

## Parameter Setting

```
subject = 'Group';
plot_window=[1 25 1920 1080];
home_dir = '/bigvault/Projects/seeg_pointing';
group_dir = '/bigvault/Projects/seeg_pointing/results/memory_group/';
```

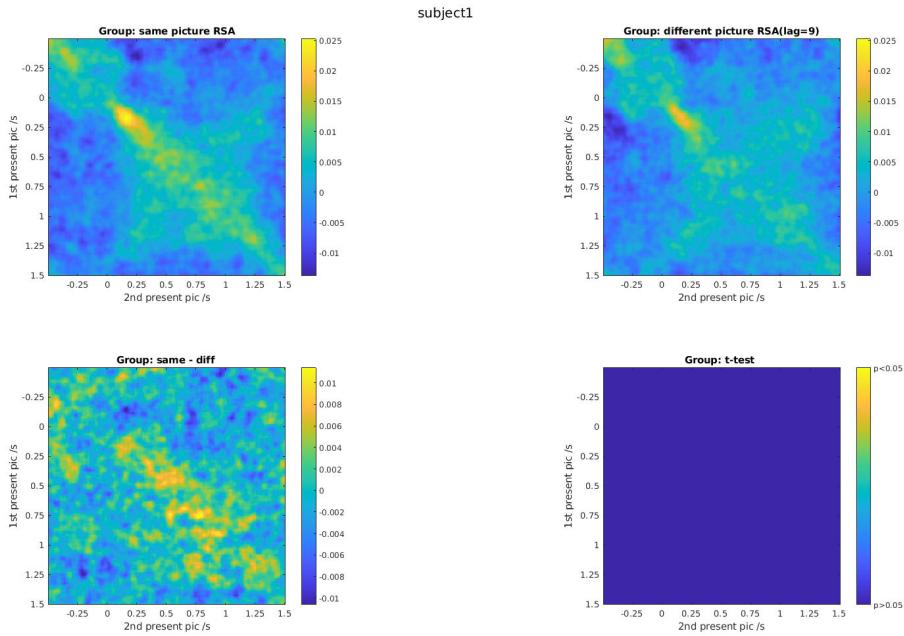
## obj

```
proj='obj';
load([group_dir,'rsa_obj_group.mat'], 'rsa_group')
lag = 9;

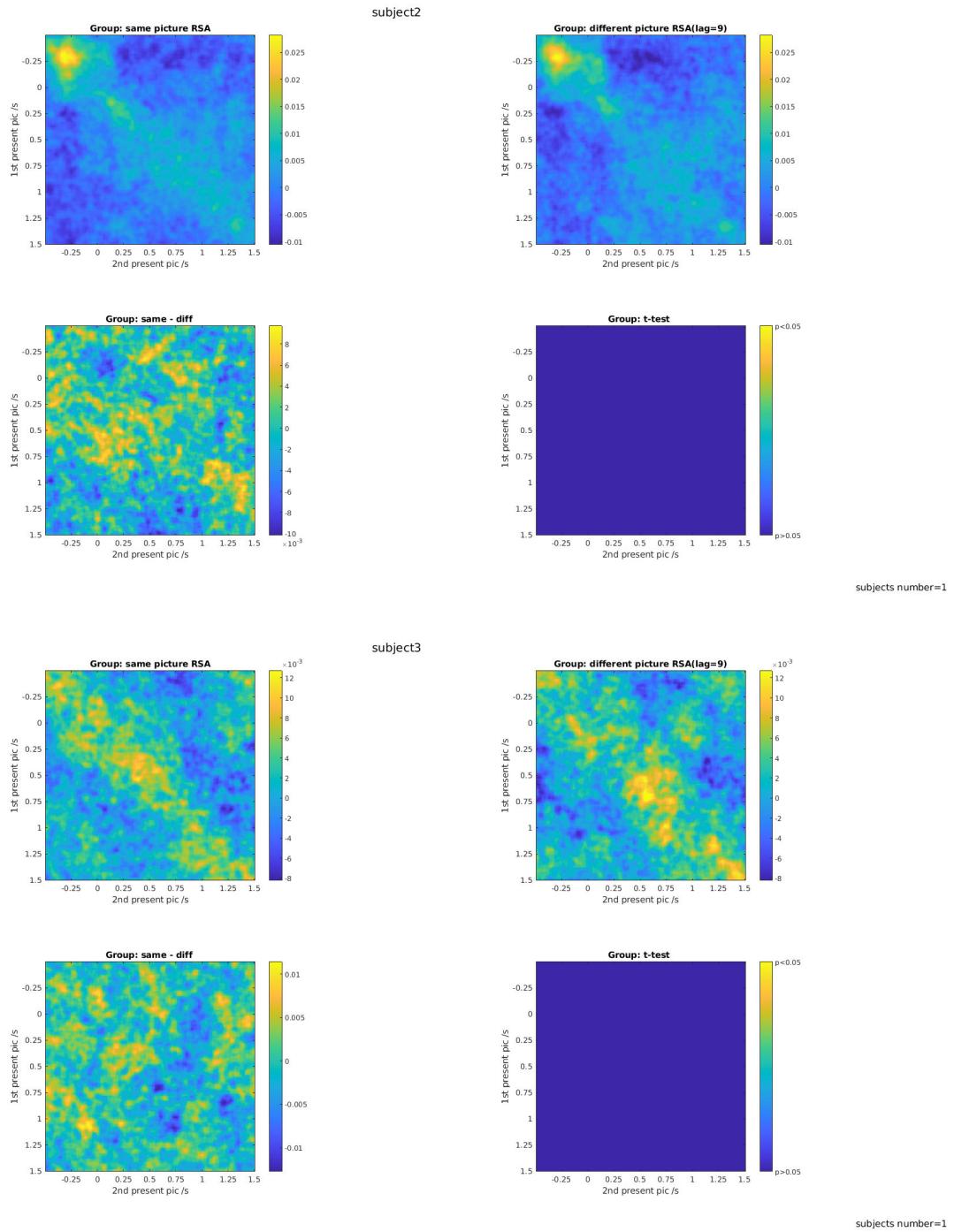
lag = 9

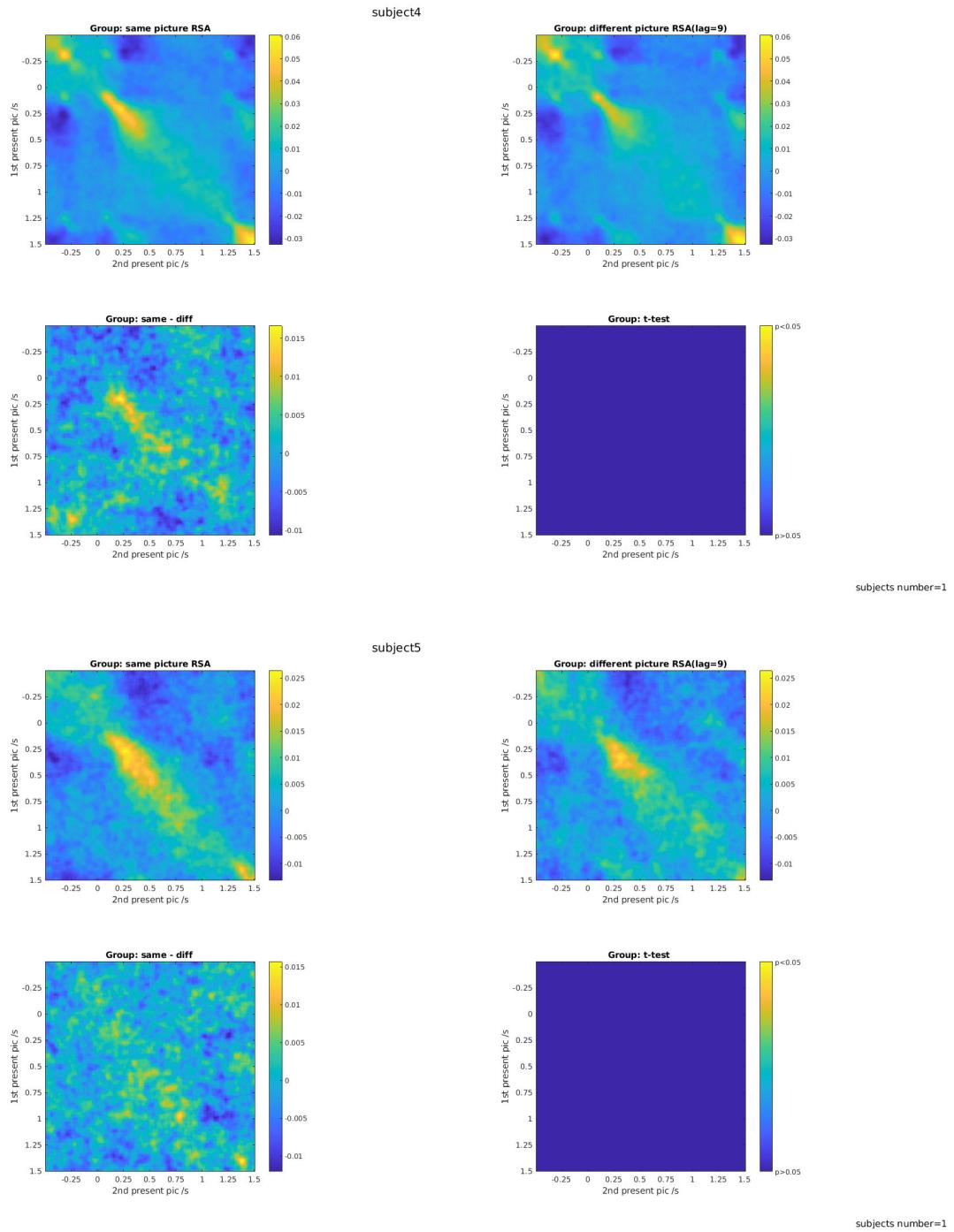
ids = rsa_group.sub_id;
disp(ids)
for i=1:16
    figure
    rsa_same= rsa_group.same(:,:,i);
    rsa_diff = rsa_group.diff{lag}(:,:,i);
    plt_rsa_obj_sd(rsa_same, rsa_diff, subject, lag, plot_window)
    sgttitle([proj, ': subject', num2str(i)])
end
```

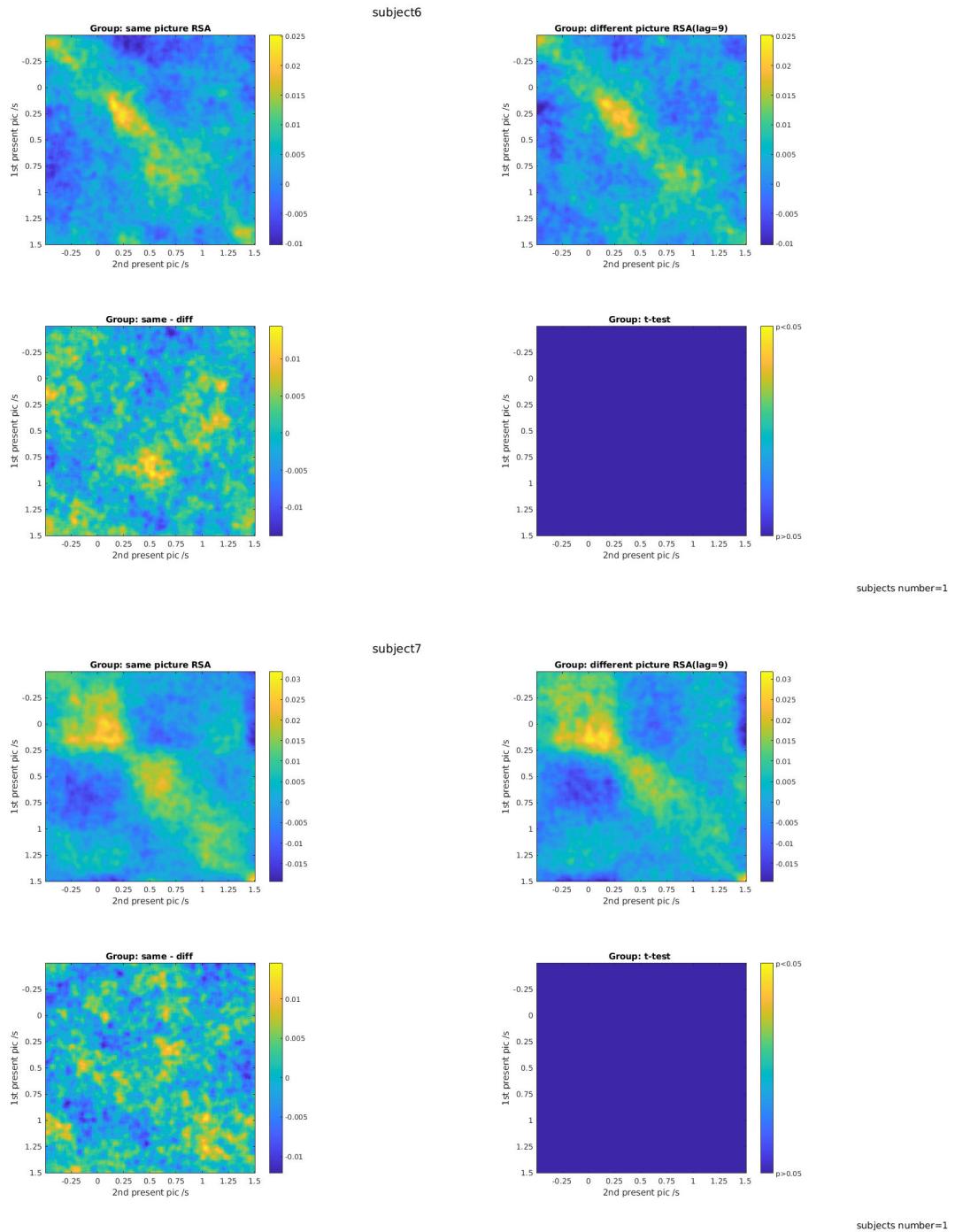
Warning: MATLAB has disabled some advanced graphics rendering features by switching to software OpenGL. For more information, click [here](#).

