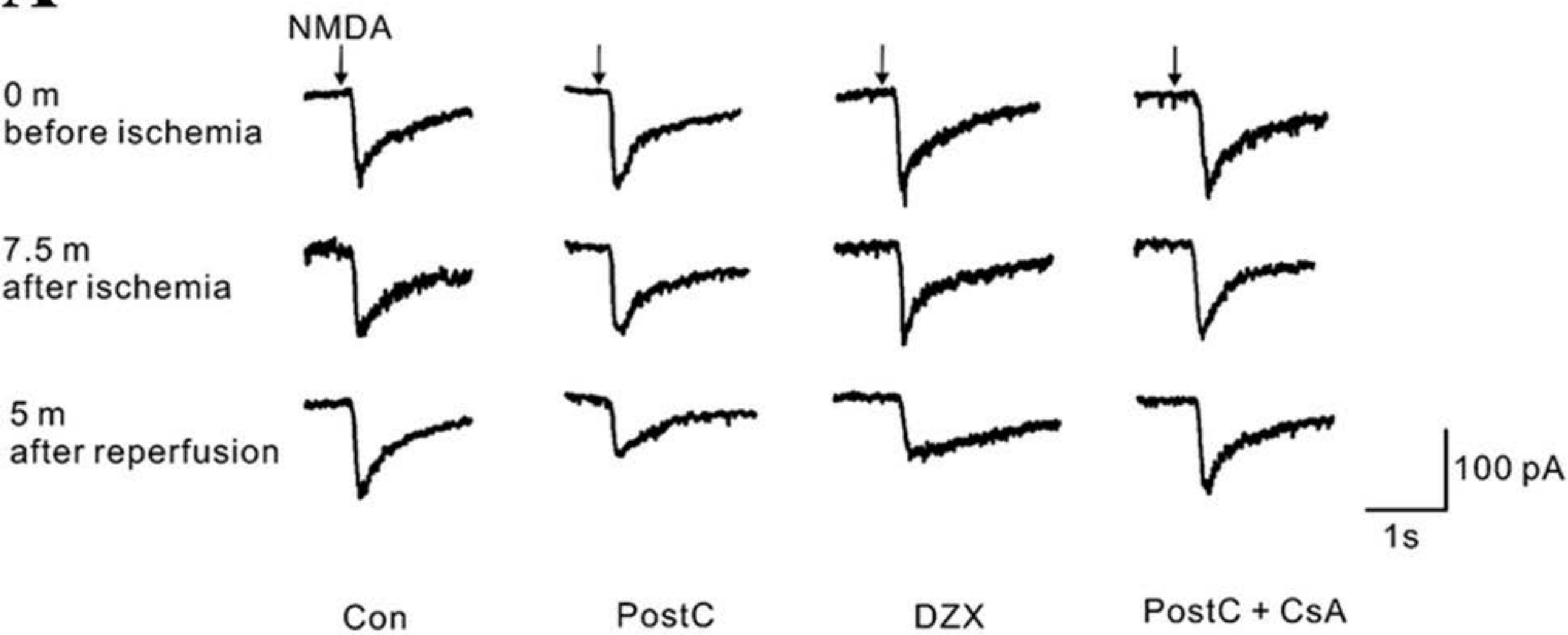
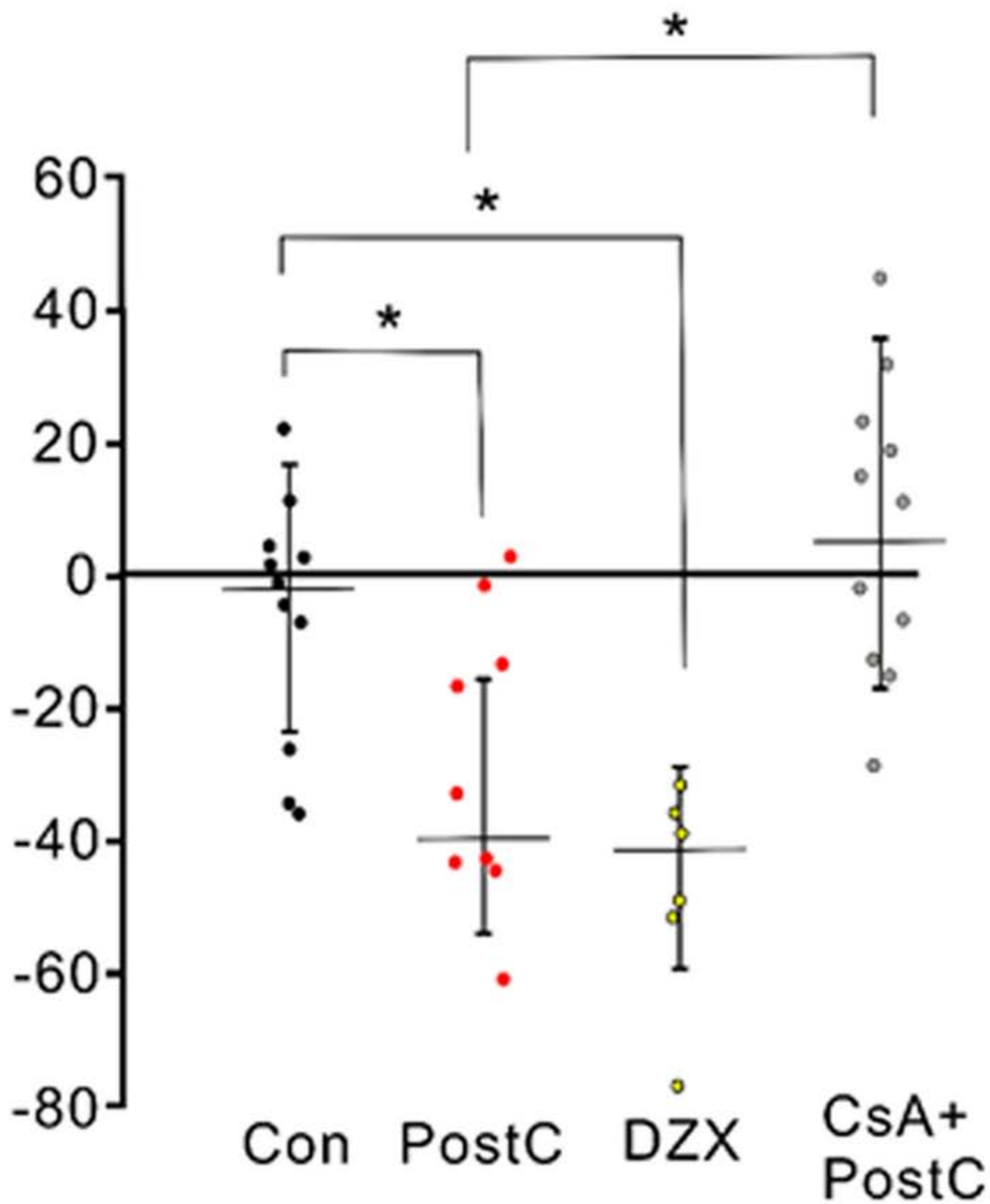


