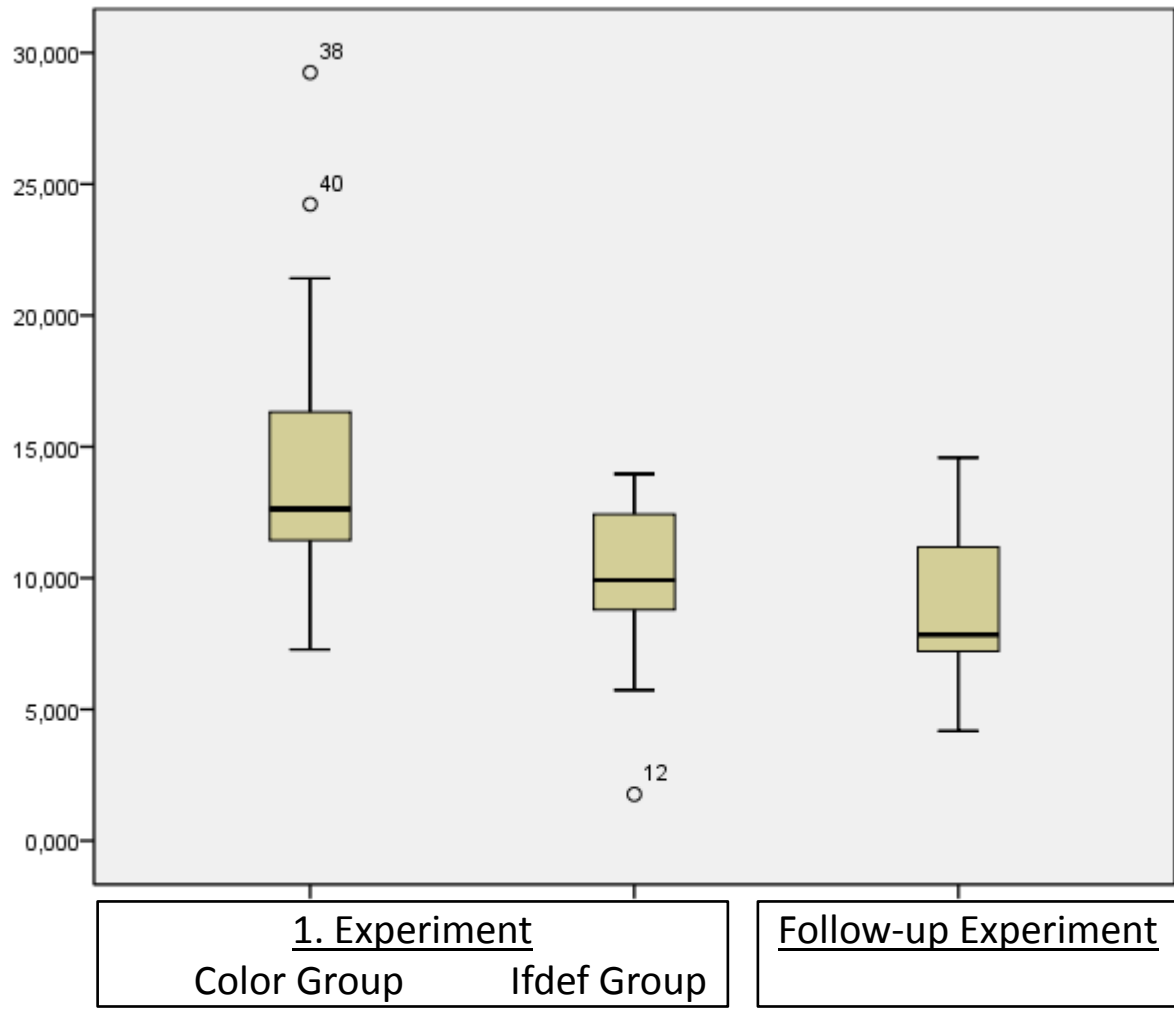| Task Order in First Experiment	Task Order in Follow-up Experiment
S0	S0
S1	M1
S2	M3
M1	S1
M2	M4
M3	M2
M4	S2