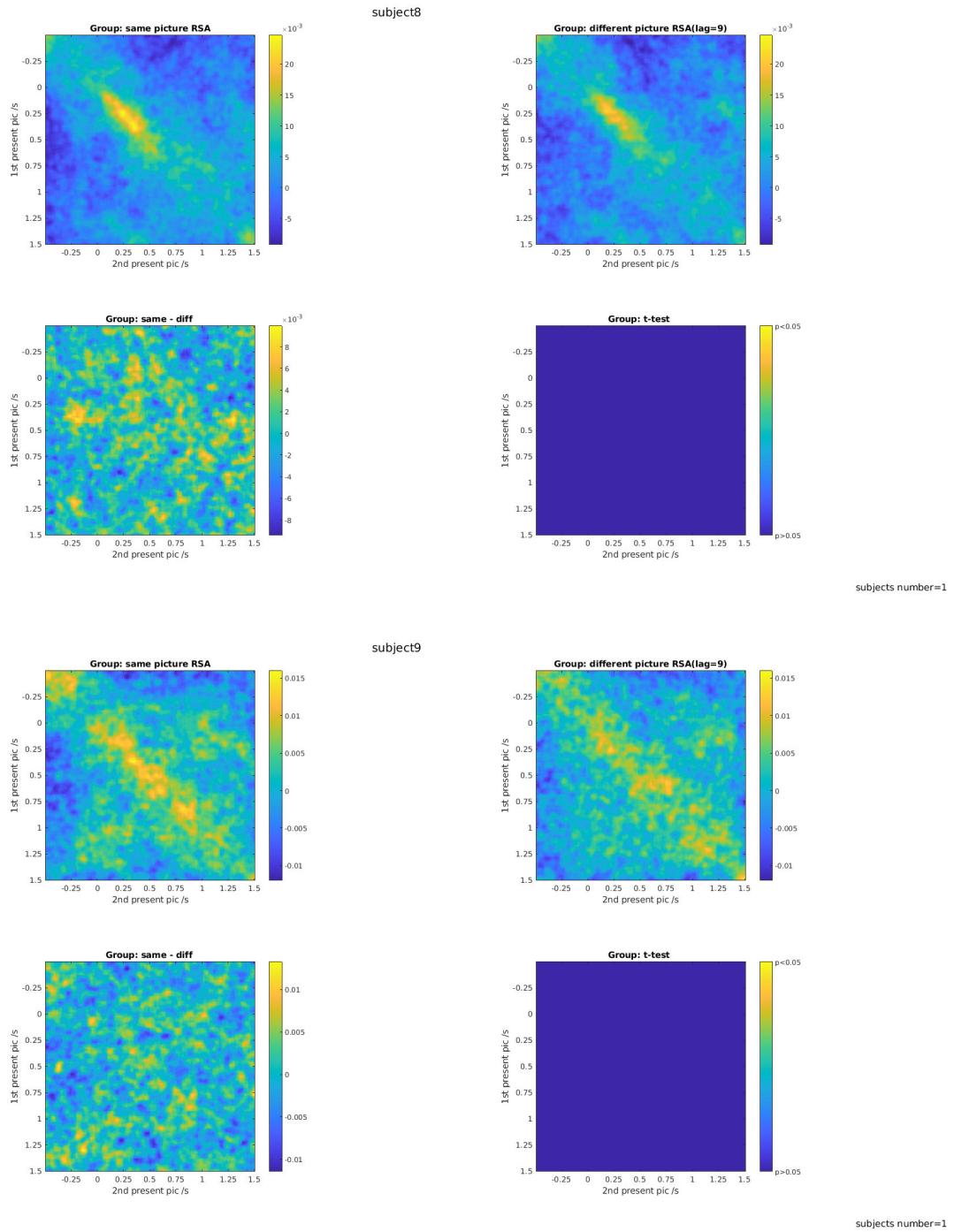


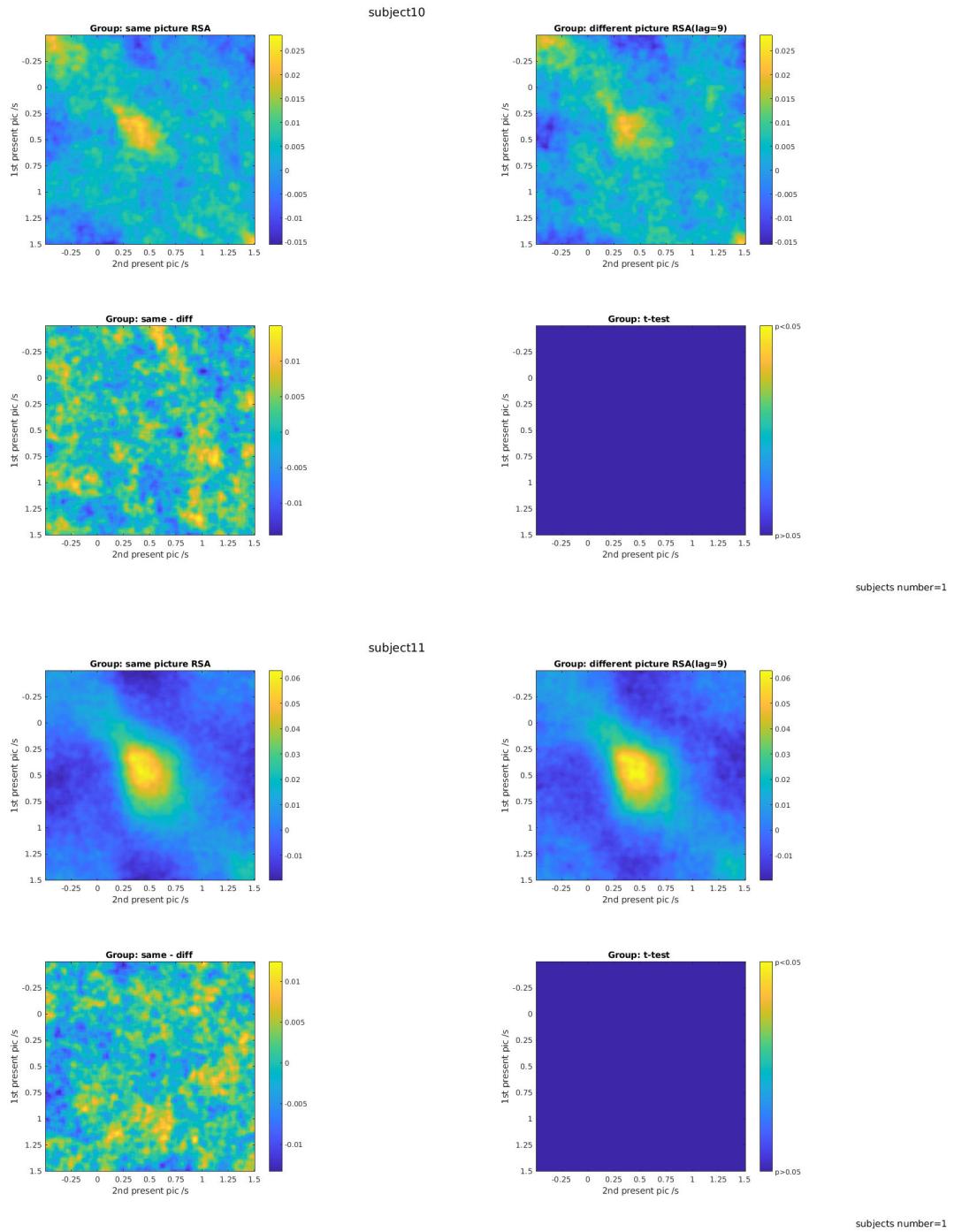
subjects number=1

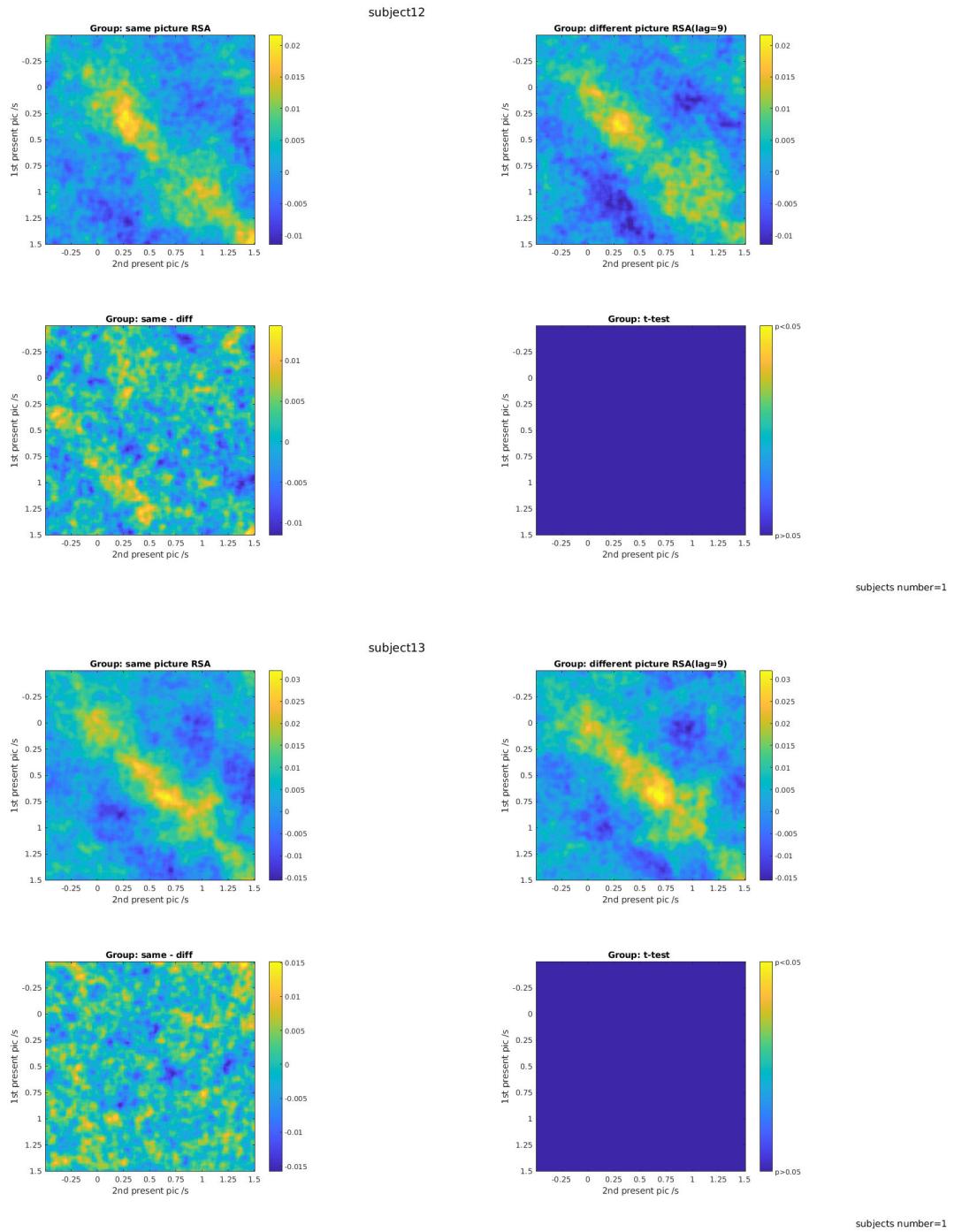


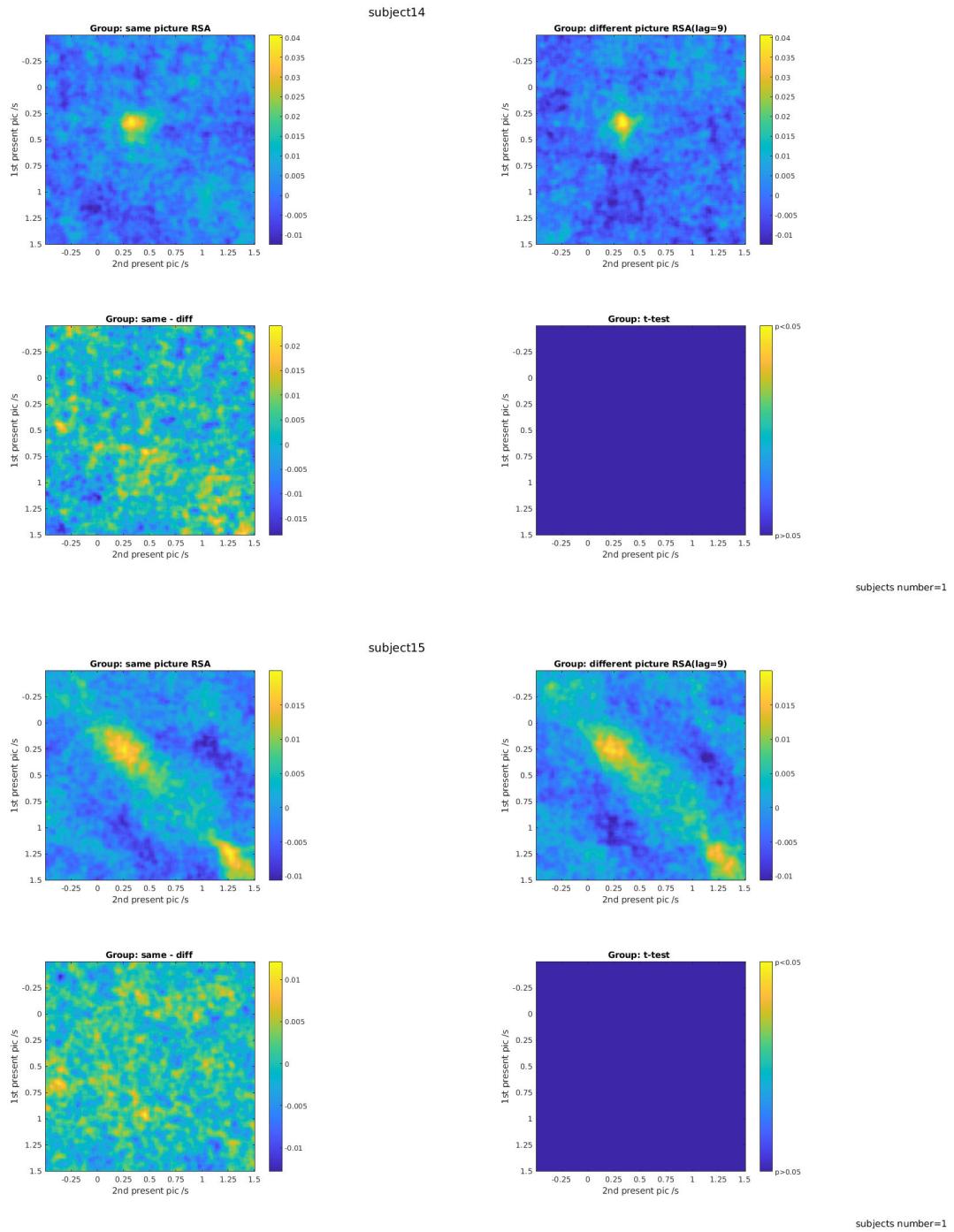


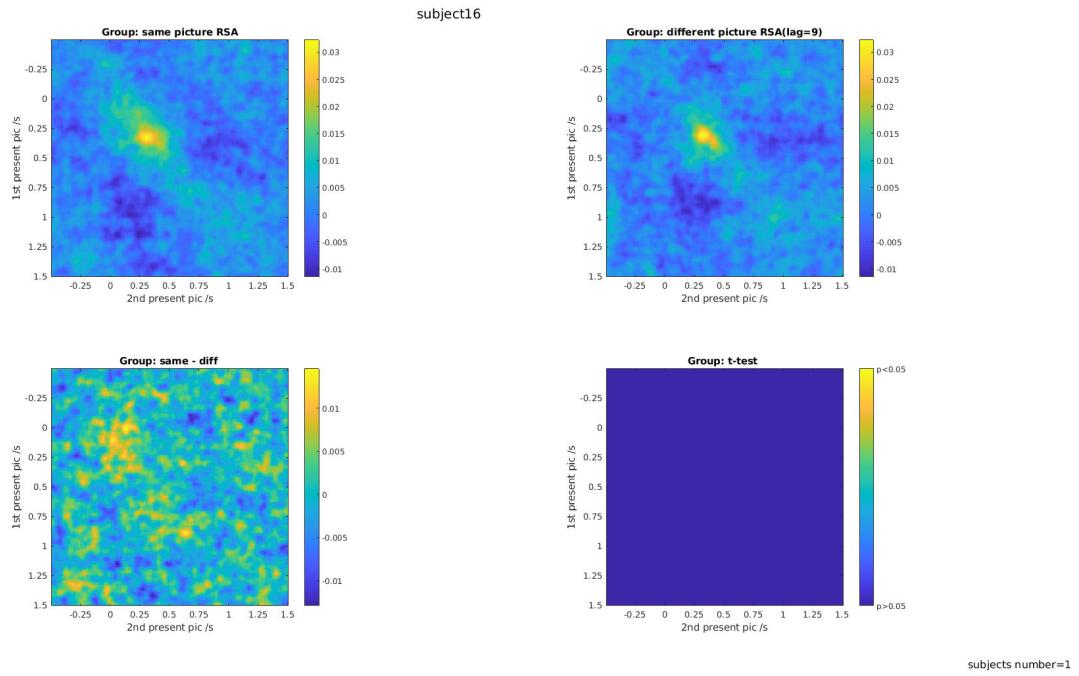








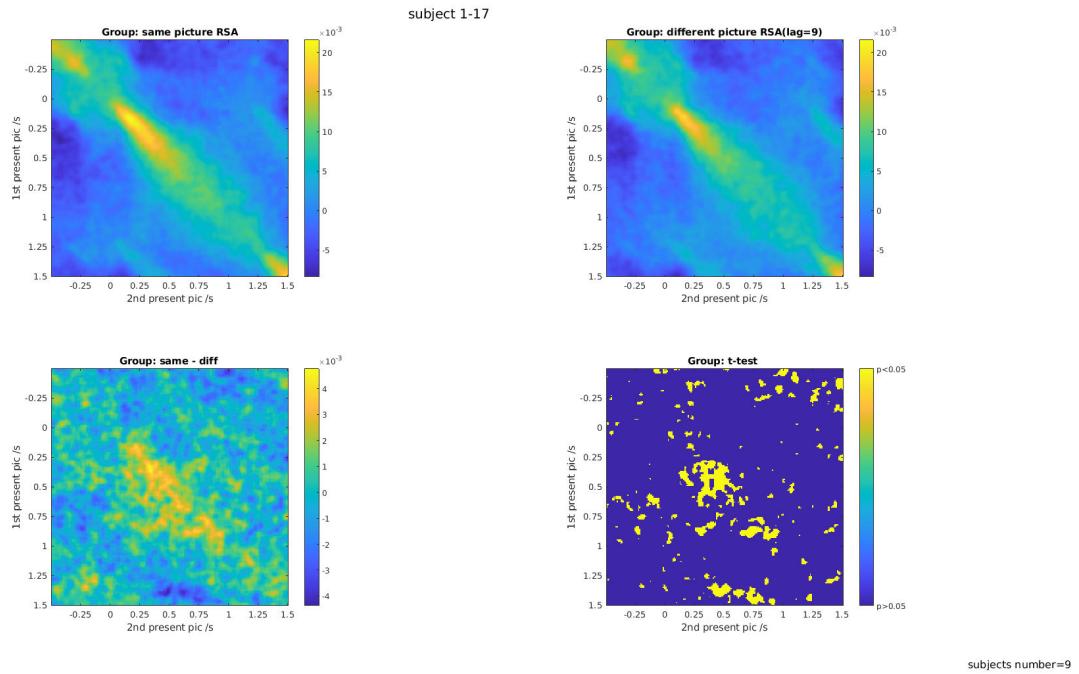




```
id=1:9;
disp(ids(id))
```

```
1      2      3      4      7      12     15     16     17
```

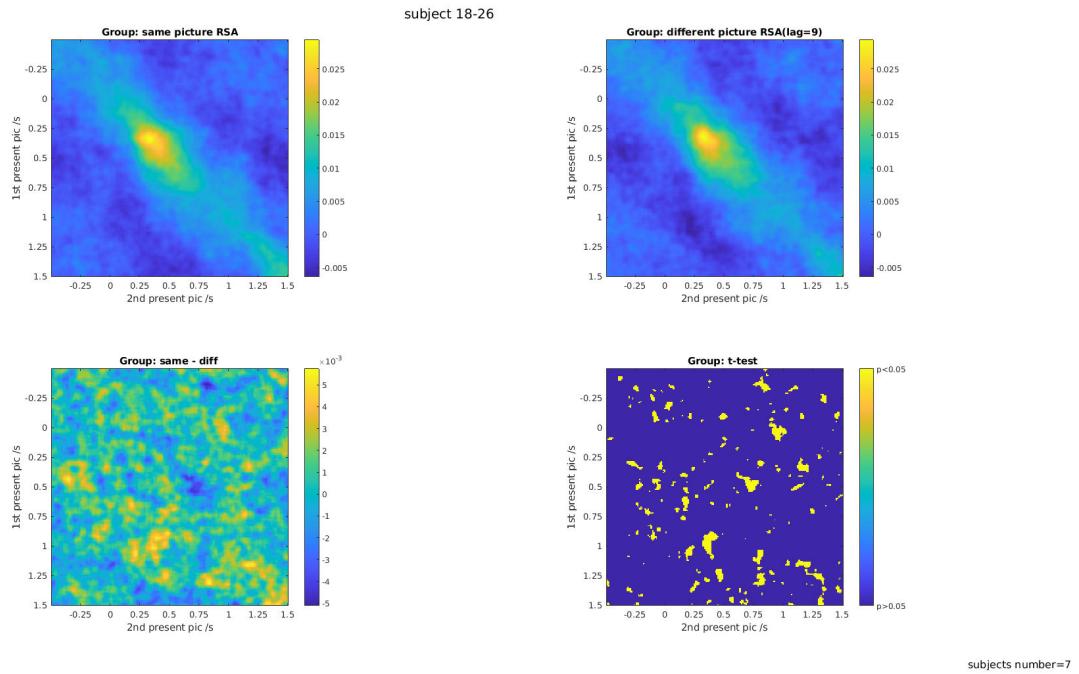
```
figure
rsa_same= rsa_group.same(:,:,id);
rsa_diff = rsa_group.diff{lag}(:,:,id);
plt_rsa_obj_sd(rsa_same, rsa_diff, subject, lag, plot_window)
sgtitle([proj, ': subject 1-17'])
```



```
id=10:16;
disp(ids(id))
```

```
18      19      20      21      24      25      26
```

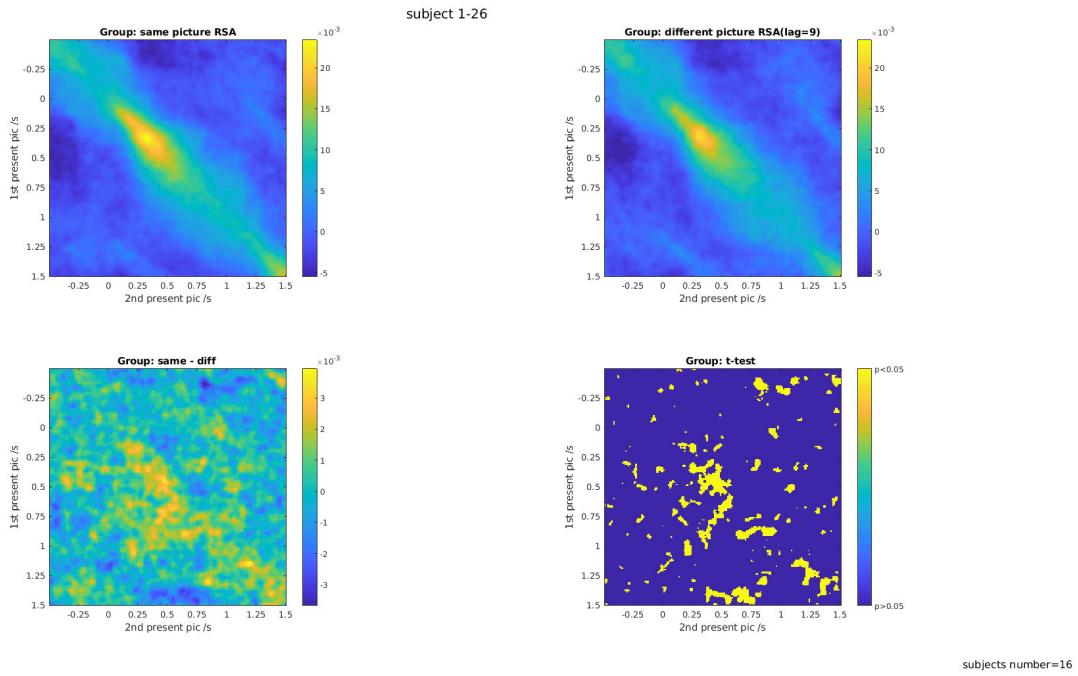
```
figure
rsa_same= rsa_group.same(:,:,id);
rsa_diff = rsa_group.diff{lag}(:,:,id);
plt_rsa_obj_sd(rsa_same, rsa_diff, subject, lag, plot_window)
sgtitle([proj, ': subject 18-26'])
```



```
id=1:16;
disp(ids(id))
```

1	2	3	4	7	12	15	16	17	18	19	20	21	24	25	26
---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----

```
figure
rsa_same= rsa_group.same(:,:,id);
rsa_diff = rsa_group.diff{lag}(:,:,id);
plt_rsa_obj_sd(rsa_same, rsa_diff, subject, lag, plot_window)
sgtitle(['proj, ': subject 1-26'])
```

