇㅇ학과	20139999	안ㅇㅇ	3	user_name@naver.com (mailto:user_name@naver.com)	010-5030-xxxx	Black
59	ㅇㅇ학과	20169999	박ㅇㅇ	2	user_name@naver.com (mailto:user_name@naver.com)	010-7728-xxxx	Black
66	ㅇㅇ학과	20119999	방ㅇㅇ	3	user_name@naver.com (mailto:user_name@naver.com)	010-8975-xxxx	Black
136	ㅇㅇ학과	20139999	정ㅇㅇ	2	user_name@hanmail.net (mailto:user_name@hanmail.net)	010-7231-xxxx	Red
25	ㅇㅇ학과	20179999	김ㅇㅇ	1	user_name@naver.com (mailto:user_name@naver.com)	010-8810-xxxx	Red
142	ㅇㅇ학과	20139999	조ㅇㅇ	3	user_name@naver.com (mailto:user_name@naver.com)	010-4879-xxxx	Red
86	ㅇㅇ학과	20169999	안ㅇㅇ	2	user_name@naver.com (mailto:user_name@naver.com)	010-9310-xxxx	Black