As significance tests, we used Kruskal-Wallis-Test, because we compared three samples and the response times are not normally distributed
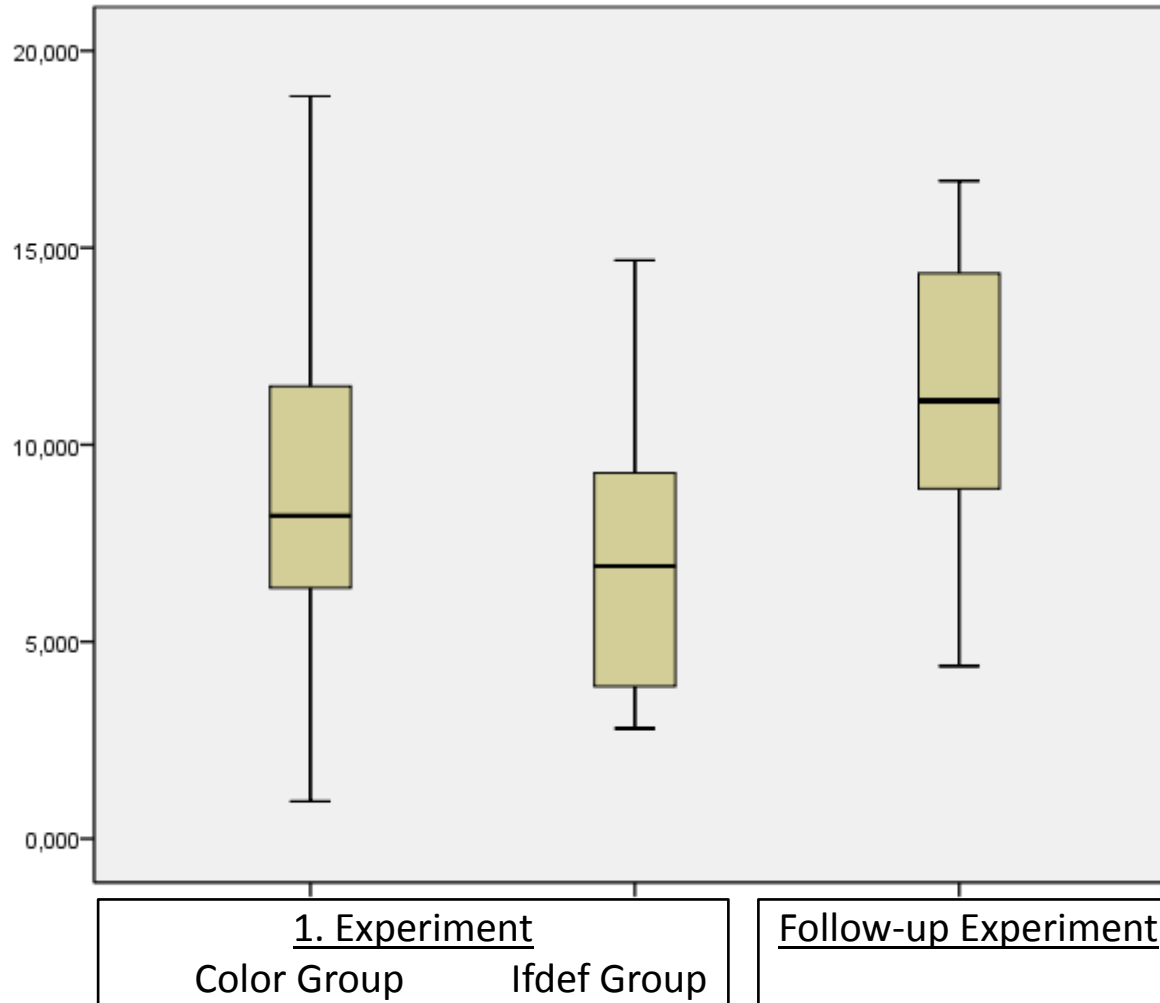
Test Measure	Value
Chi^2	5.451
df	2
p	0.066