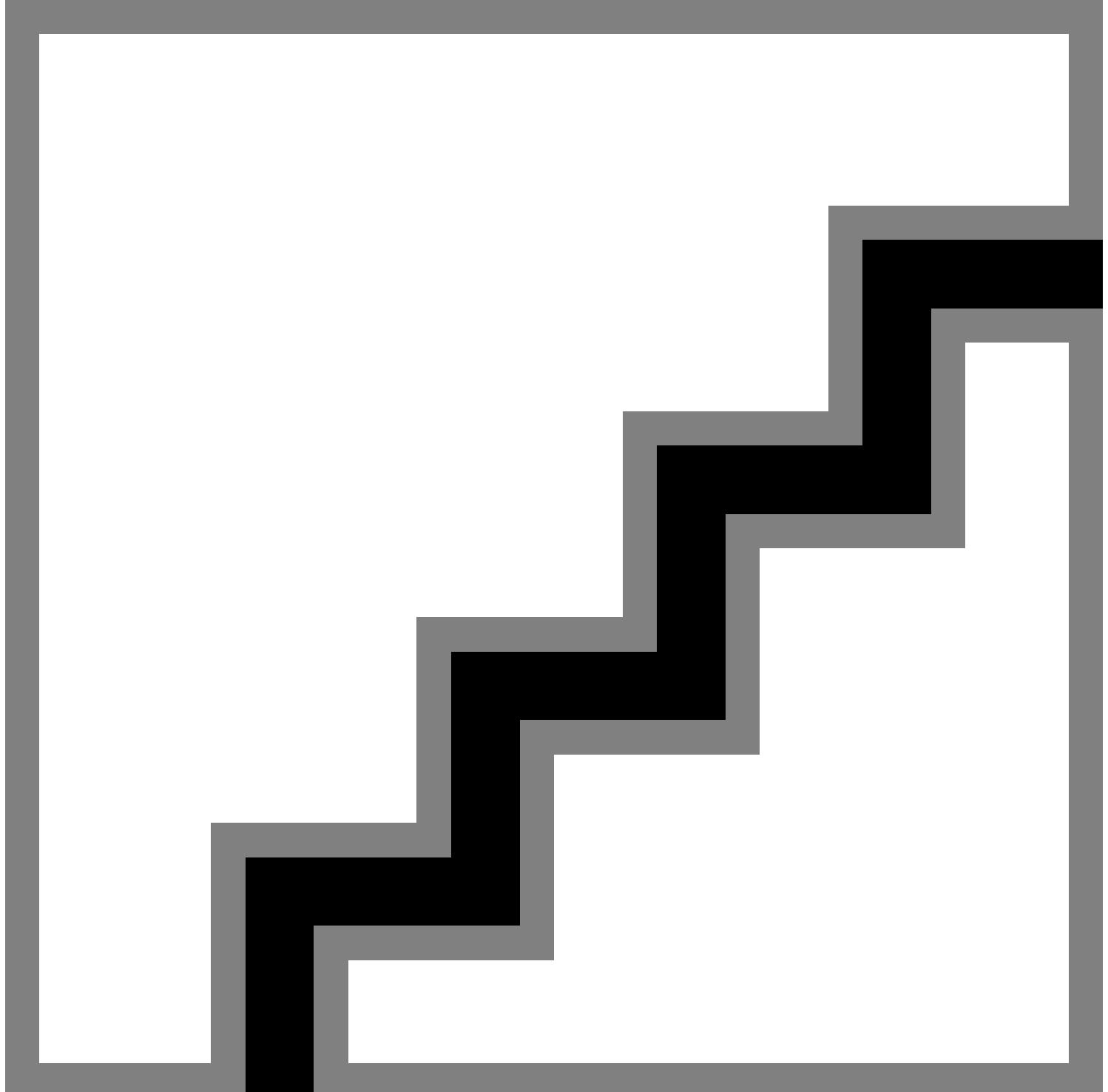


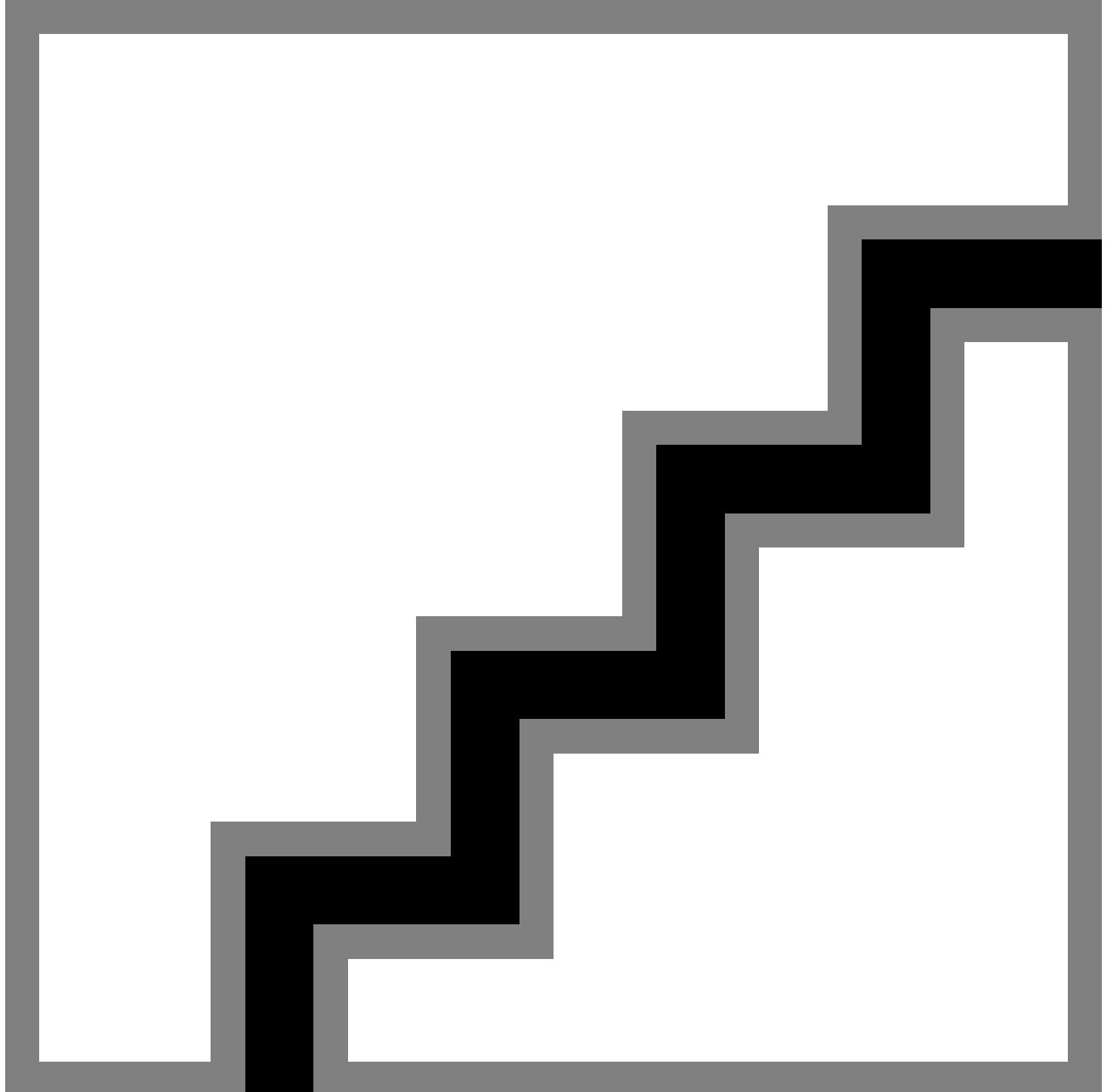
## obj2seq

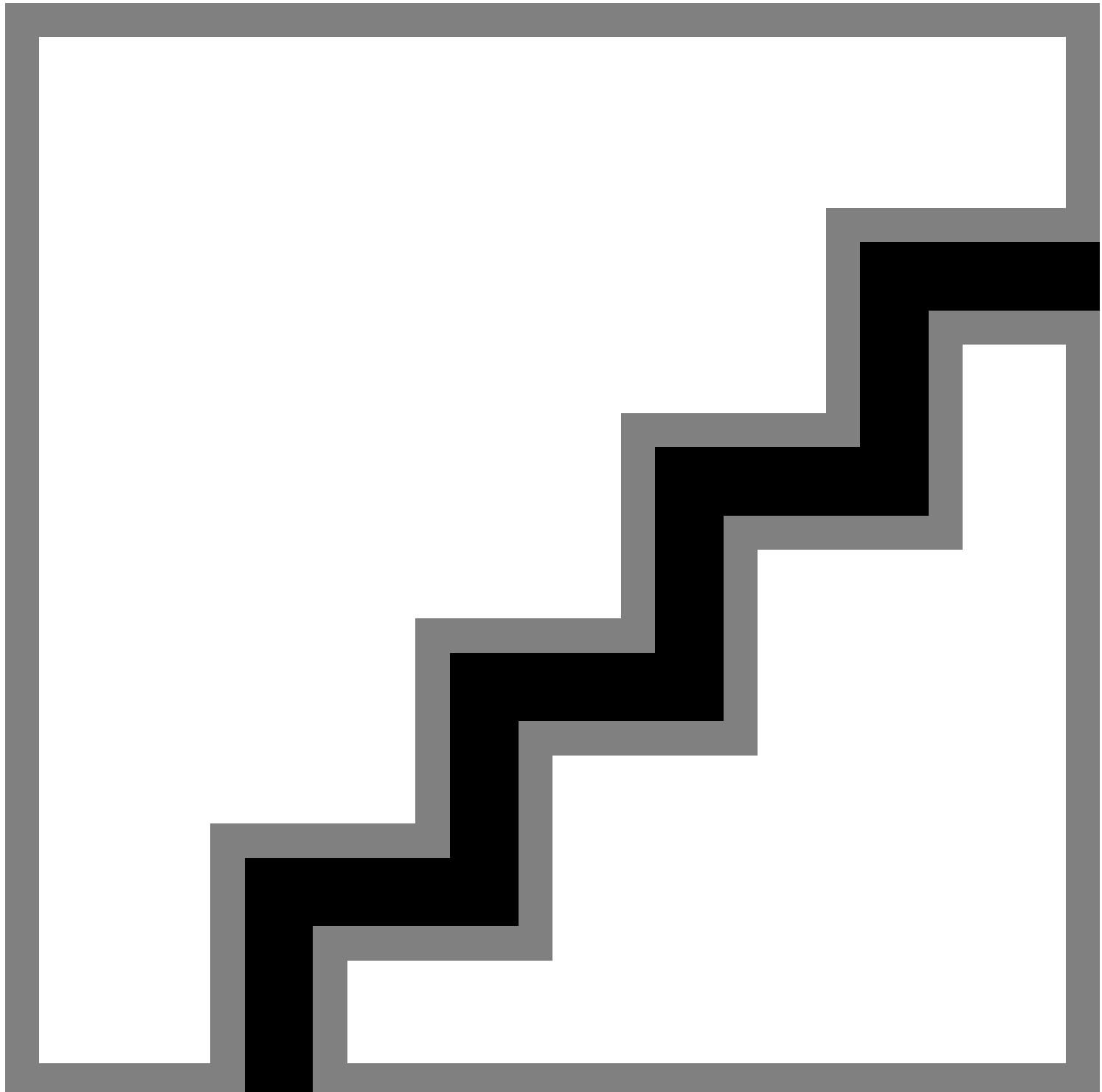
```
proj = 'obj2seq';
load([group_dir,'rsa_obj2seq_group.mat'], 'rsa_group')
ids = rsa_group.sub_id;
disp(ids)
```

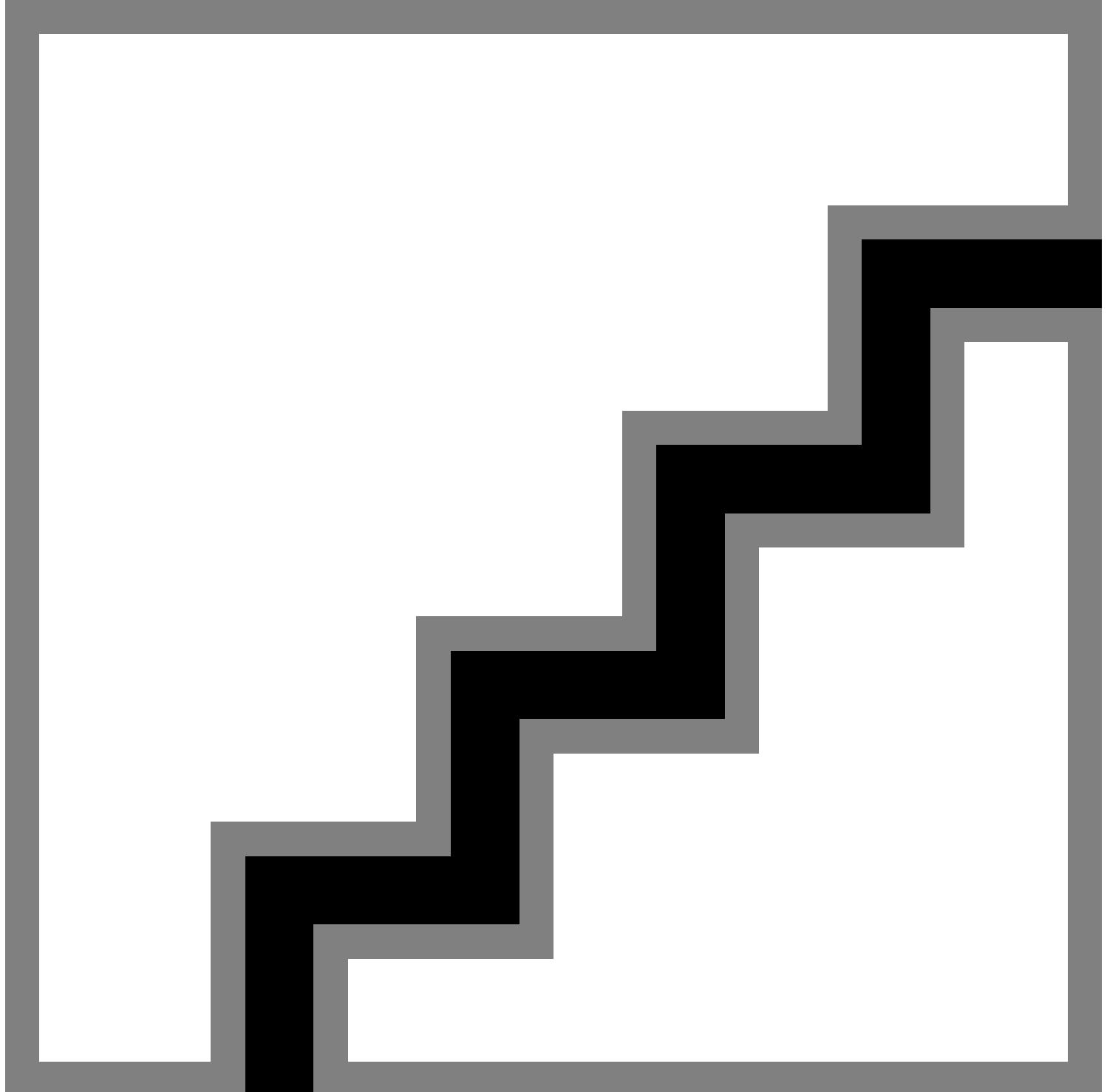
1      2      3      4      7      8      9      10      12      13      15      16      17      18      19      20      21

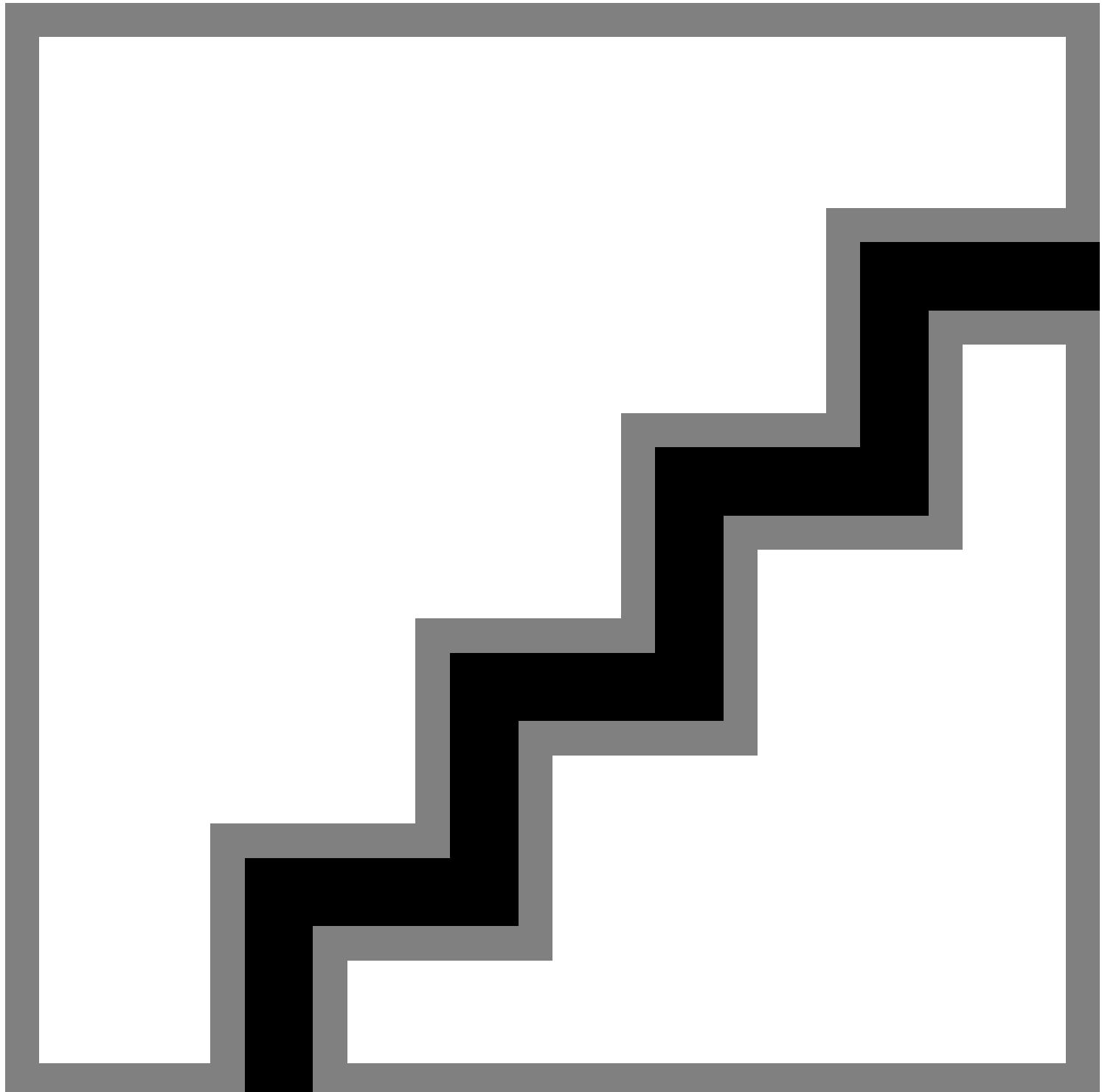
```
for i=1:length(ids)
figure
subject =[ 'subject',num2str(ids(i))];
rsa_same= rsa_group.same(:,:,i);
rsa_diff = rsa_group.diff(:,:,i);
plt_rsa_obj2seq_sd(rsa_same,rsa_diff,subject,plot_window)
sgtitle([proj, ': subject', num2str(i)])
end
```

