
```
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data = readtable("drugs-trial.csv");

data.id = uint32(data.id);
data.age = uint32(data.age);
data.type = string(data.type);
data.VL = double(data.VL);

% a) How many patietns are there in whole datas? How many were
assignedQ:

array = data(data.type == 'placebo', :);
N = size(data,1);
disp("There number of placebo patients in the array is");
disp(N);

%B

median_array = data(data.type == 'drug', :);

Median_drug = median(median_array.VL);
Median_placebo = median(array.VL);
disp("The median for drug group is");
disp(Median_drug);
disp("The median for placebo group is");
disp(Median_placebo);

Median_drug = mean(median_array.VL);
Median_placebo = mean(array.VL);
disp("The mean for drug group is");
disp(Median_drug);
disp("The mean for placebo group is");
disp(Median_placebo);

%c

figure
subplot(2,1,1)
x = data.age(data.type=='placebo');
y = data.VL(data.type=='placebo');
plot(x, y);
hold on
title('Placebo')

subplot(2,1,2)
x1 = data.age(data.type=='drug');
y1 = data.VL(data.type=='drug');
plot(x1,y1)
```

```
title('Drug')
```

```
% I got stuck trying to properly plot both the age against VL  
values  
% I will confer with the professor to clear up my confusion.
```

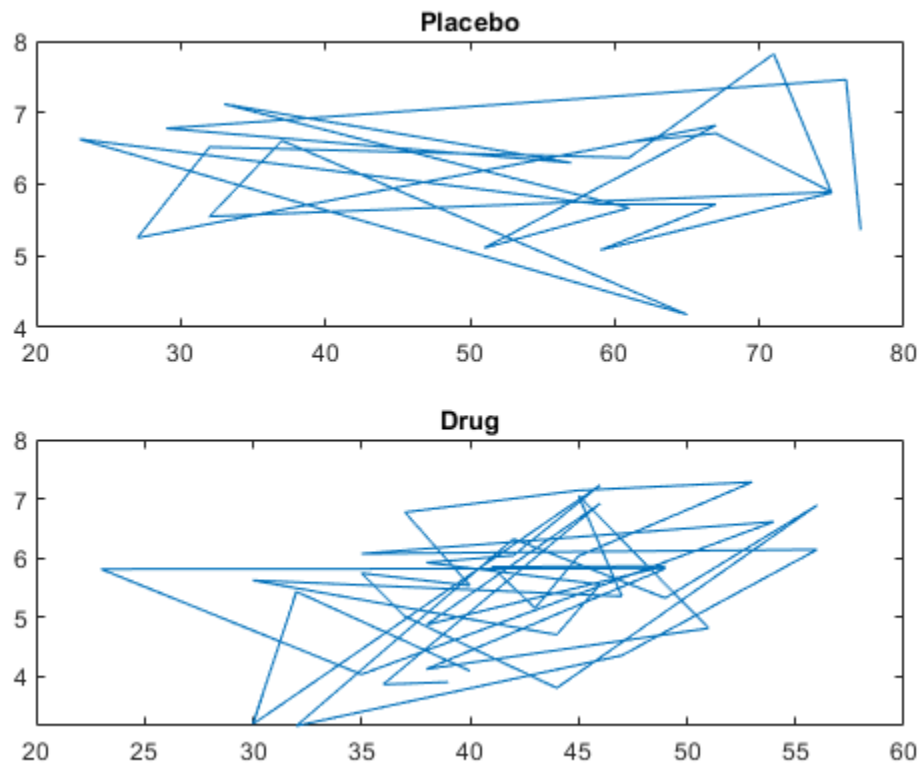
```
The number of placebo patients in the array is  
62
```

```
The median for drug group is  
5.6200
```

```
The median for placebo group is  
6.3000
```

```
The mean for drug group is  
5.4700
```

```
The mean for placebo group is  
6.1365
```



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