Response time in minutes

20,000
15,000
10,000
5,000
0,000

1. Experiment
Color Group   Ifdef Group

Follow-up Experiment

S0: Count Number of Features

Test Measure	Value
Chi^2	14.911
df	2
p	0.001

Response time in minutes

30,000
25,000
20,000
15,000
10,000
5,000
0,000

38
40
12

1. Experiment
Color Group   Ifdef Group

Follow-up Experiment

S1: Fill out grid template
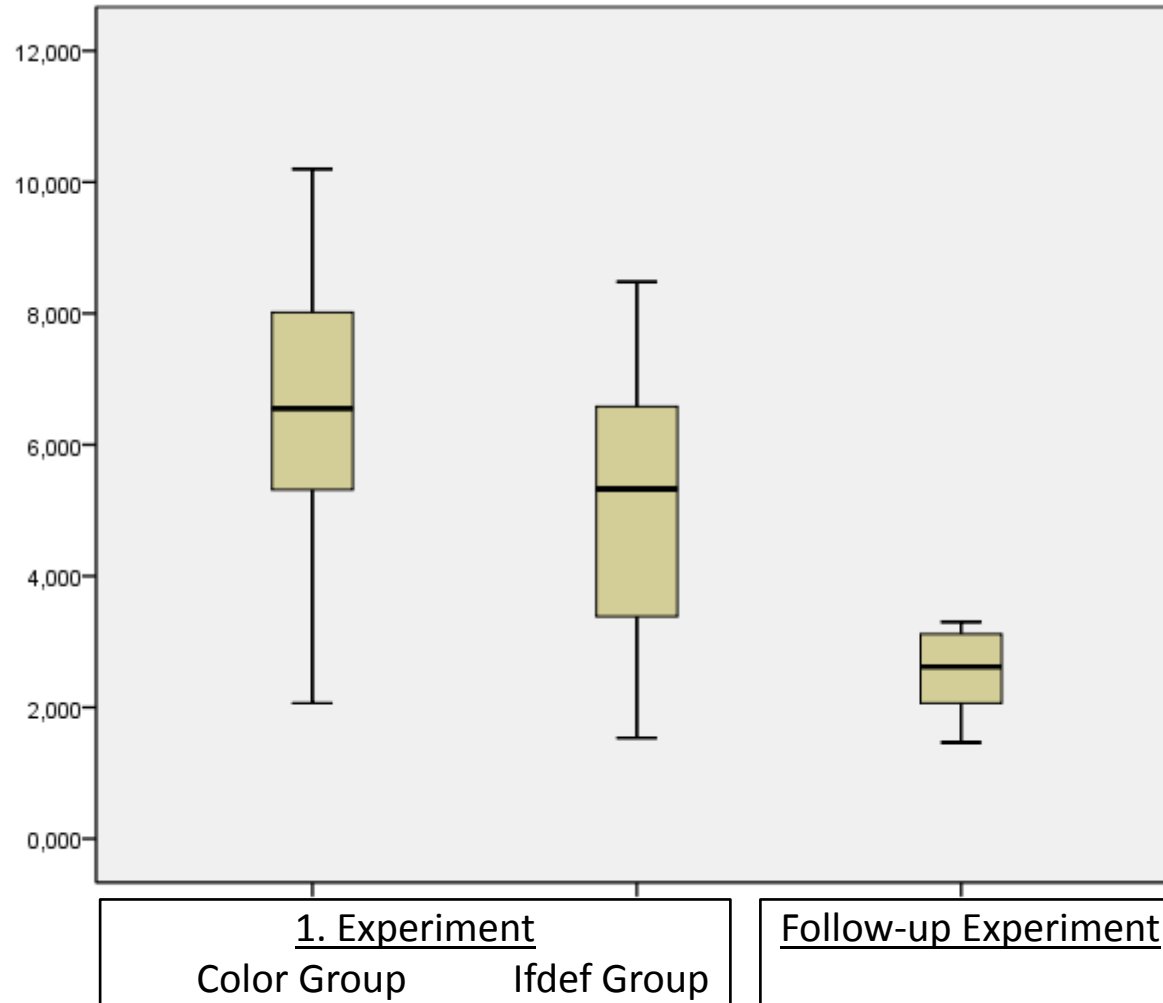
Test Measure	Value
Chi^2	17.674
df	2
p	0.000