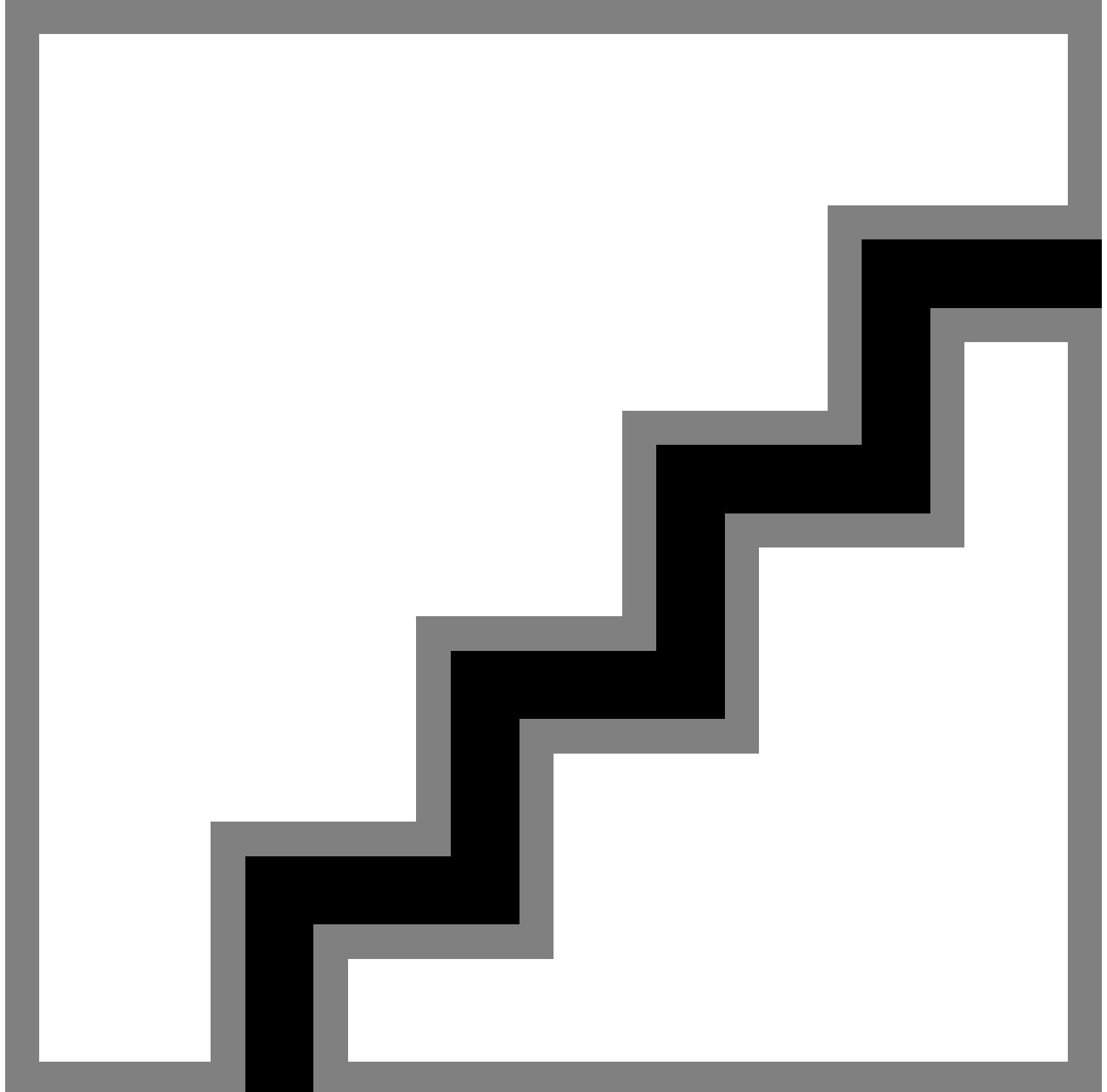


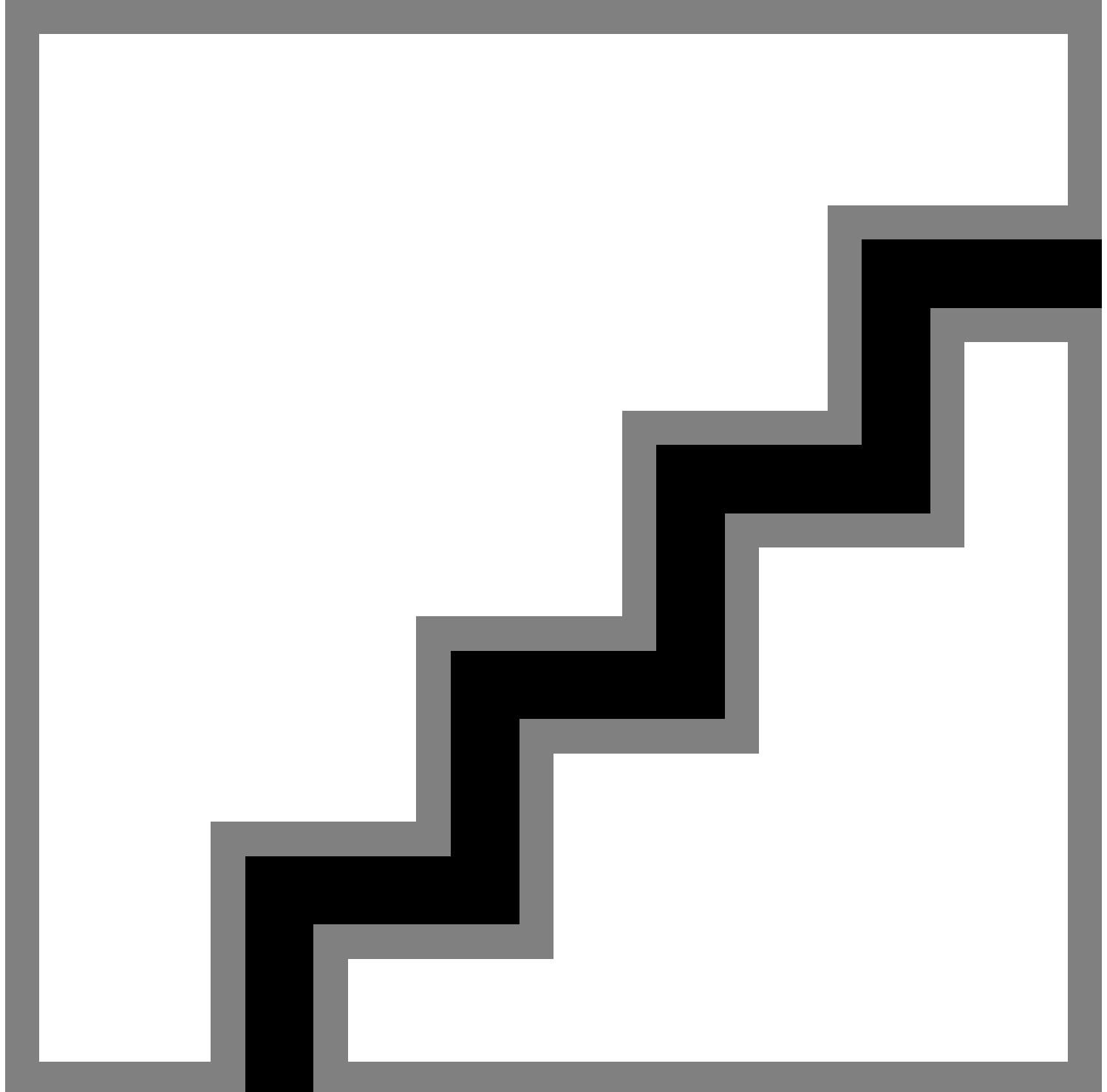


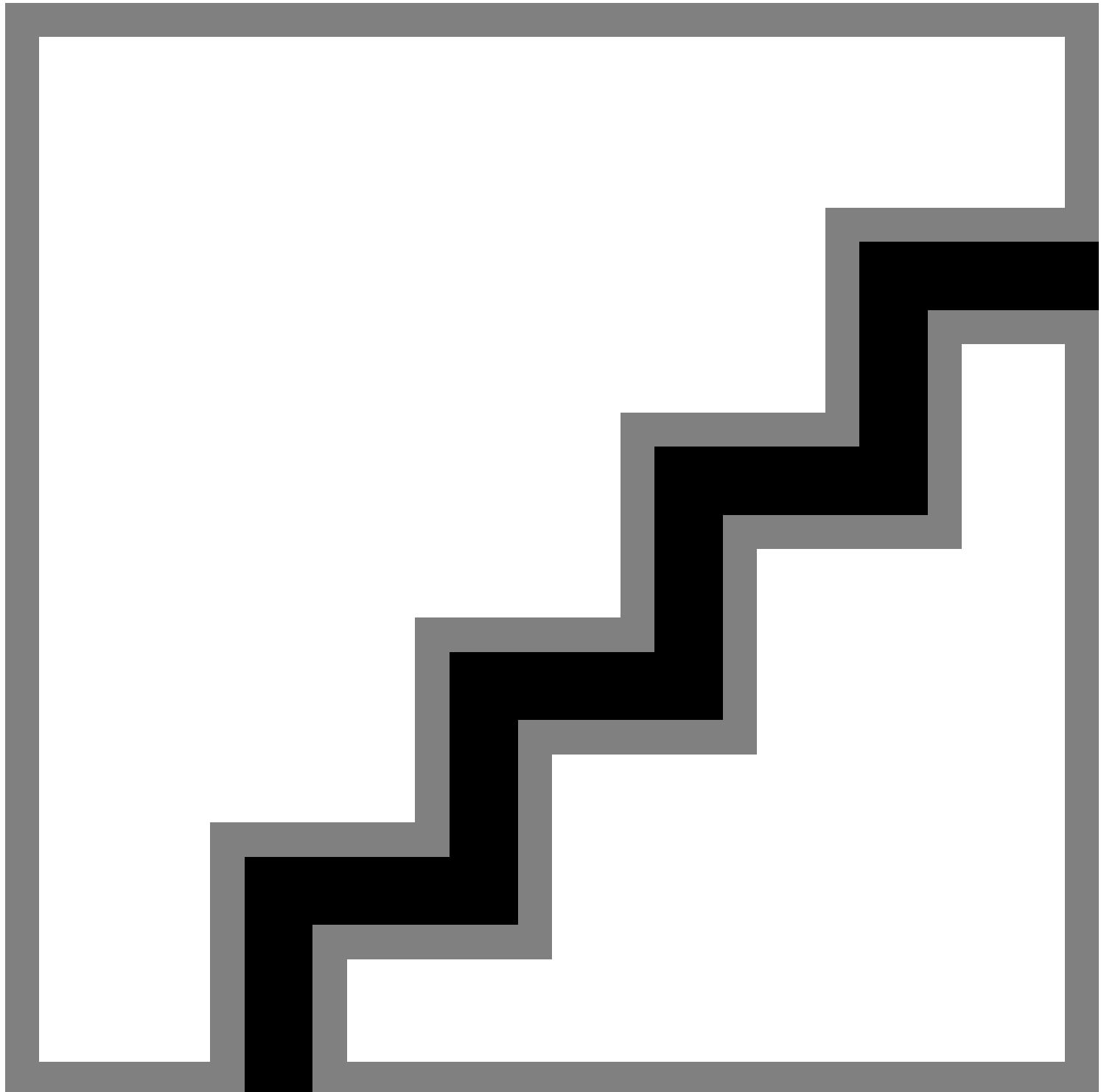


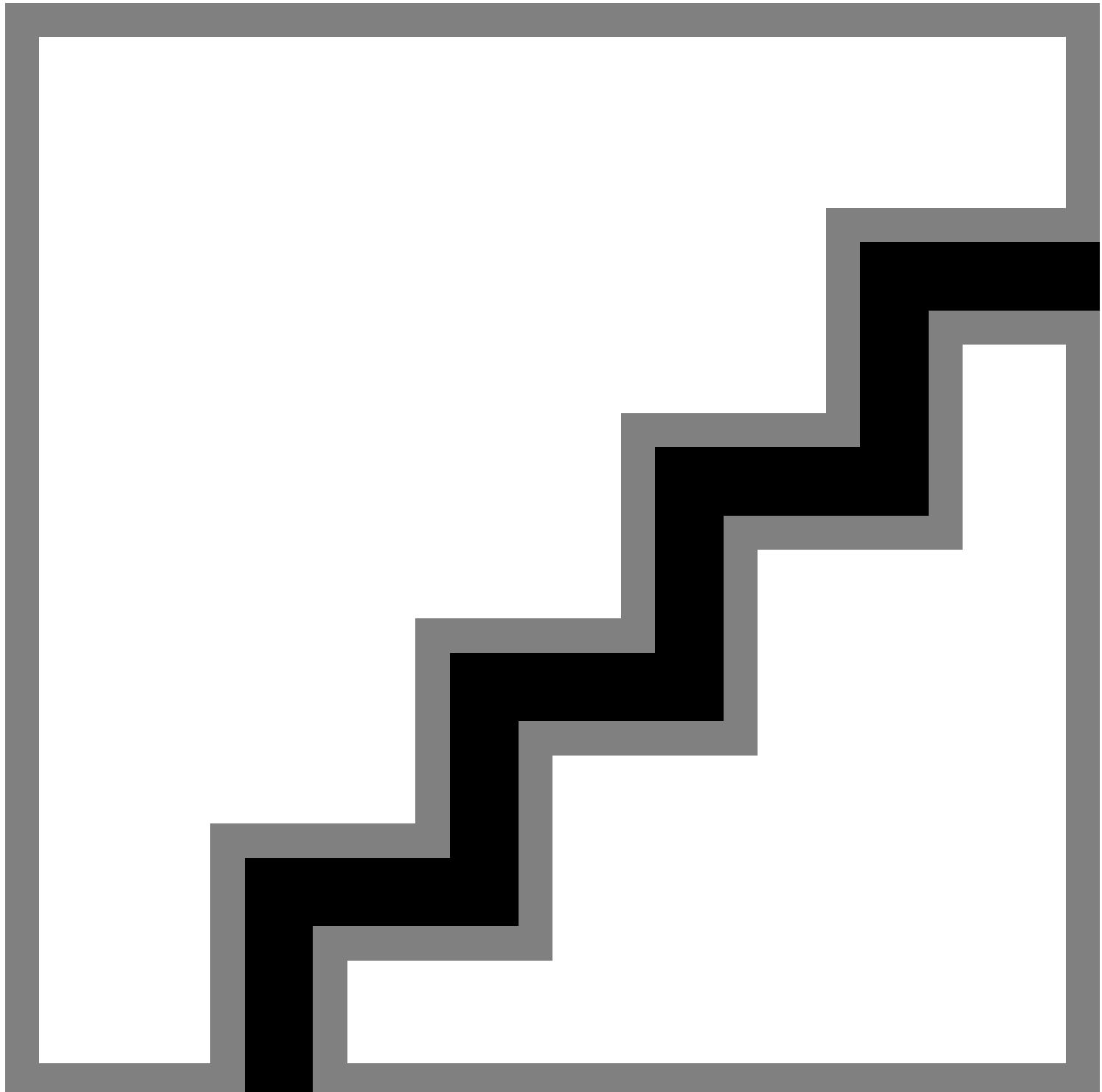


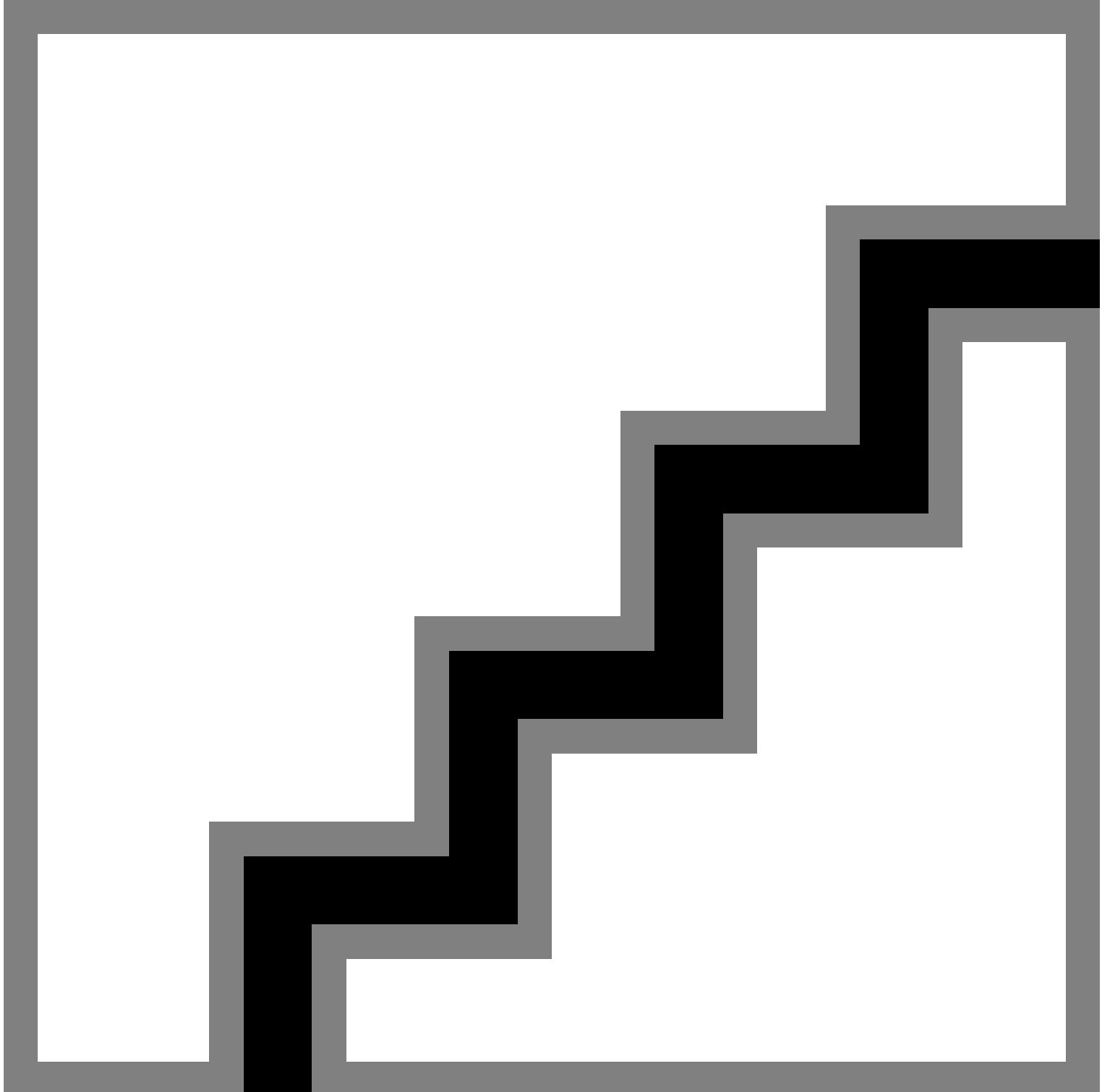


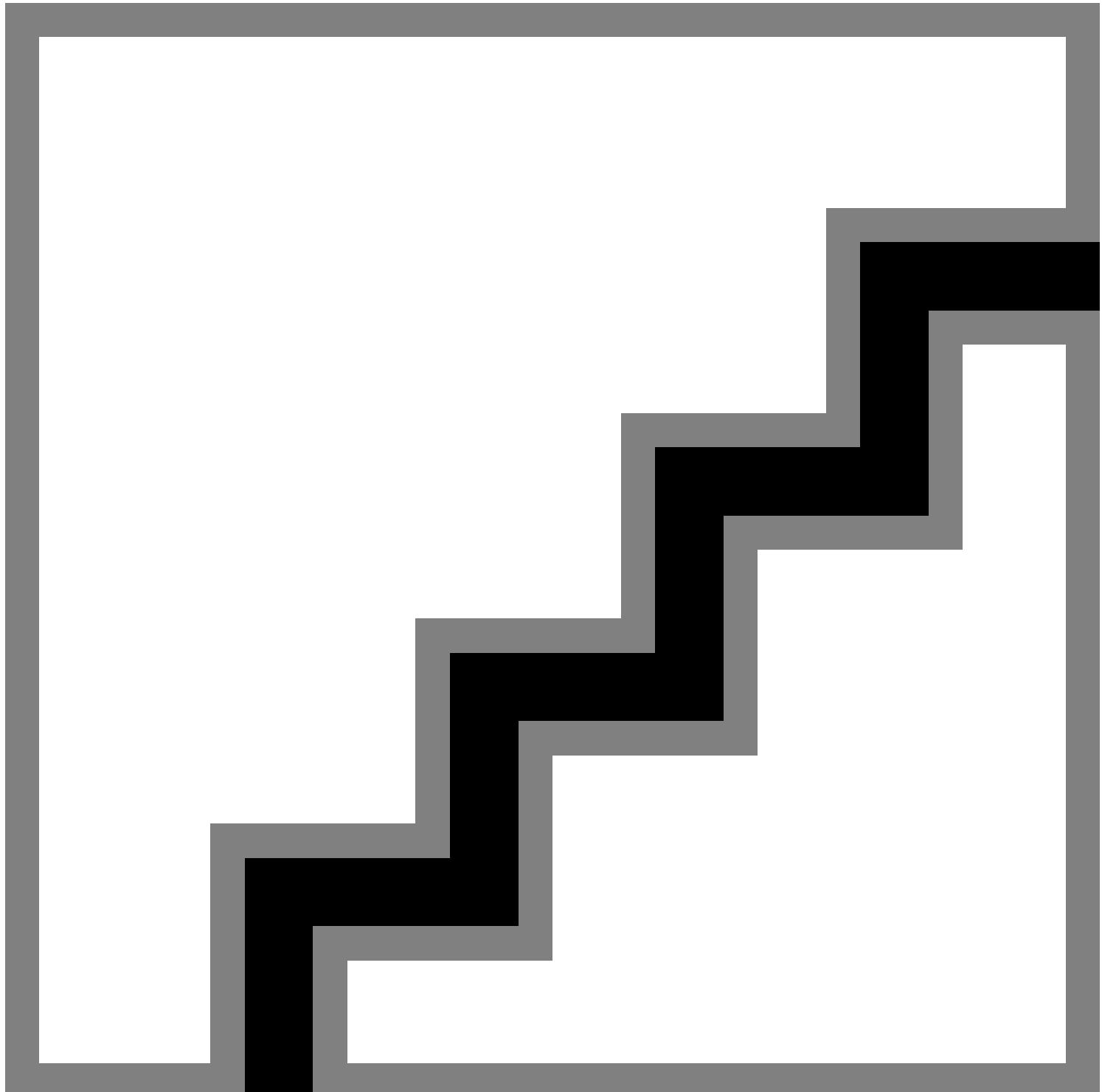


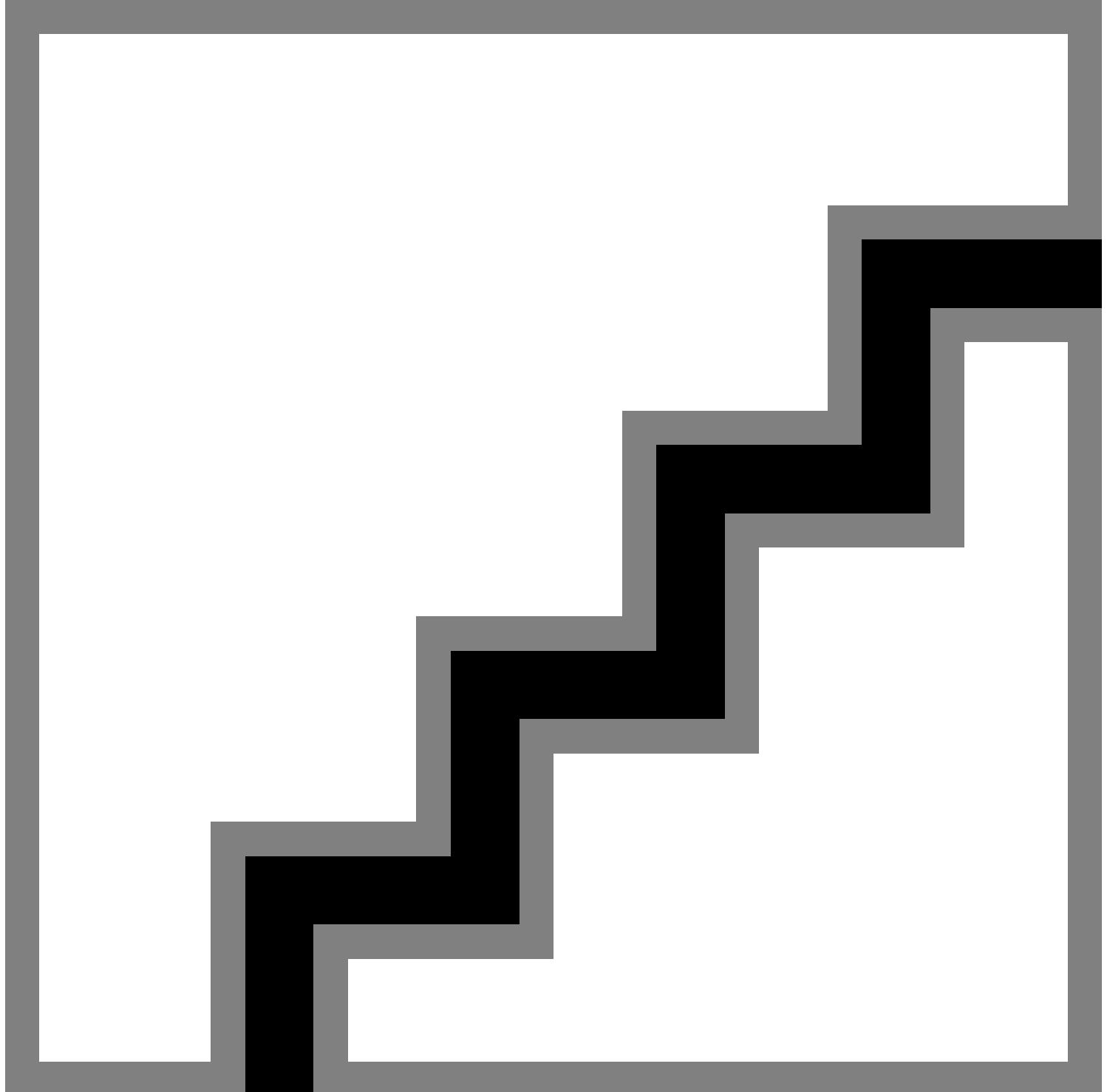


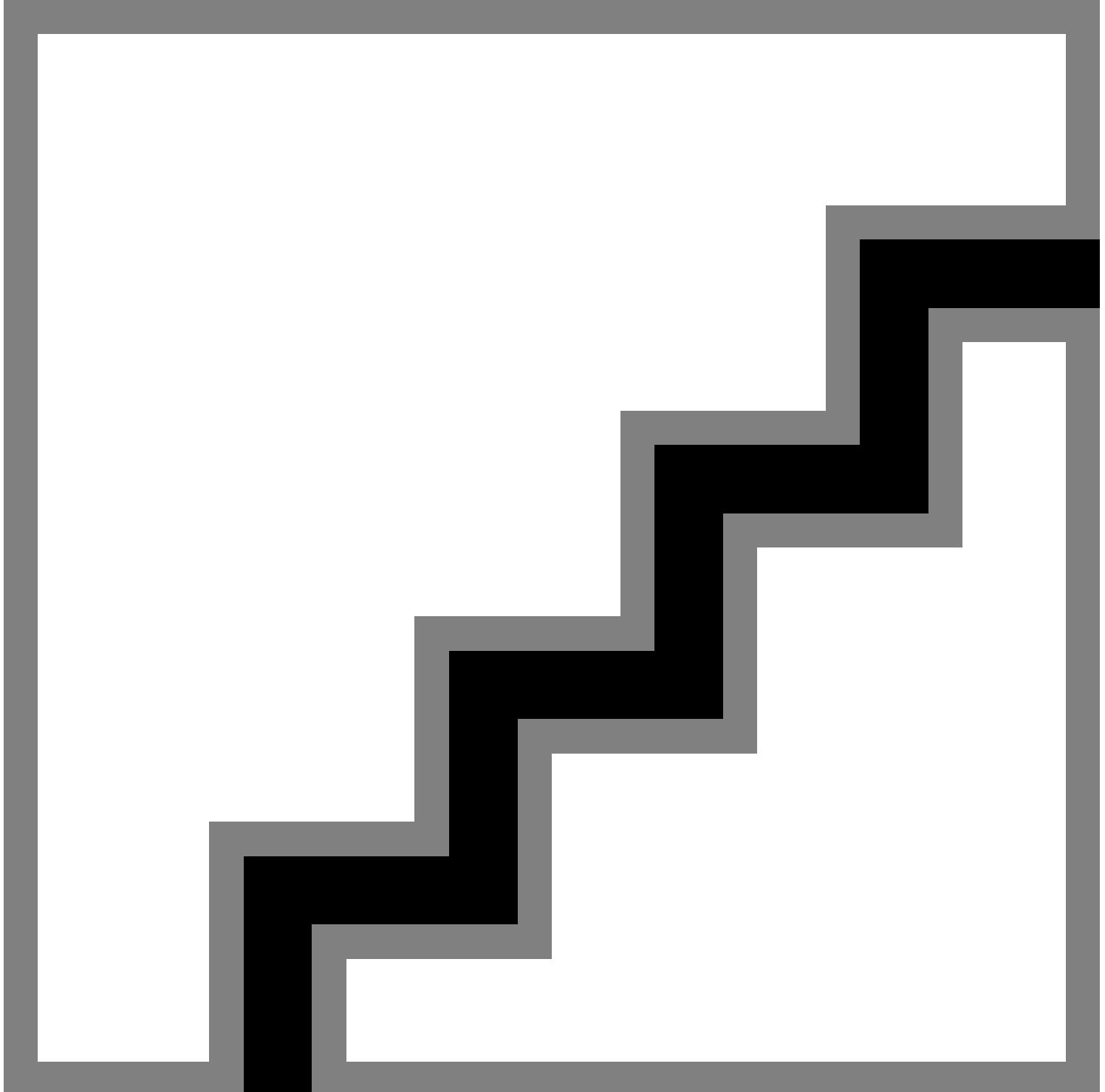


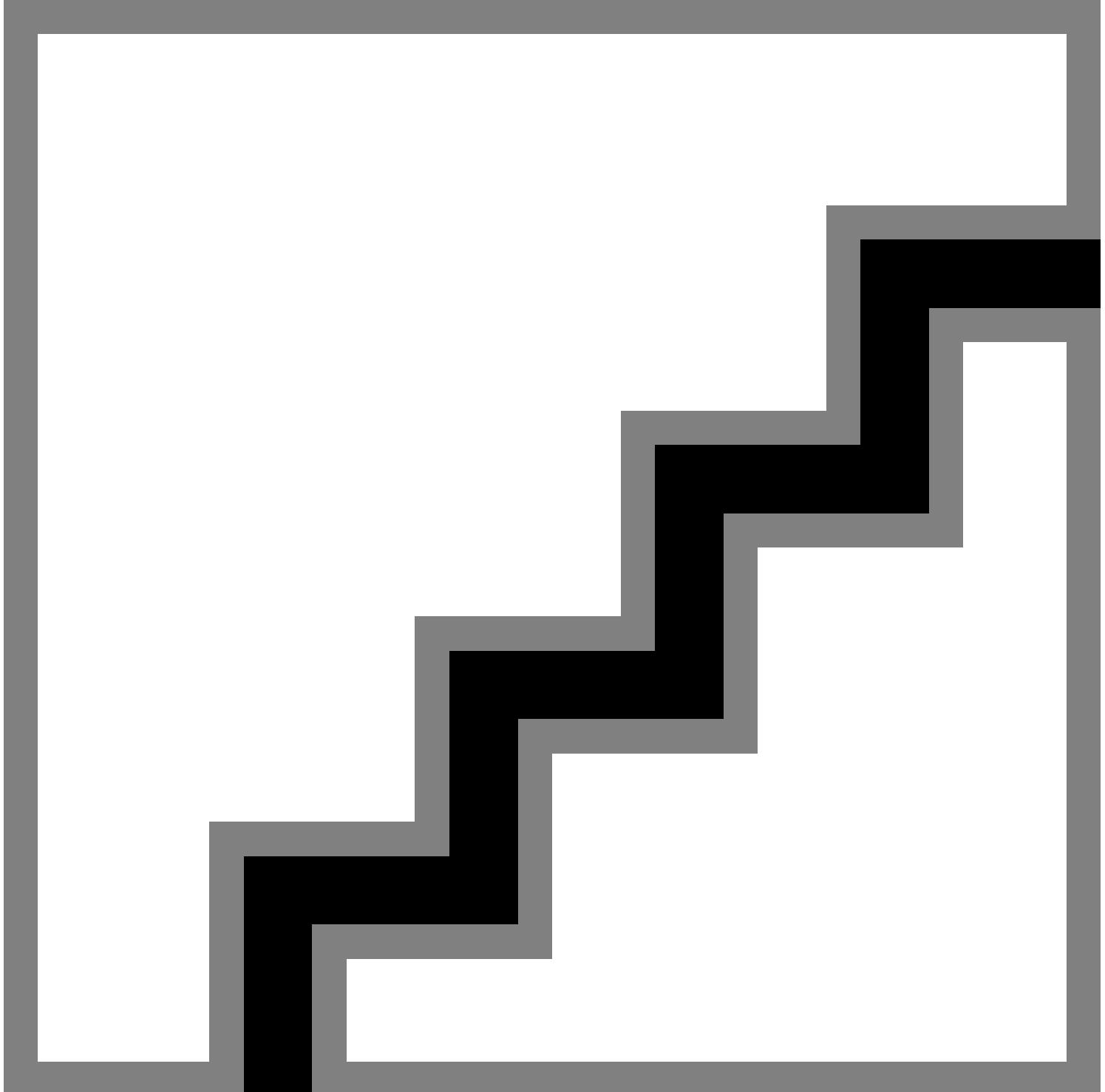


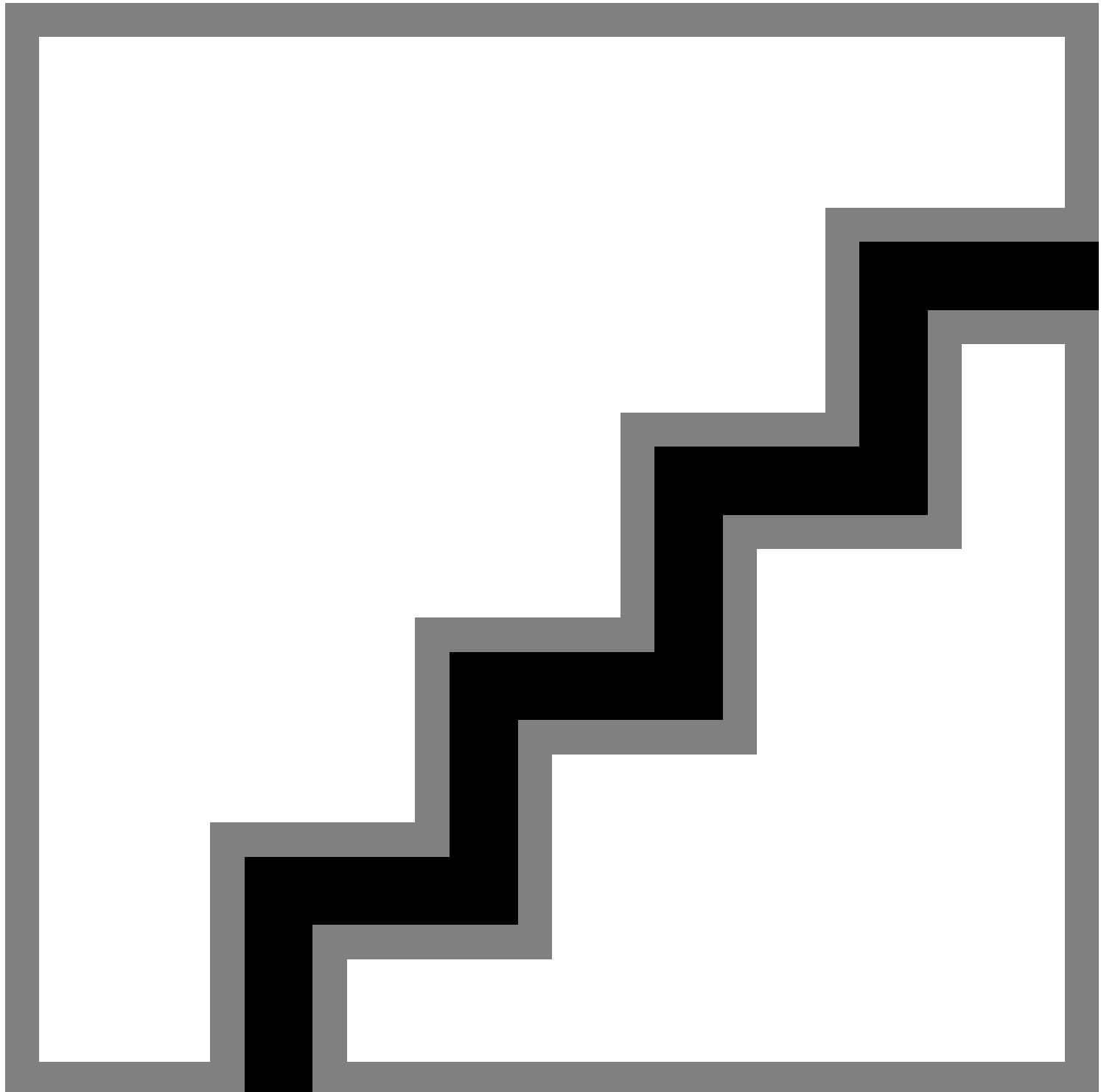


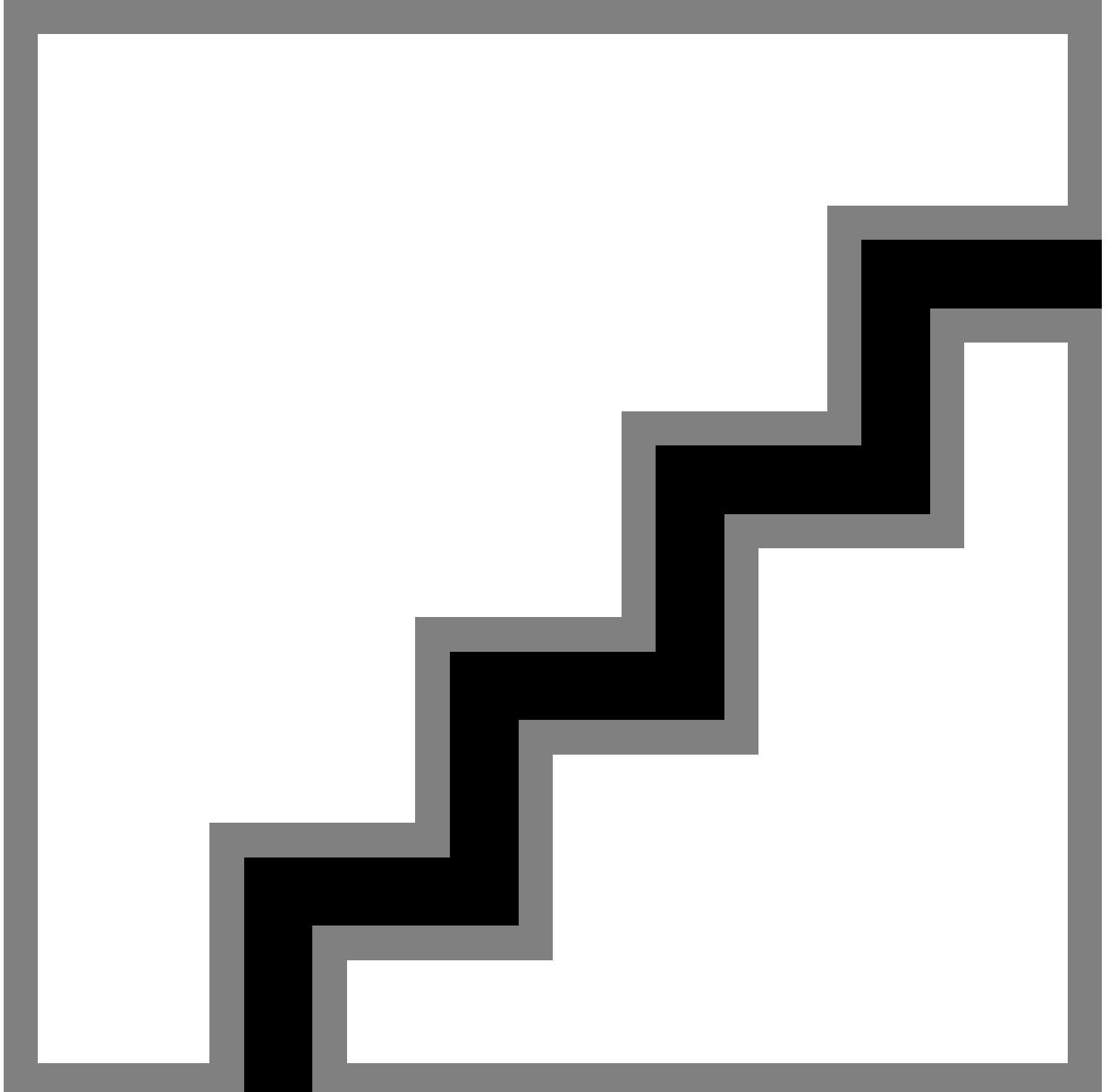


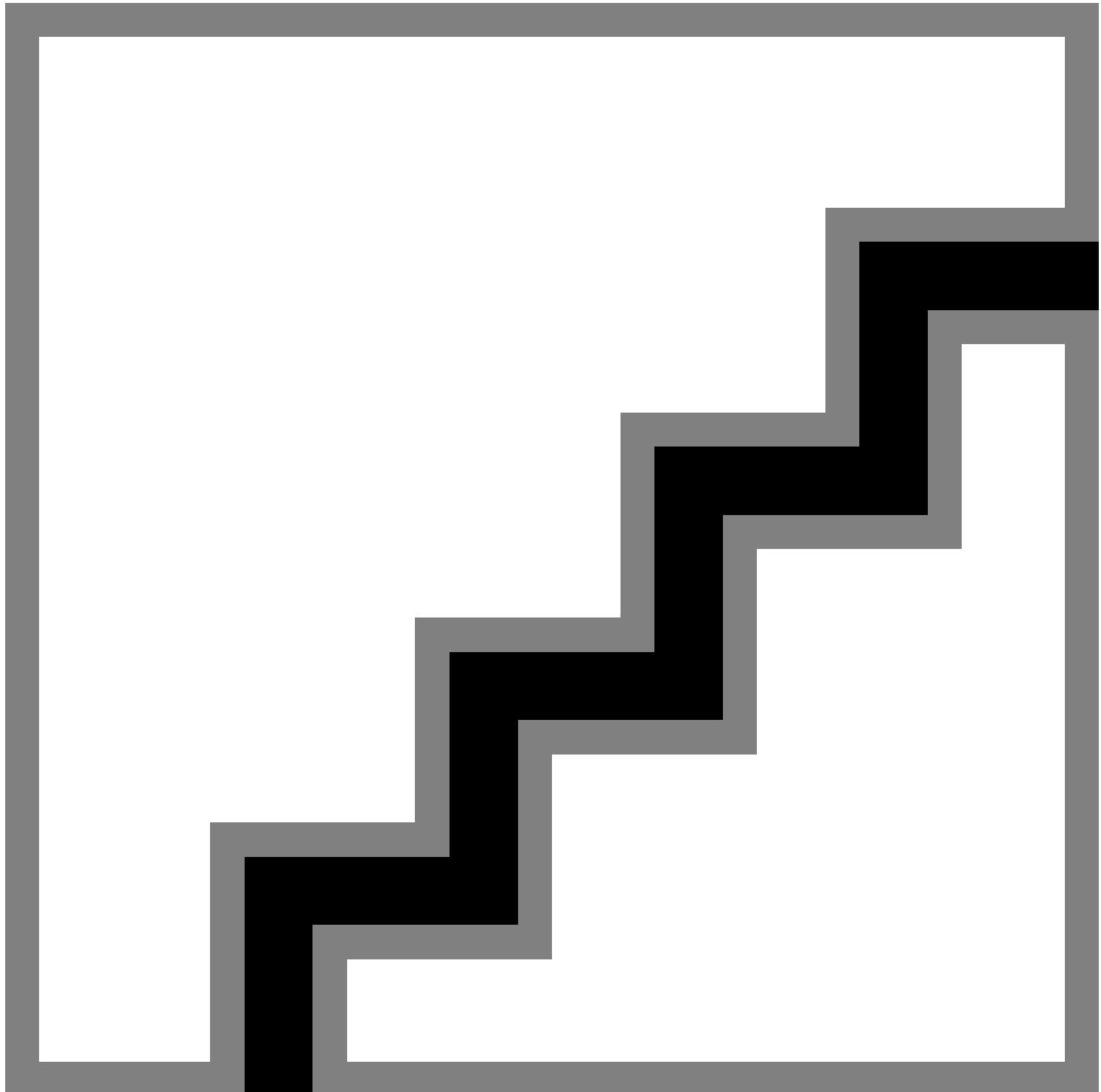


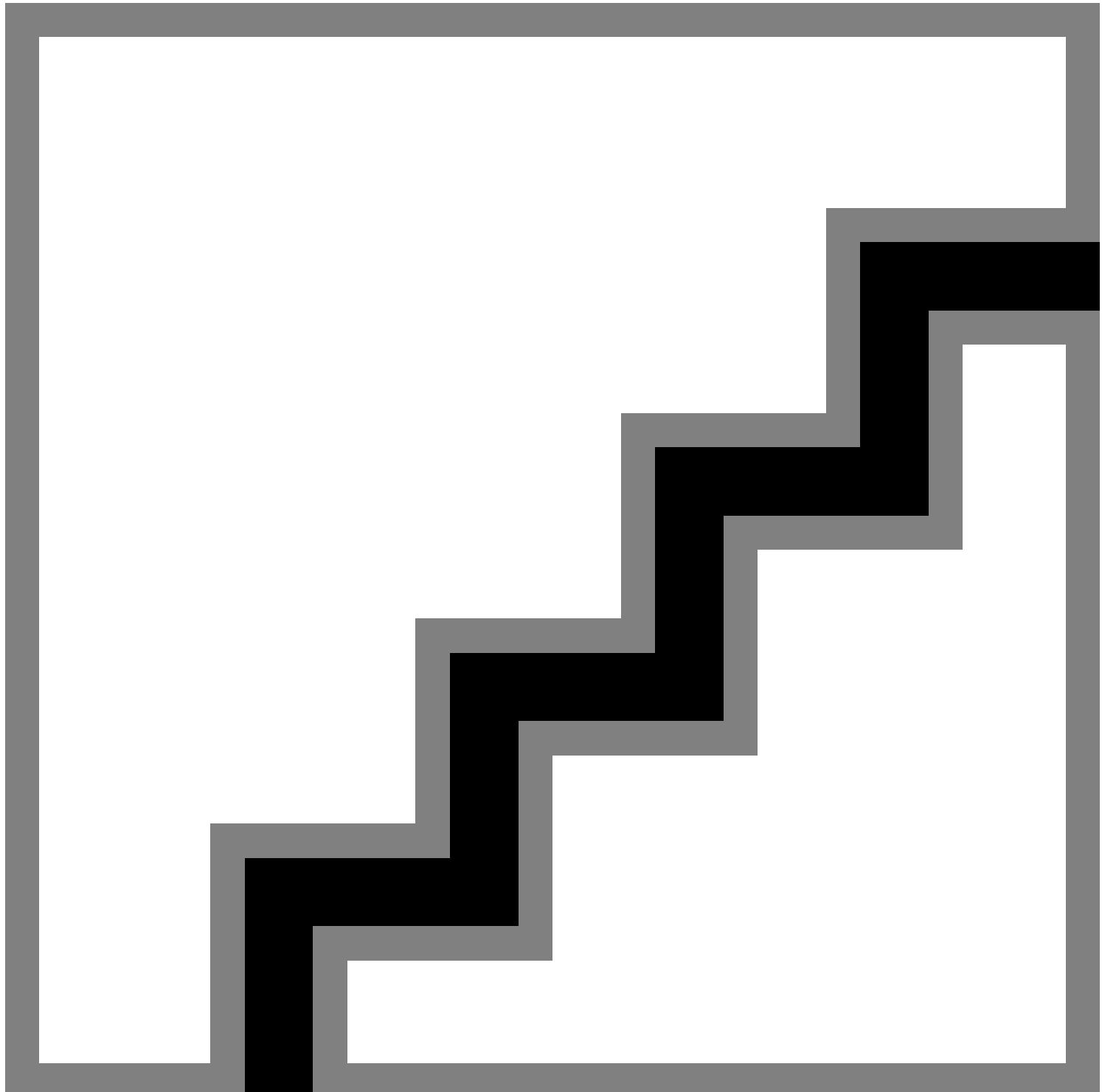