Response time in minutes

12,000
10,000
8,000
6,000
4,000
2,000
0,000

1. Experiment
Color Group   Ifdef Group

Follow-up Experiment

S2: Find Feature Interactions
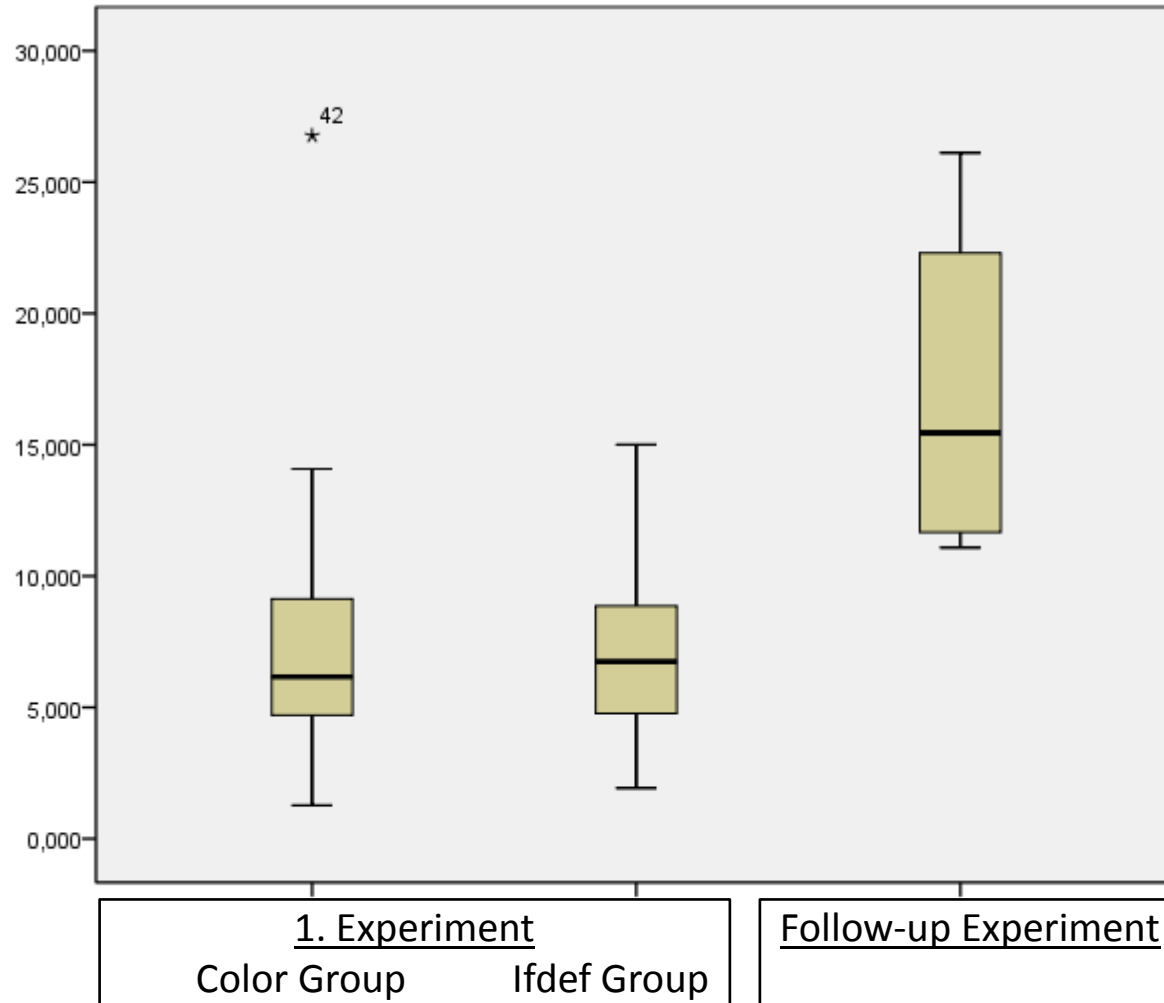
Test Measure	Value
Chi^2	18.280
df	2
p	0.000

Response time in minutes

30,000
25,000
20,000
15,000
10,000
5,000
0,000

42

1. Experiment
Color Group   Ifdef Group

Follow-up Experiment

M1: Missing Implementation of bubbleSort
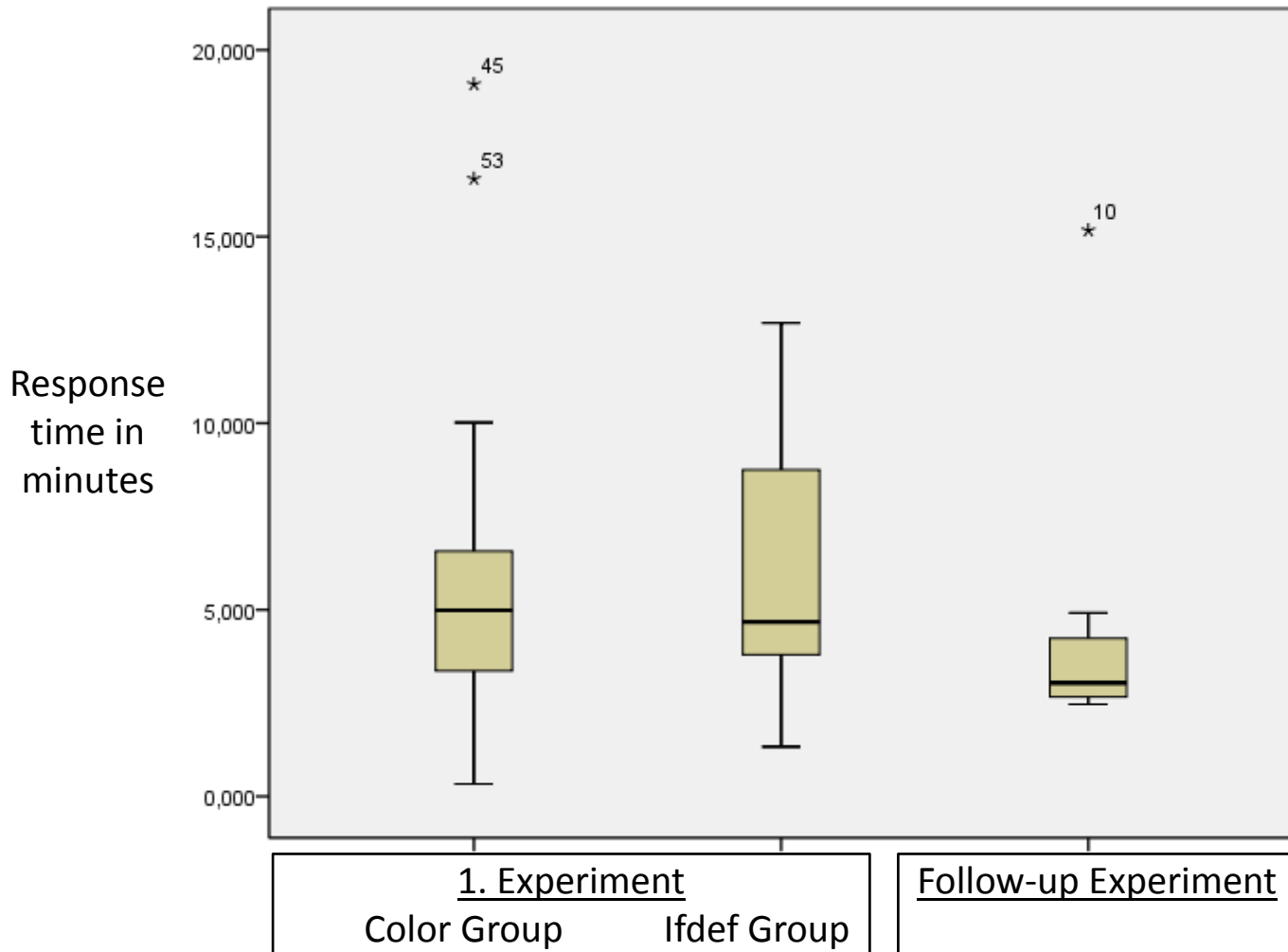
Test Measure	Value
Chi^2	3.409
df	2
p	0.182