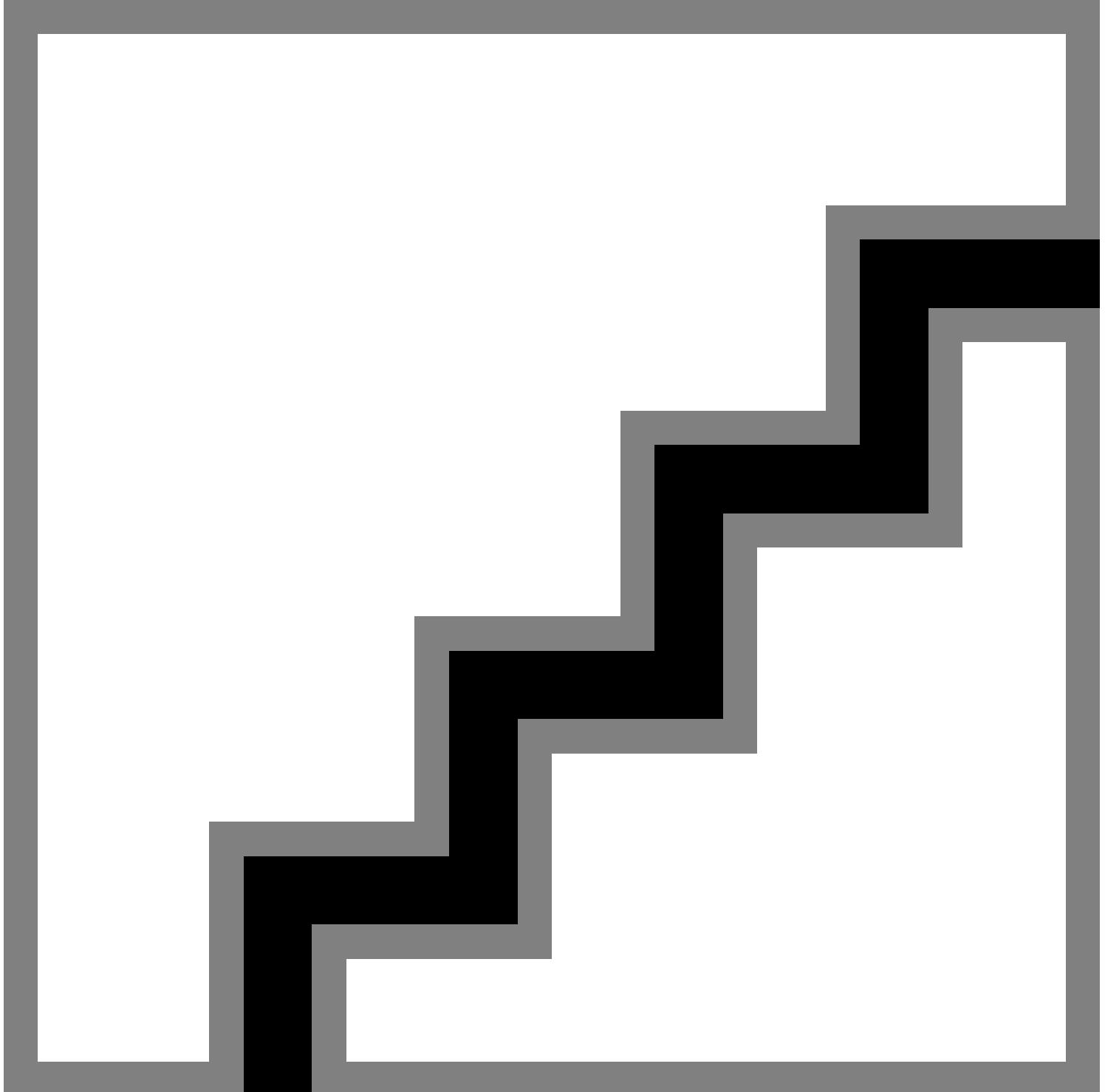


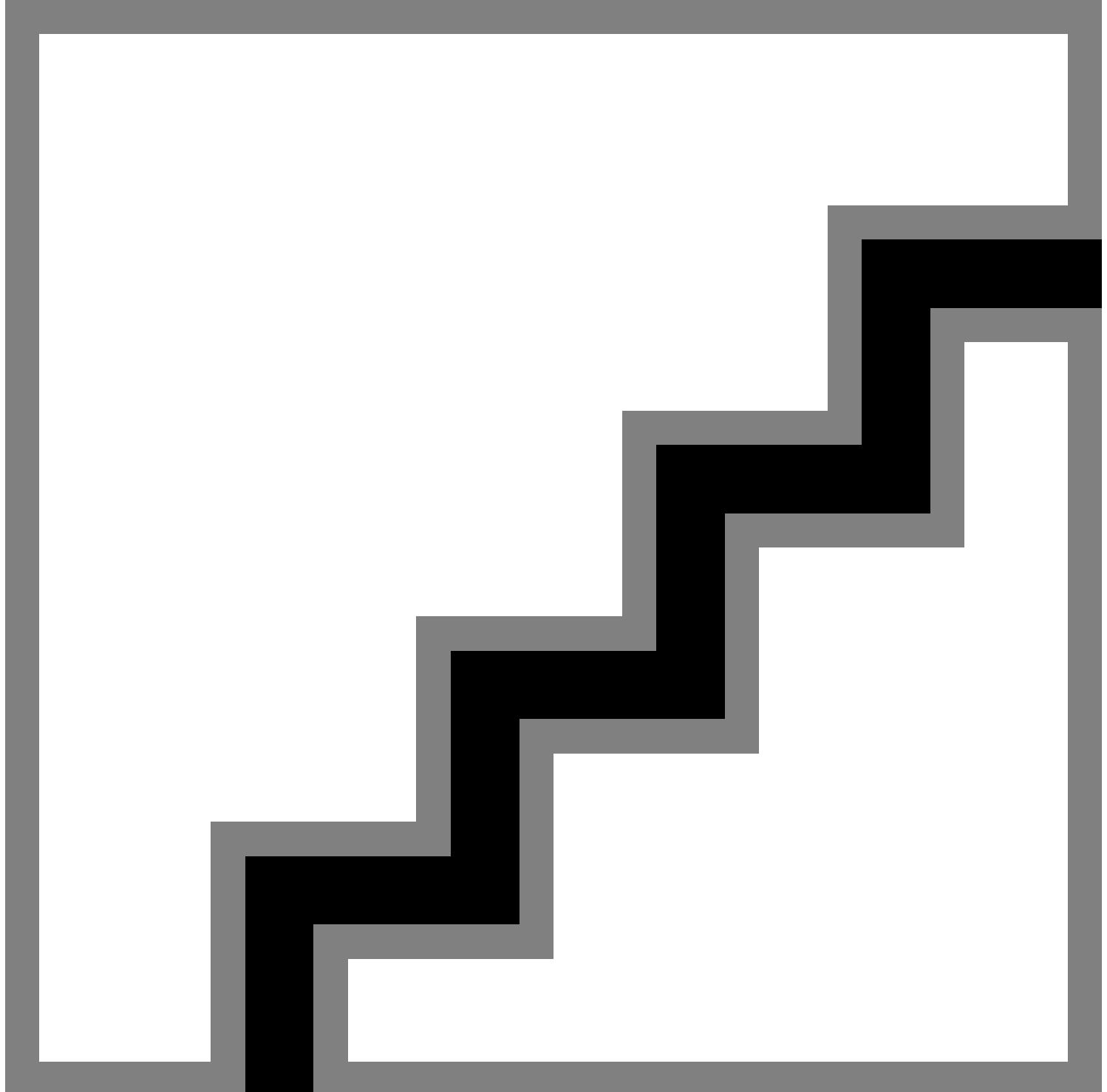










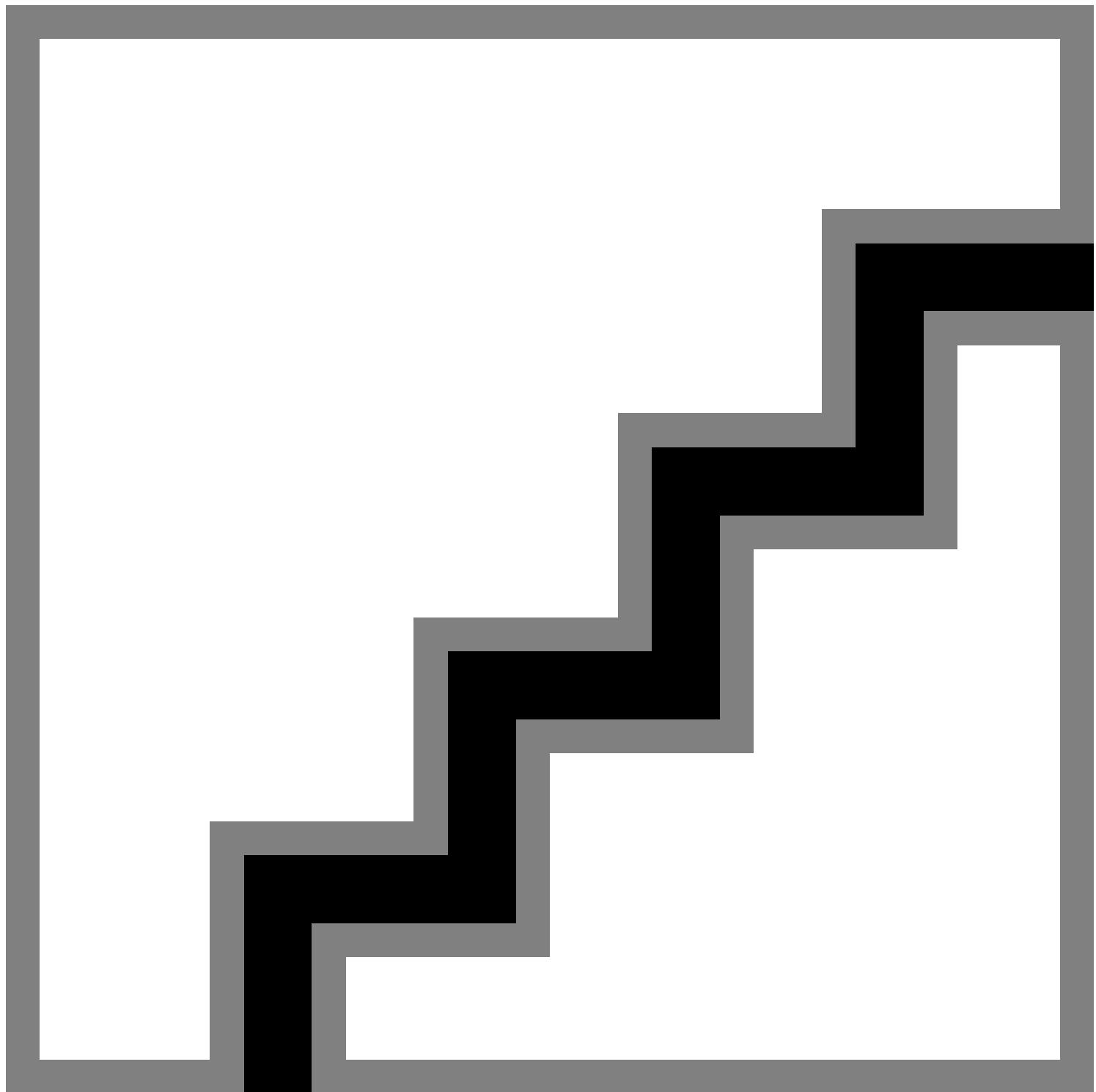


```
id=1:13;
disp(ids(id))
```

```
1    2    3    4    7    8    9    10   12   13   15   16   17
```

```
subject ='subject 1-17';
figure
rsa_same= rsa_group.same(:, :, id);
rsa_diff = rsa_group.diff(:, :, id);
```

```
plt_rsa_obj2seq_sd(rsa_same,rsa_diff,subject,plot_window)  
sgtitle(subject)
```

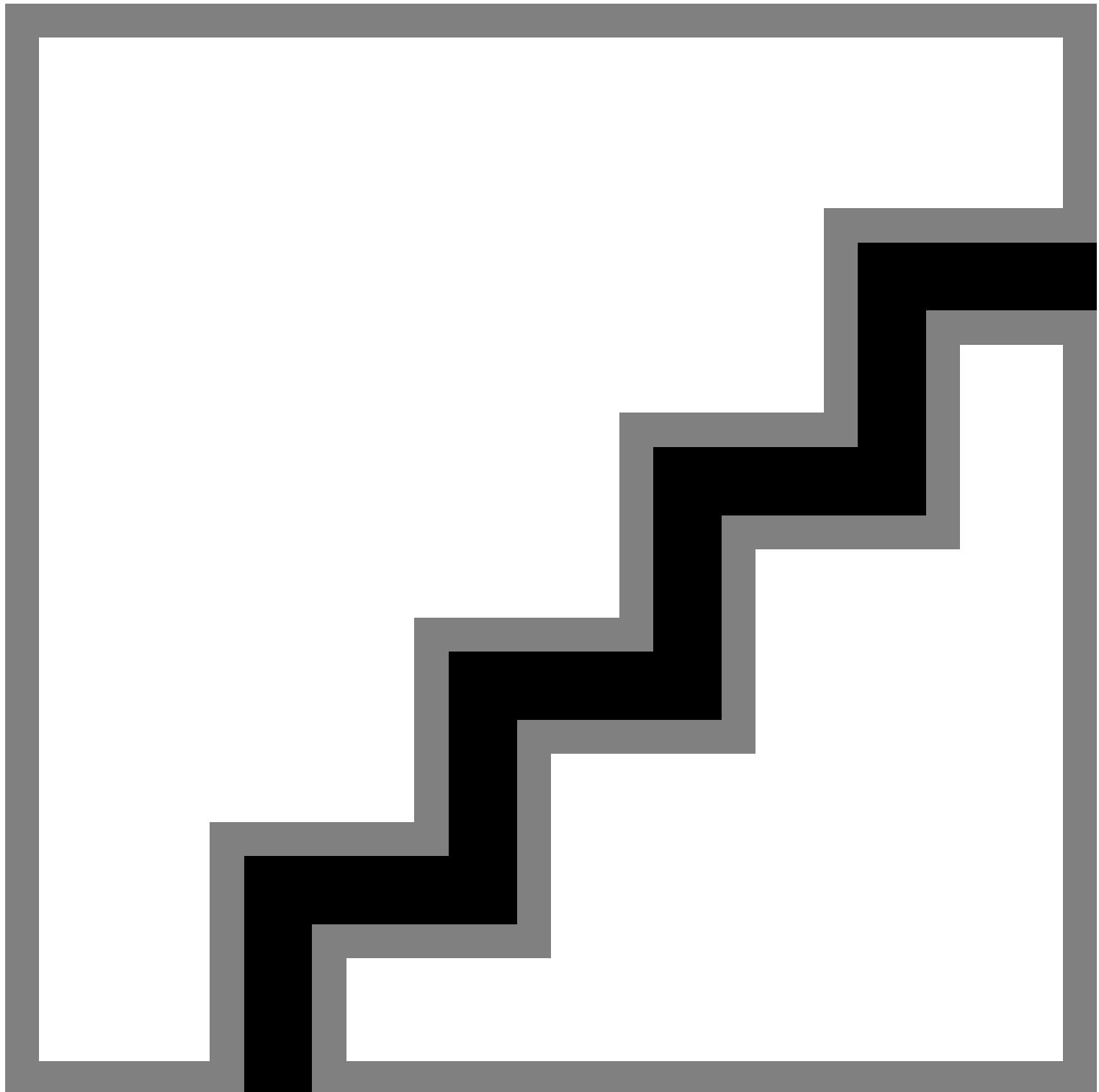


```
id=14:20;  
disp(ids(id))
```

18    19    20    21    24    25    26

```
subject ='subject 18-26';  
figure
```

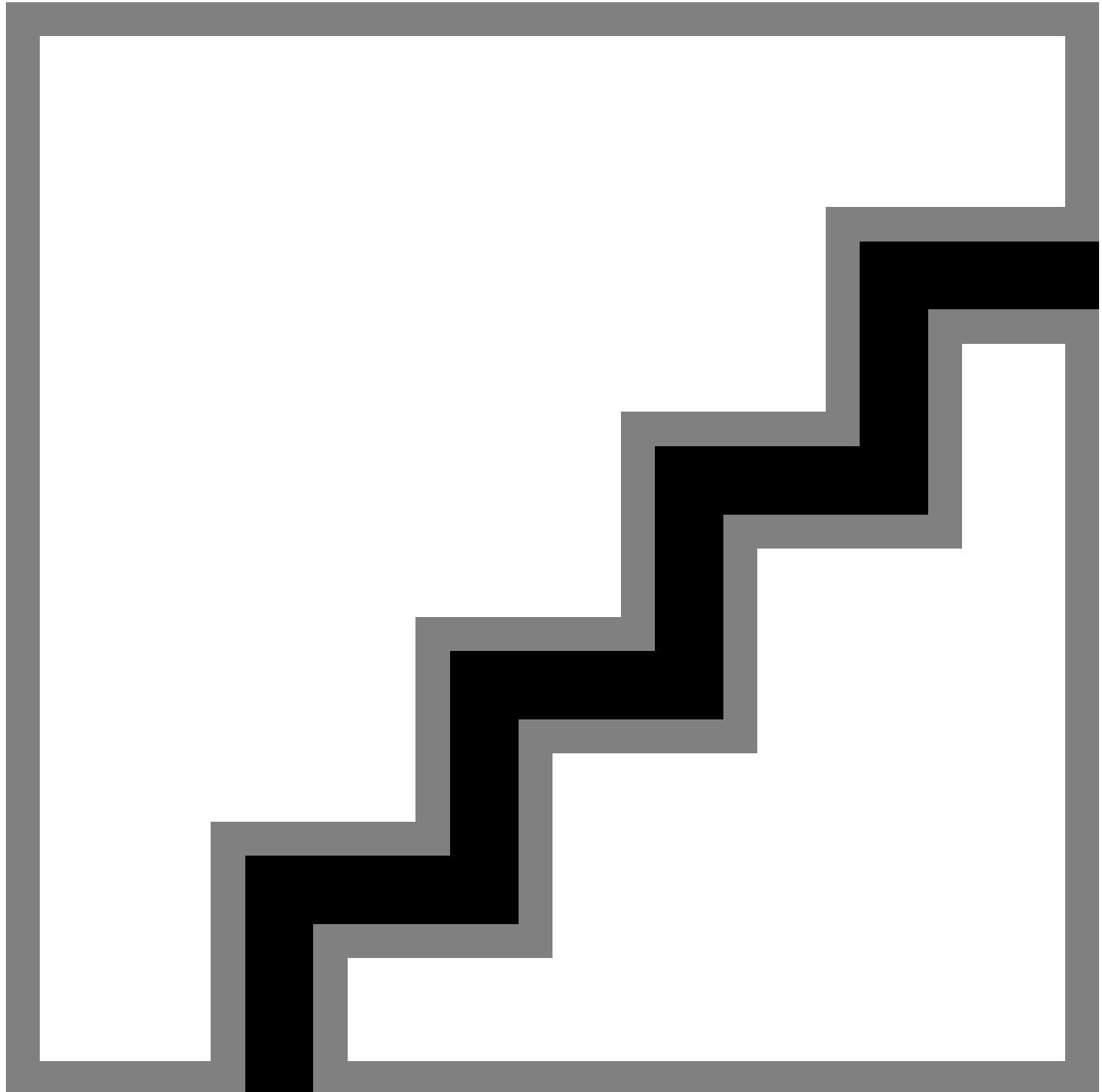
```
rsa_same= rsa_group.same(:,:,id);
rsa_diff = rsa_group.diff(:,:,id);
plt_rsa_obj2seq_sd(rsa_same,rsa_diff,subject,plot_window)
sgtitle(subject)
```



```
id=1:20;
disp(ids(id))
```

1 2 3 4 7 8 9 10 12 13 15 16 17 18 19 20 21

```
subject = 'subject 1-26';
figure
rsa_same= rsa_group.same(:, :, id);
rsa_diff = rsa_group.diff(:, :, id);
plt_rsa_obj2seq_sd(rsa_same, rsa_diff, subject, plot_window)
sgtitle(subject)
```