Response time in minutes

20,000
15,000
10,000
5,000
0,000

45
53
10

1. Experiment
Color Group   Ifdef Group

Follow-up Experiment

M2: Missing implementation of increaseNumberOfViews
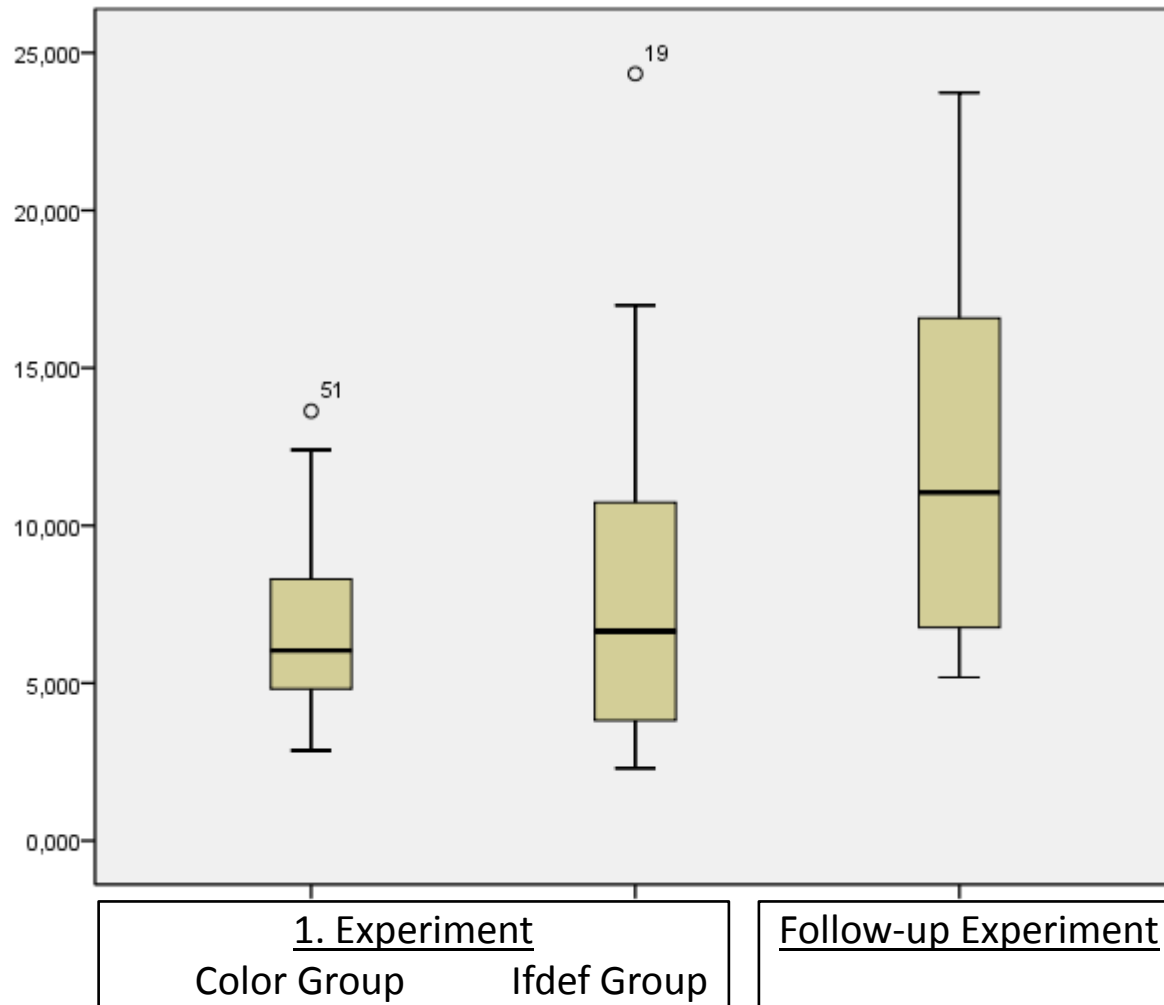
Test Measure	Value
Chi^2	6.171
df	2
p	0.046