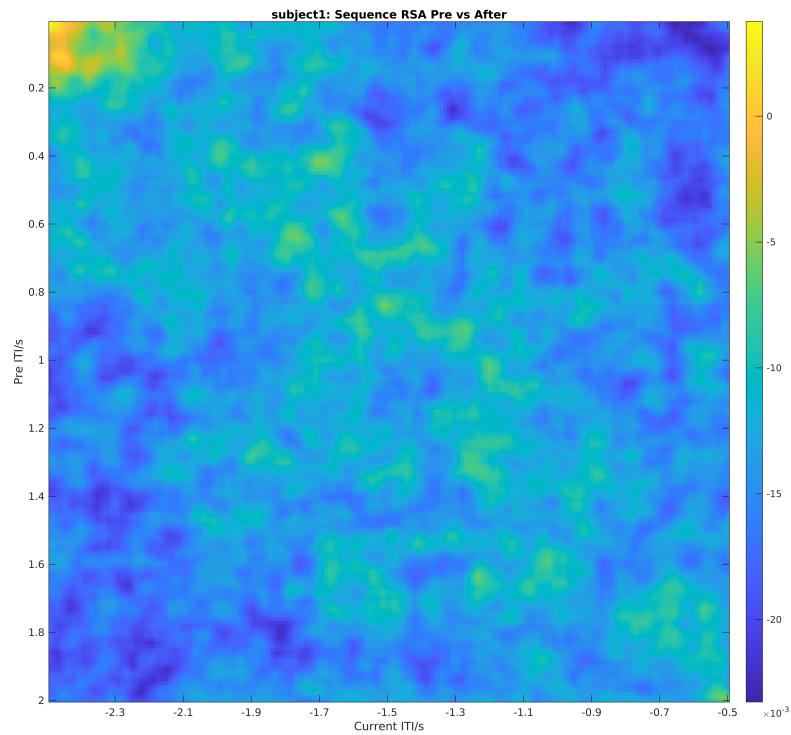


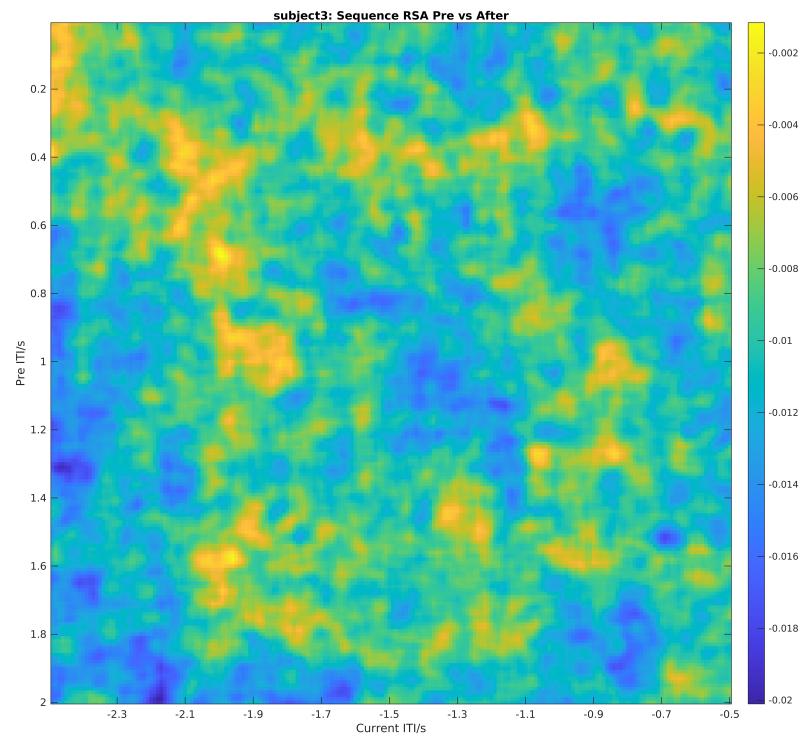
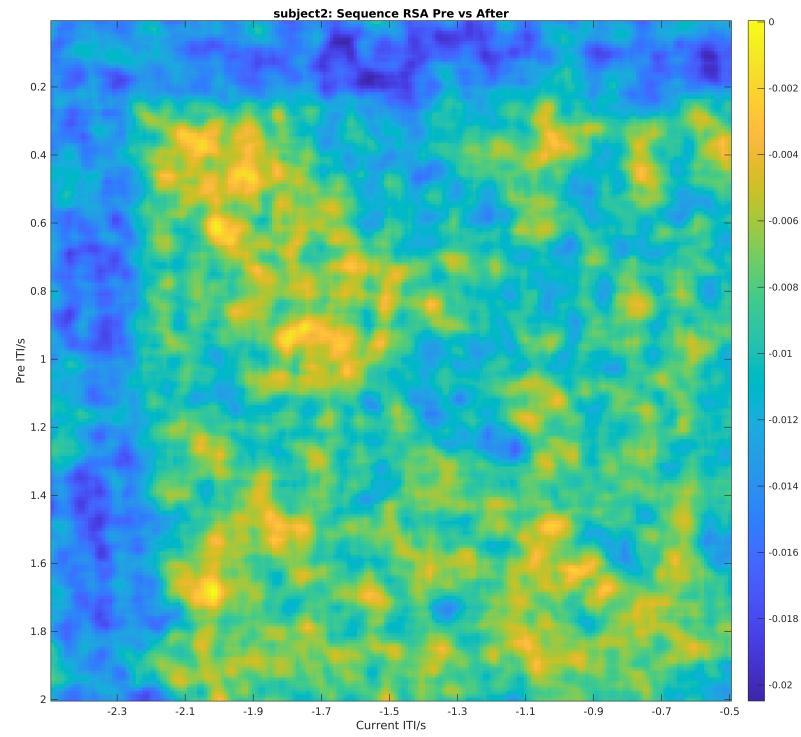
## seq pre after

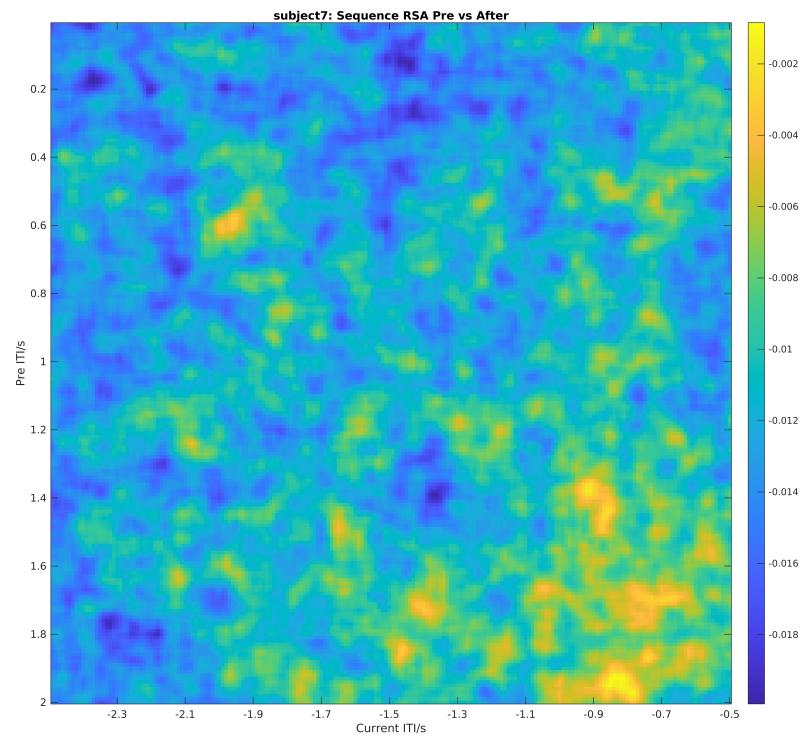
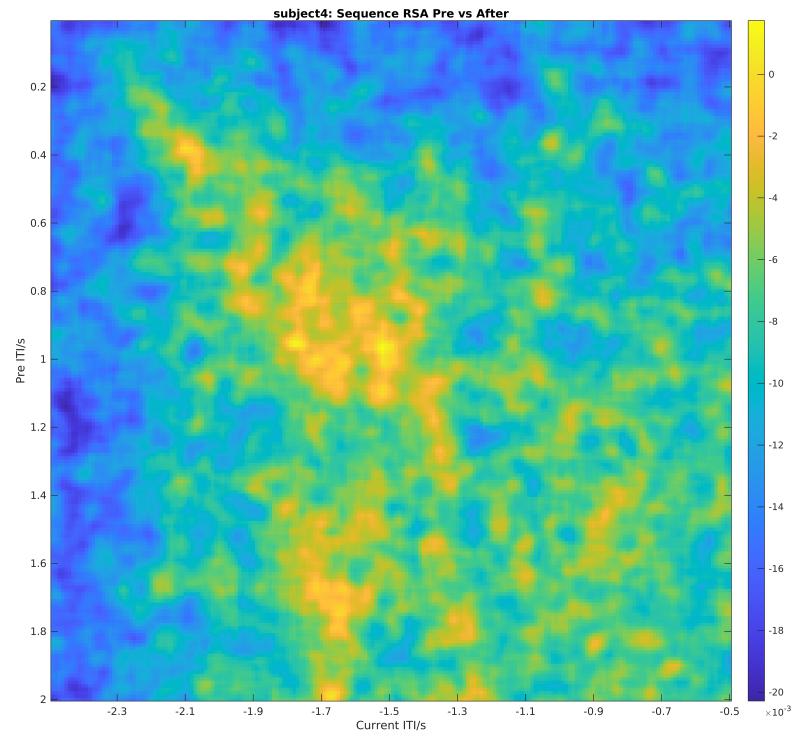
```
proj = 'seq pre after';
load([group_dir,'rsa_seq_pre_after_group.mat'], 'rsa_group')
ids = rsa_group.sub_id;
disp(ids)
```

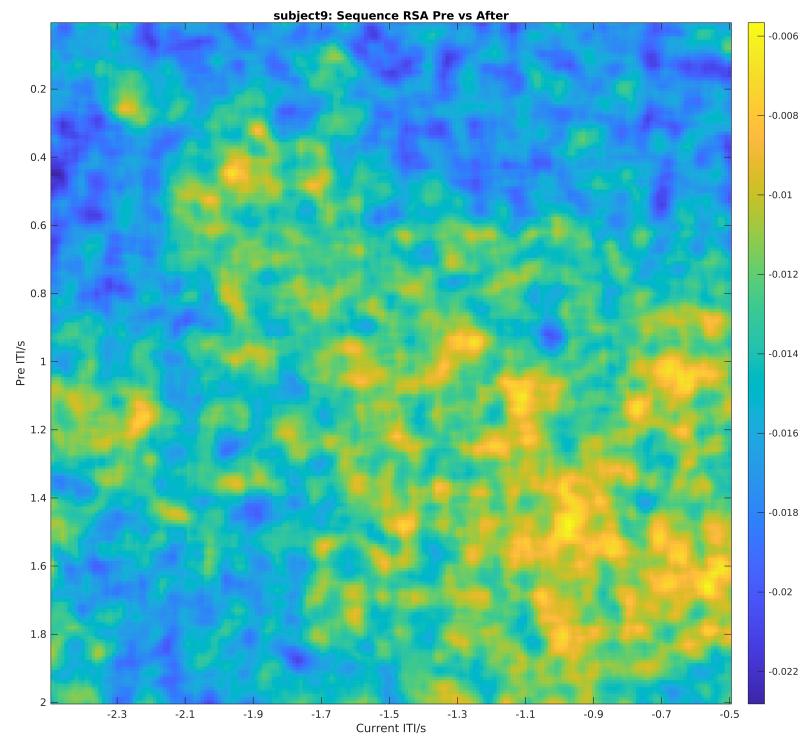
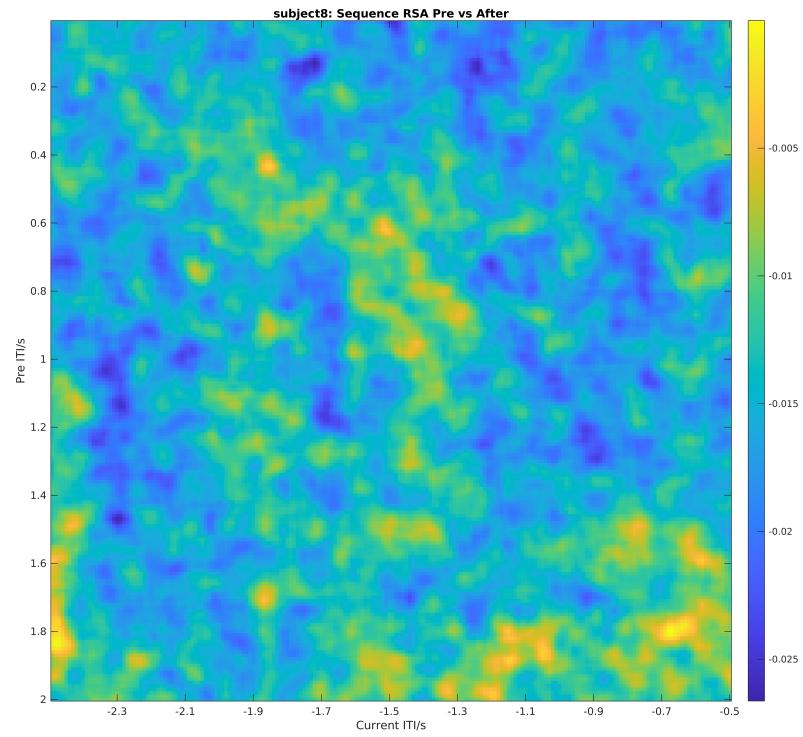
1      2      3      4      7      8      9      10     12     13     15     16     17     18     19     20     21

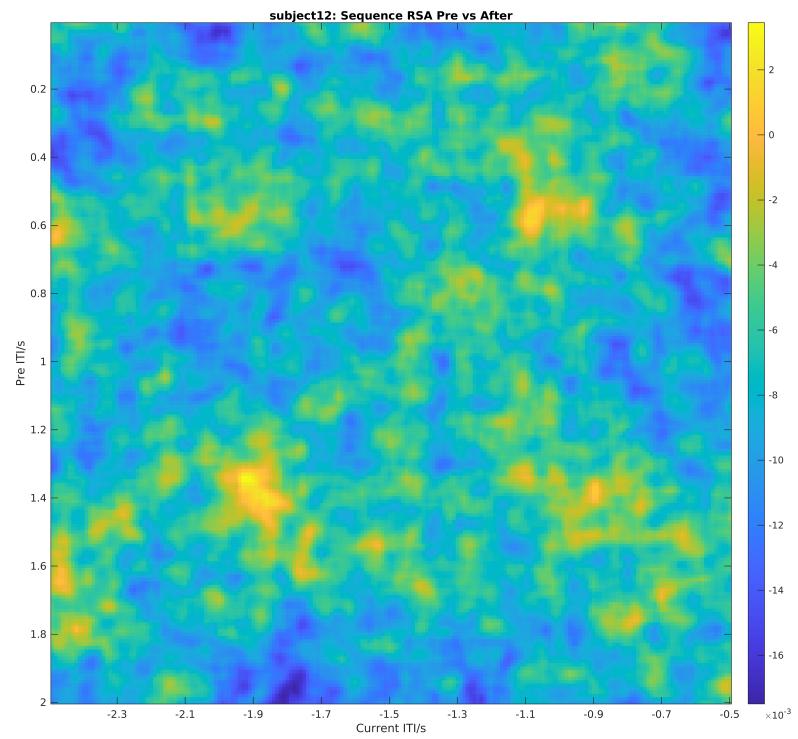
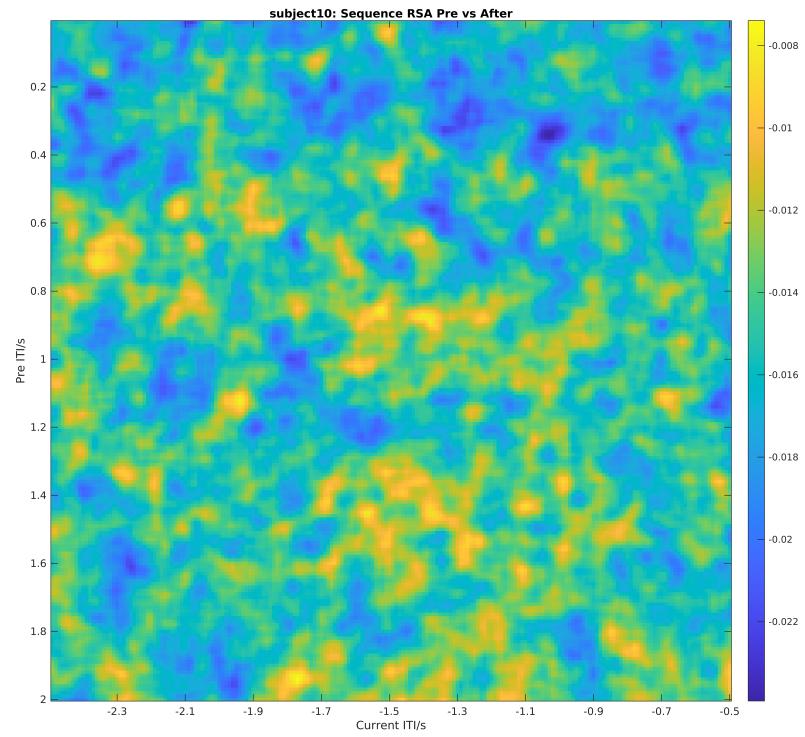
```
for i=1:length(ids)
figure
subject =[ 'subject' ,num2str(ids(i))];
rsa_same= rsa_group.same(:,:,i);
plt_rsa_seq_pre_after(rsa_same, subject, plot_window)
end
```

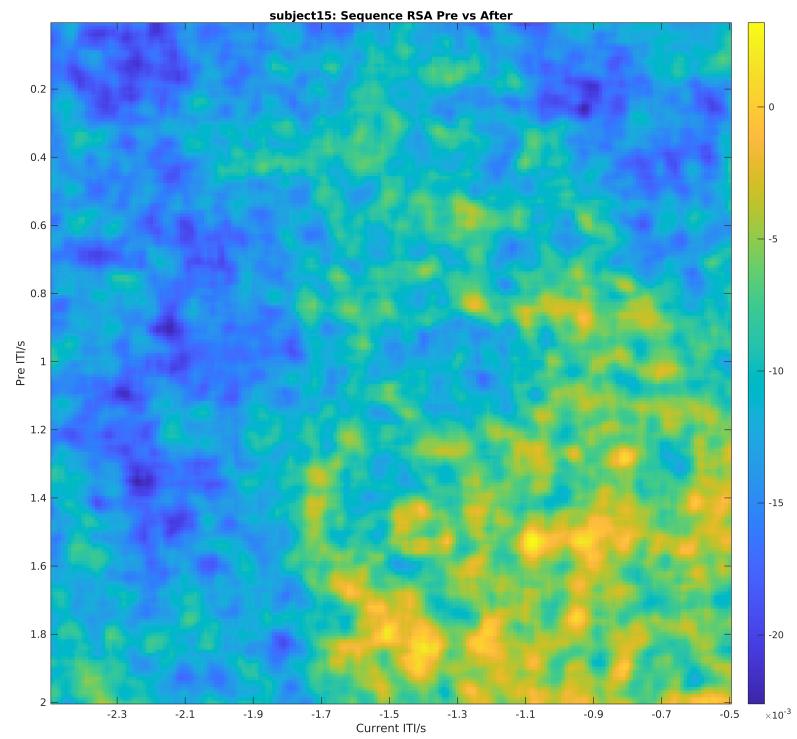
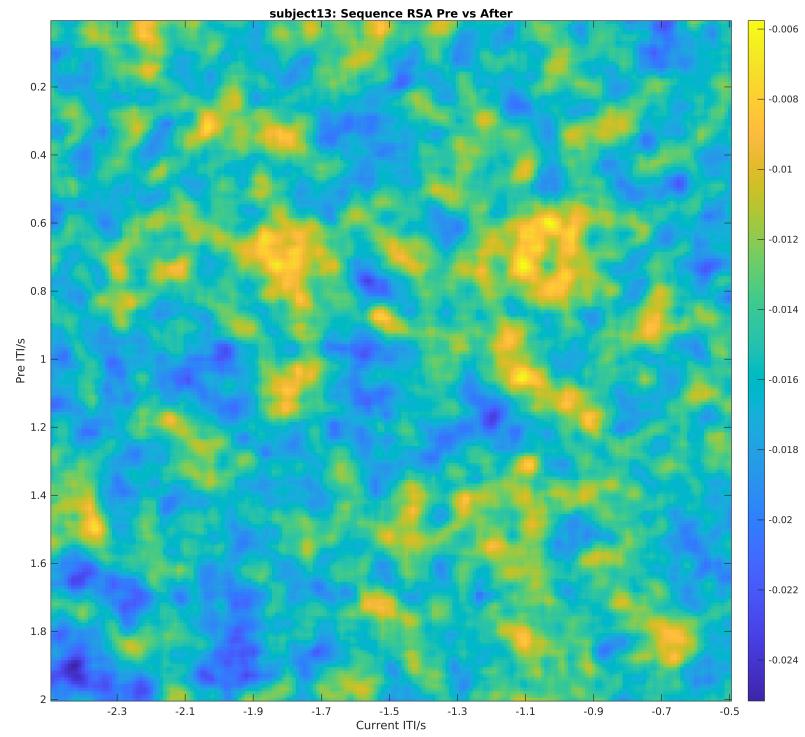


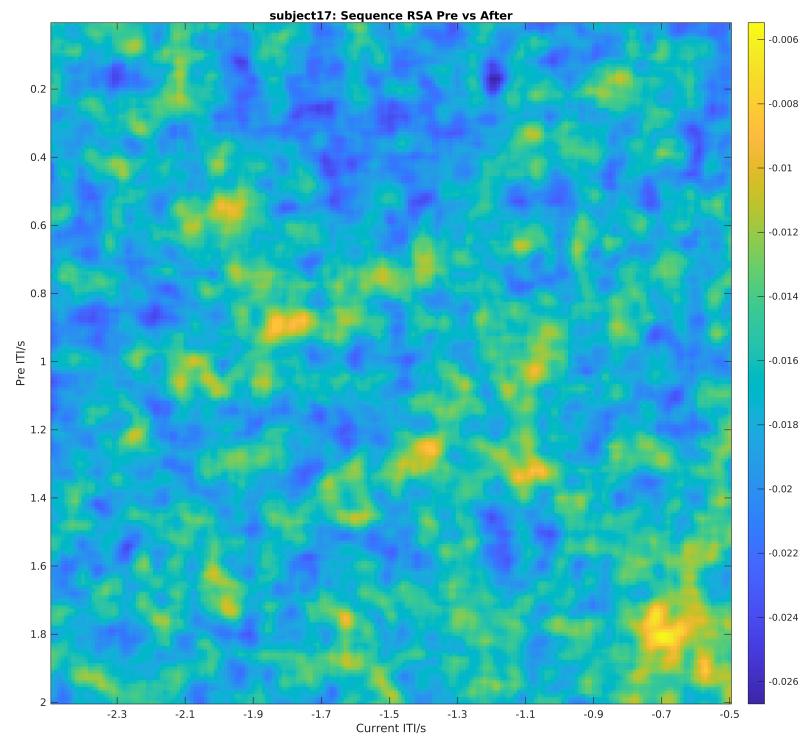
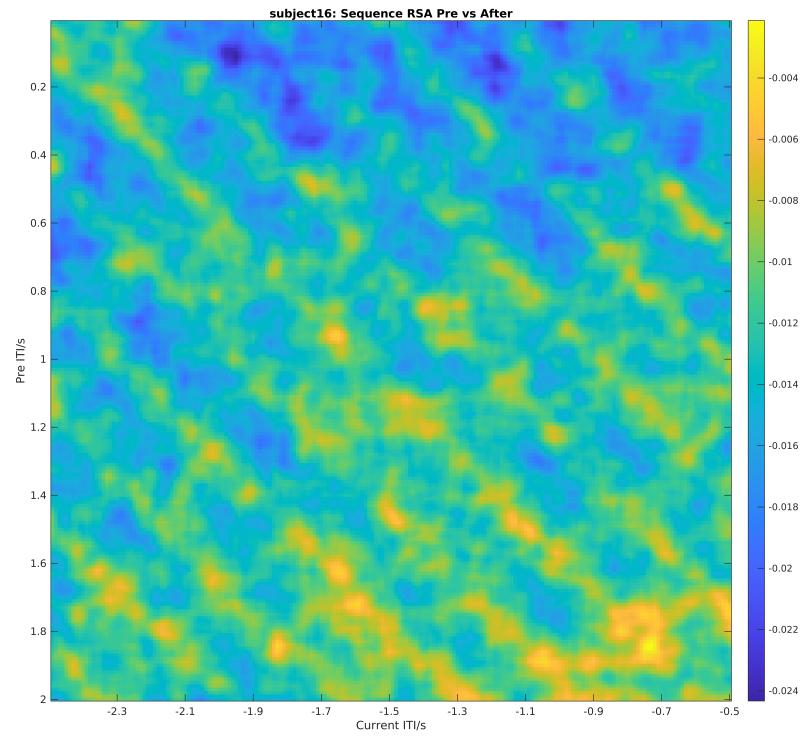