Response time in minutes

25,000
20,000
15,000
10,000
5,000
0,000

19
51

1. Experiment
Color Group   Ifdef Group

Follow-up Experiment

M3: Variable is not added to the according menu
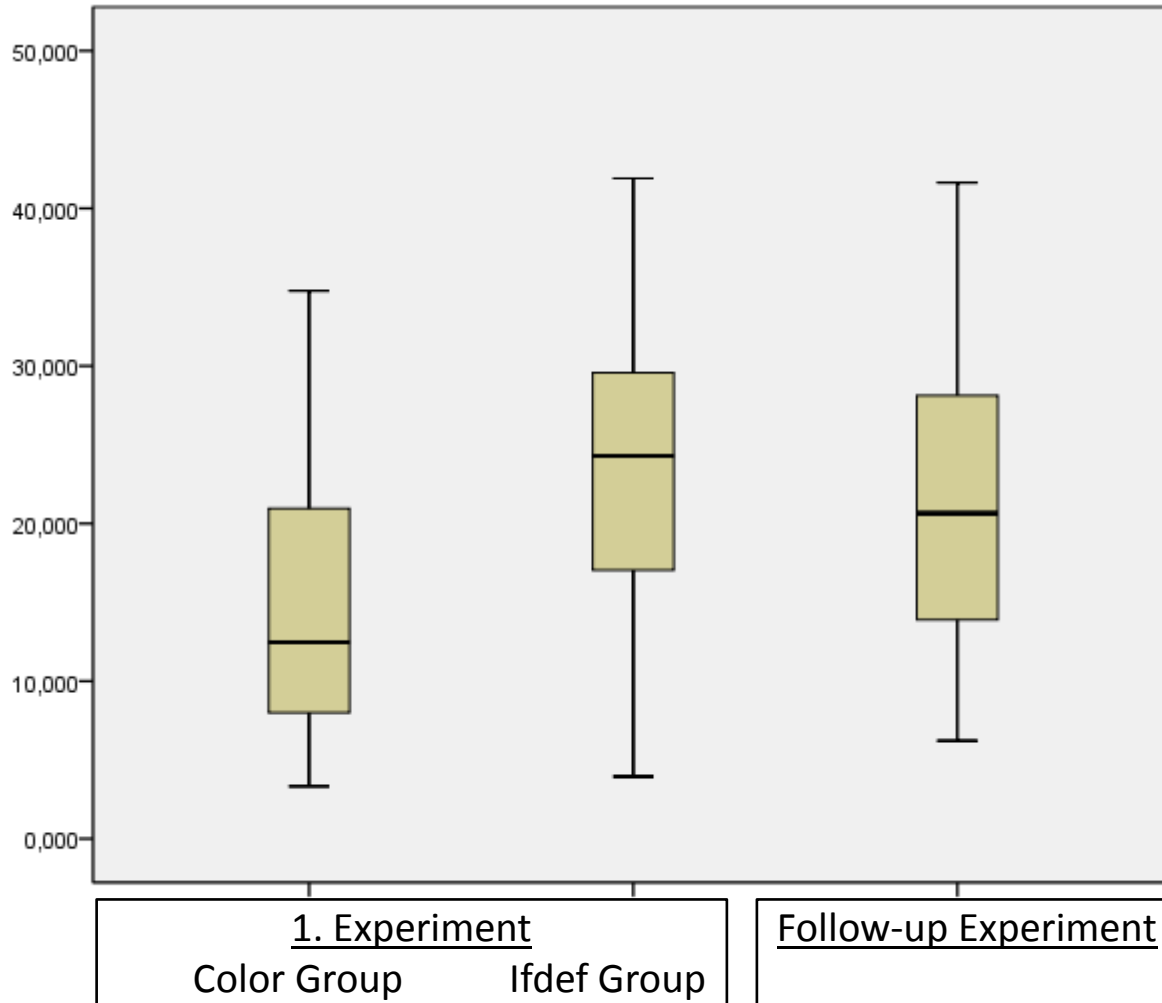
Test Measure	Value
Chi^2	8.702
df	2
p	0.013

Response time in minutes

50,000
40,000
30,000
20,000
10,000
0,000

1. Experiment
Color Group   Ifdef Group

Follow-up Experiment

M4: NullPointerException