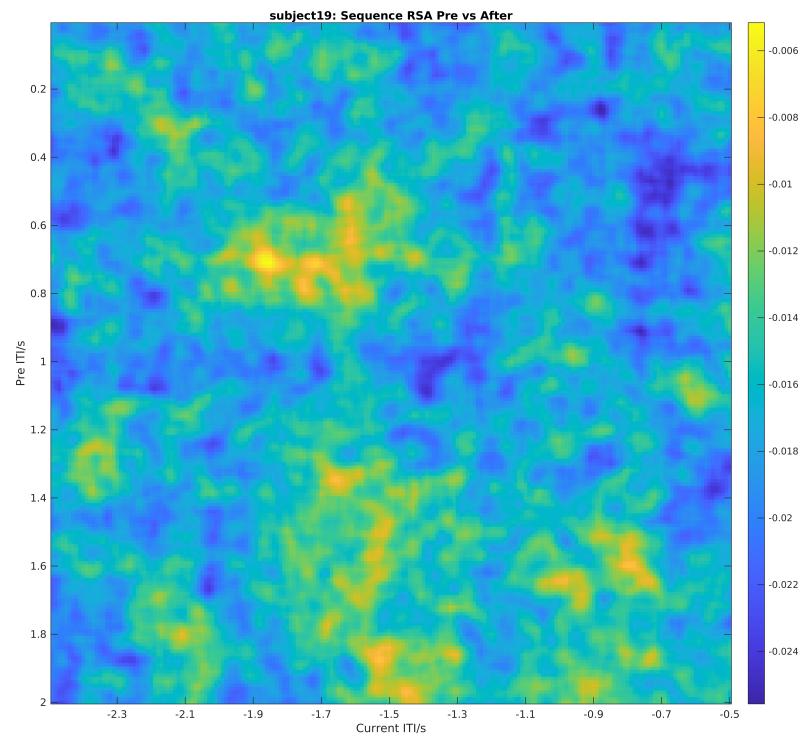
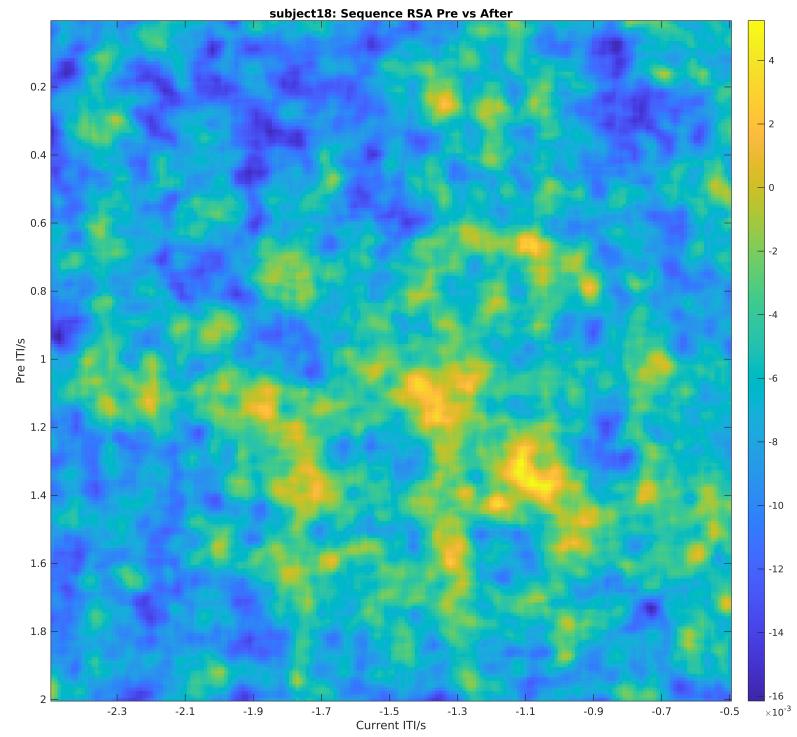


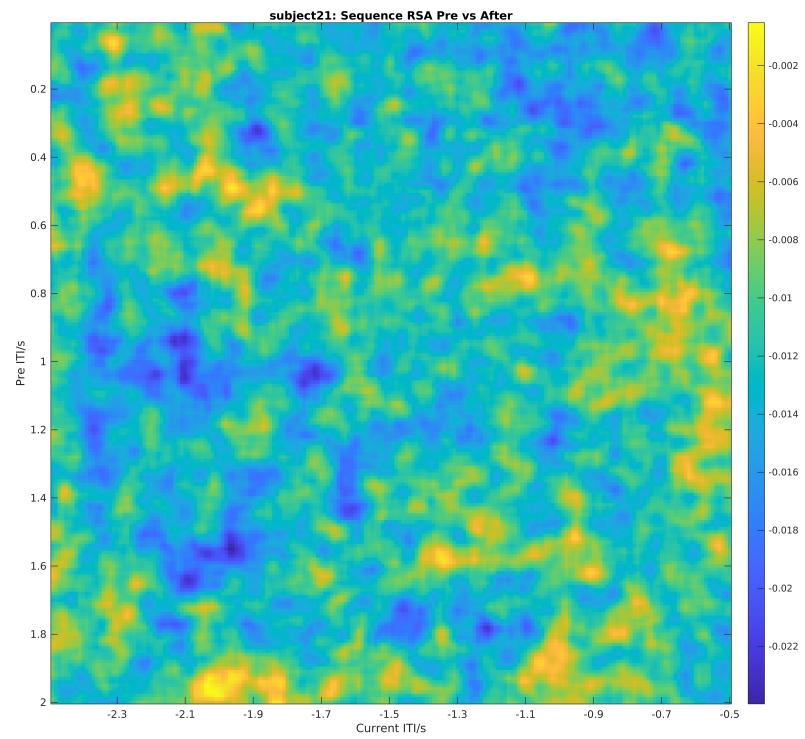
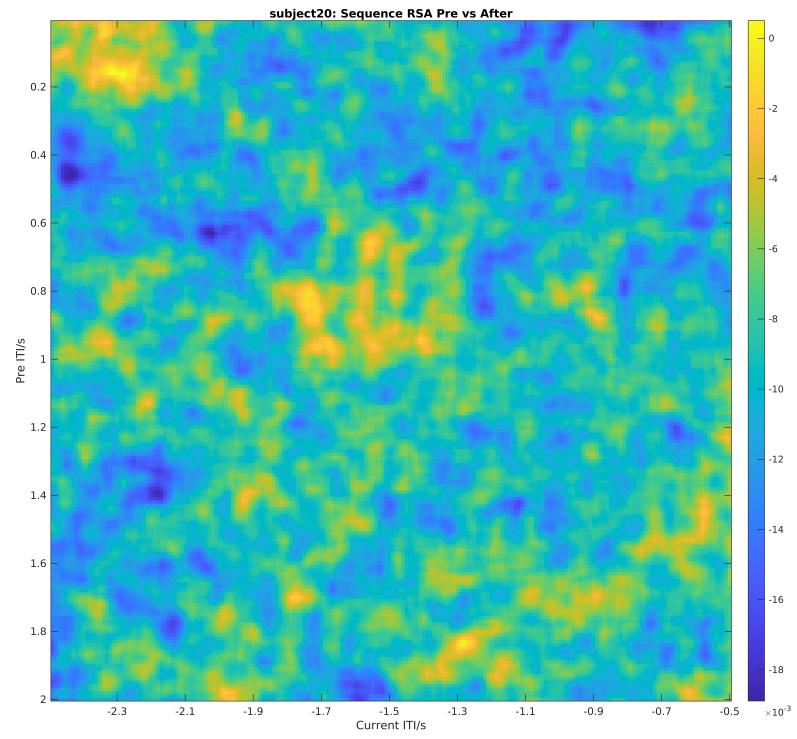


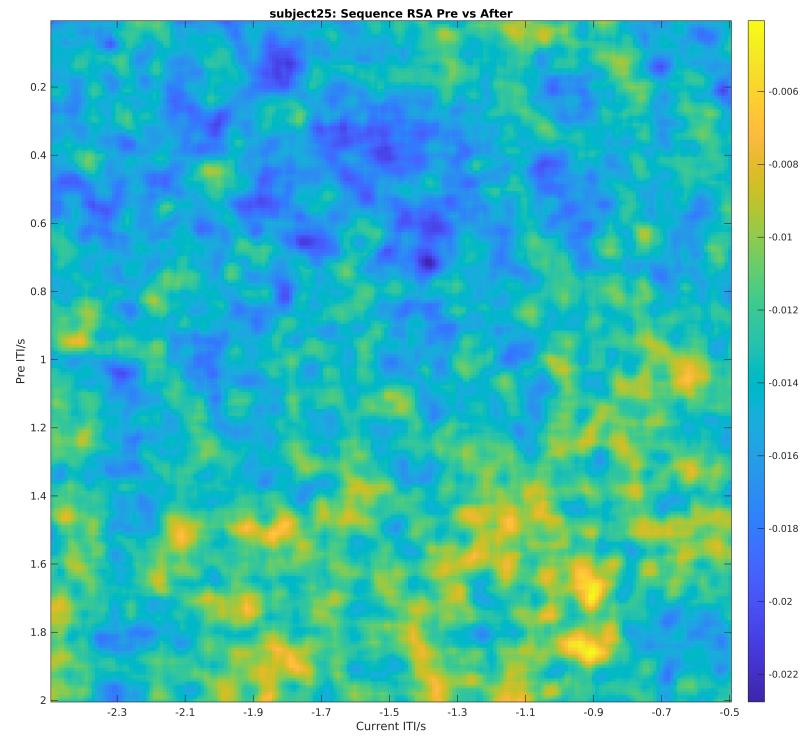
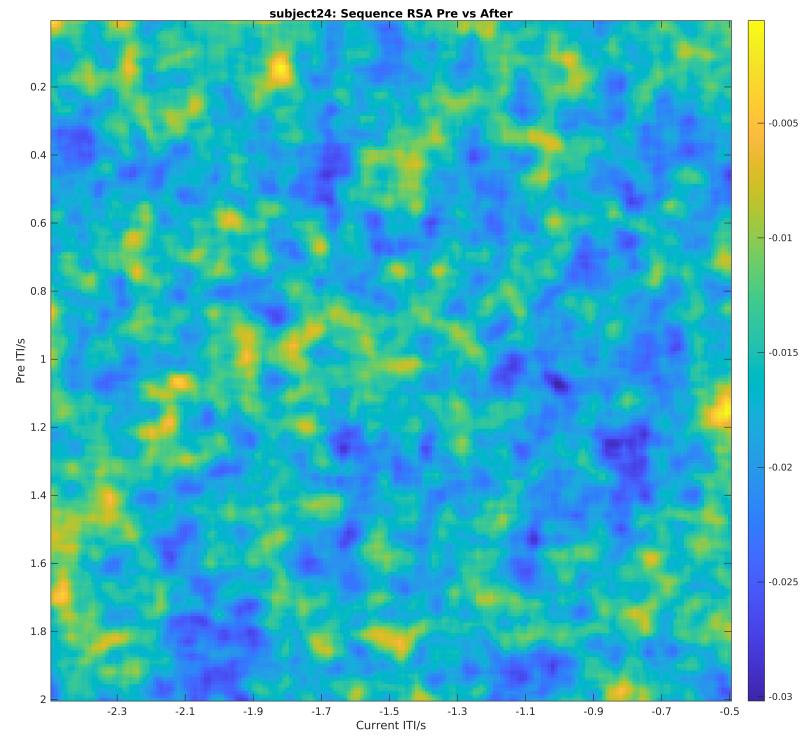


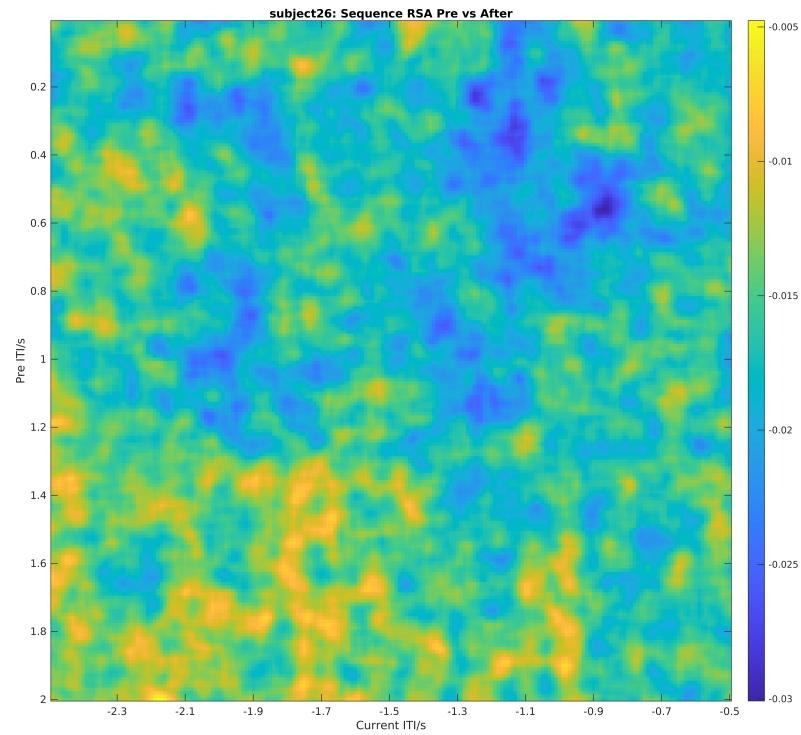








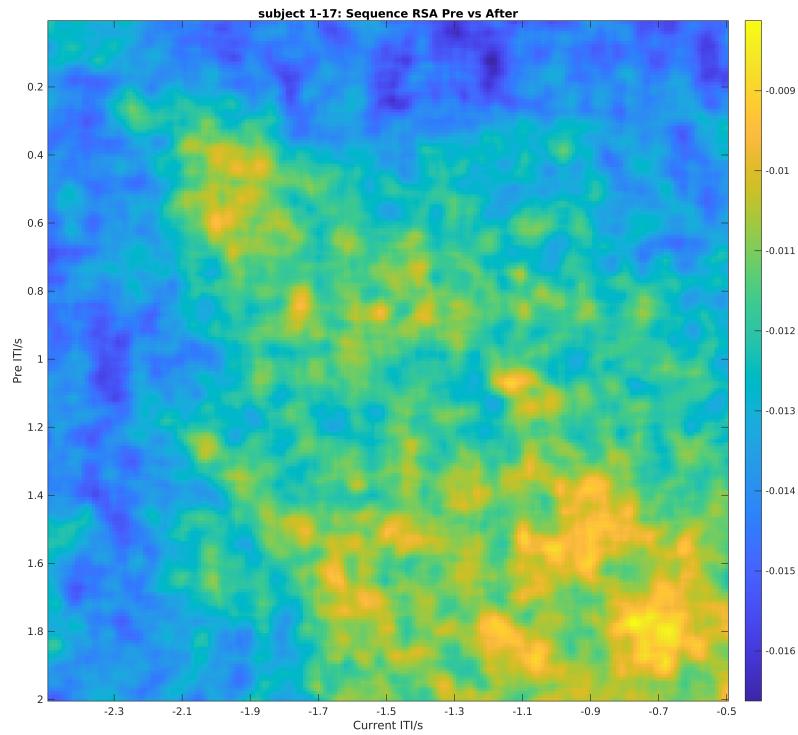




```
id=1:13;
disp(ids(id))
```

1	2	3	4	7	8	9	10	12	13	15	16	17
---	---	---	---	---	---	---	----	----	----	----	----	----

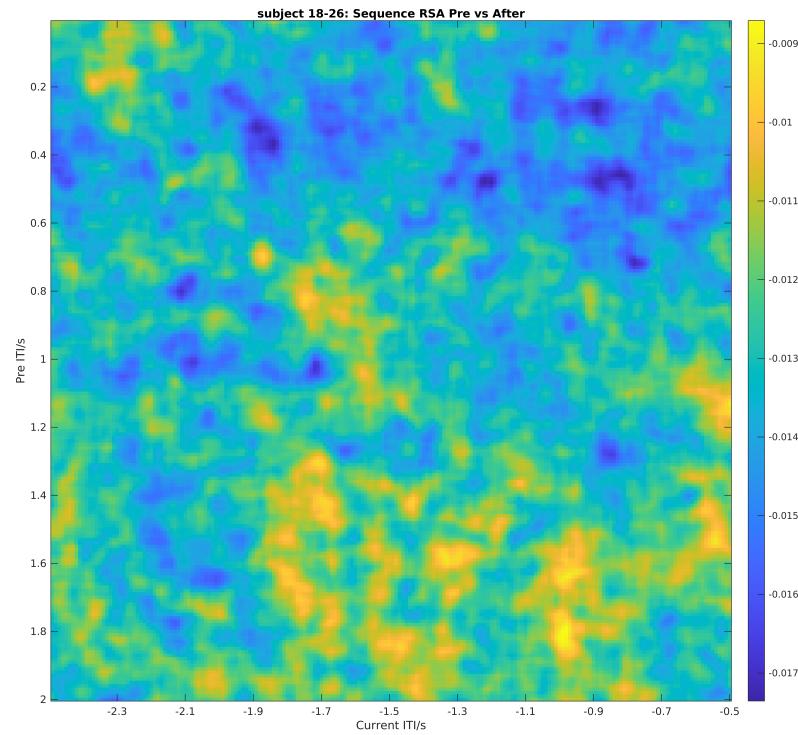
```
subject = 'subject 1-17';
figure
rsa_same= rsa_group.same(:,:,id);
plt_rsa_seq_pre_after(rsa_same, subject, plot_window)
```



```
id=14:20;
disp(ids(id))
```

```
18    19    20    21    24    25    26
```

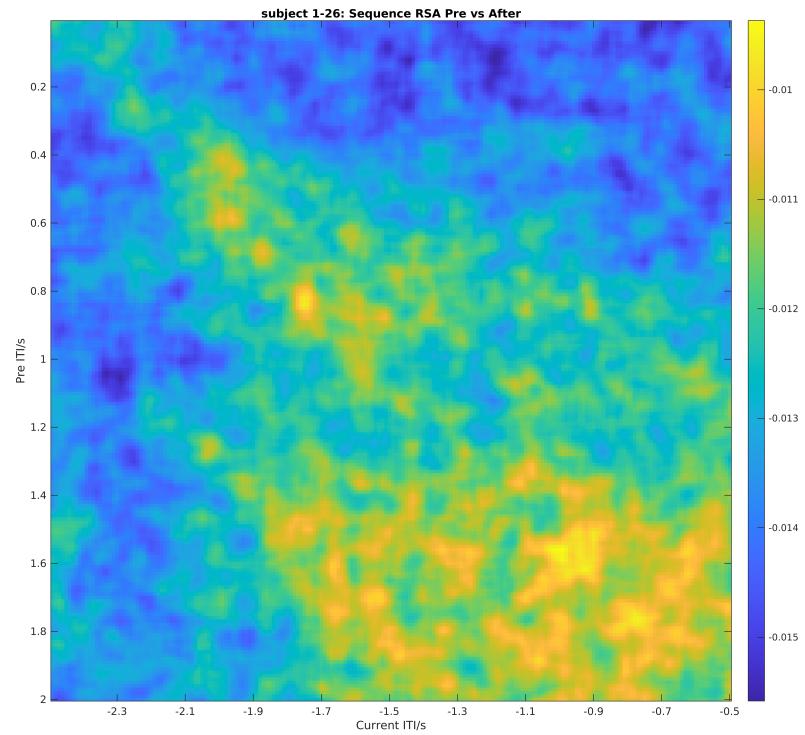
```
subject = 'subject 18-26';
figure
rsa_same= rsa_group.same(:, :, id);
plt_rsa_seq_pre_after(rsa_same, subject, plot_window)
```



```
id=1:20;
disp(ids(id))
```

```
1      2      3      4      7      8      9      10     12     13     15     16     17     18     19     20     21
```

```
subject = 'subject 1-26';
figure
rsa_same= rsa_group.same(:, :, id);
plt_rsa_seq_pre_after(rsa_same, subject, plot_window)
```



seq pre after