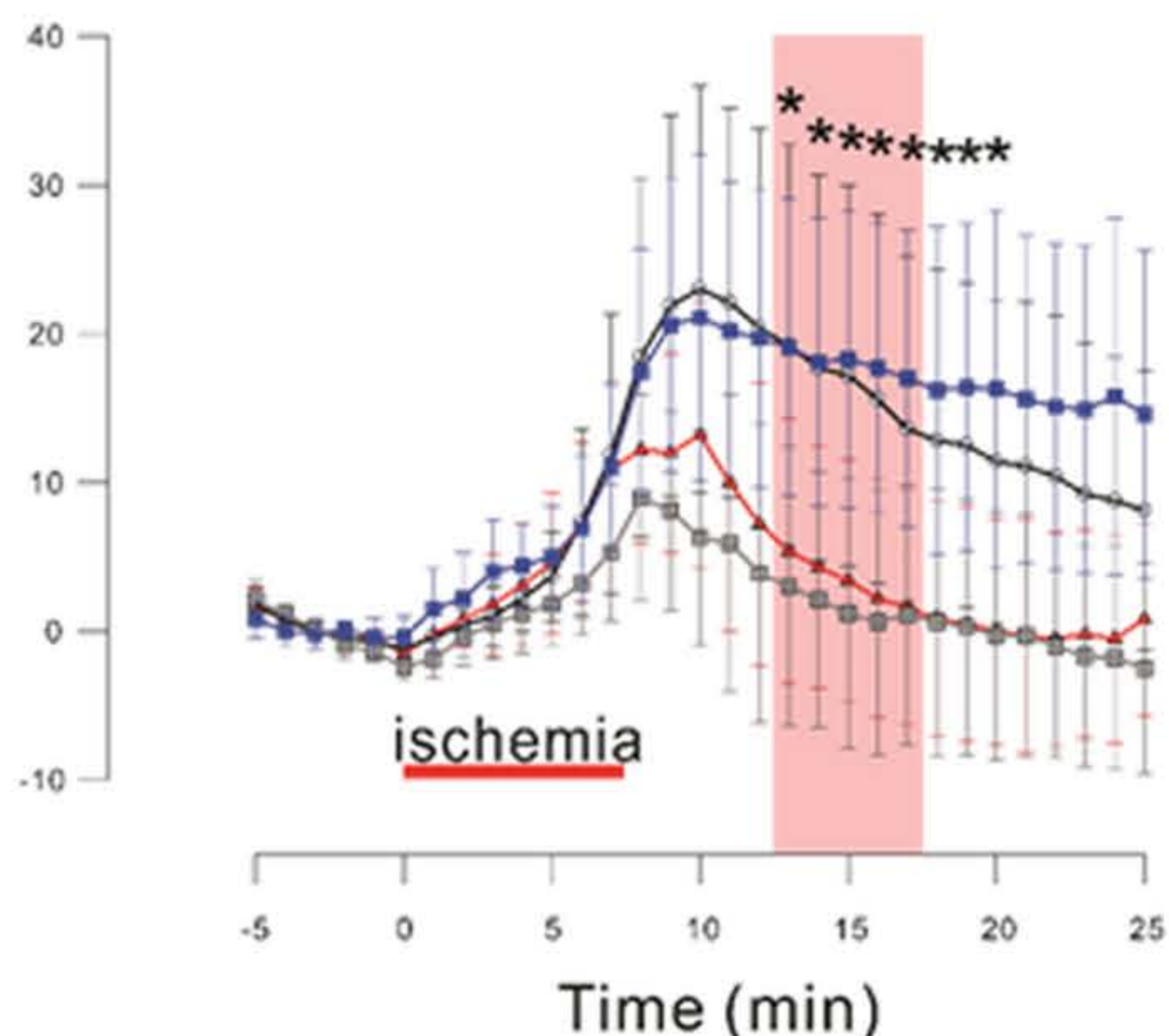
A**B**

NMDA induced current (% change)

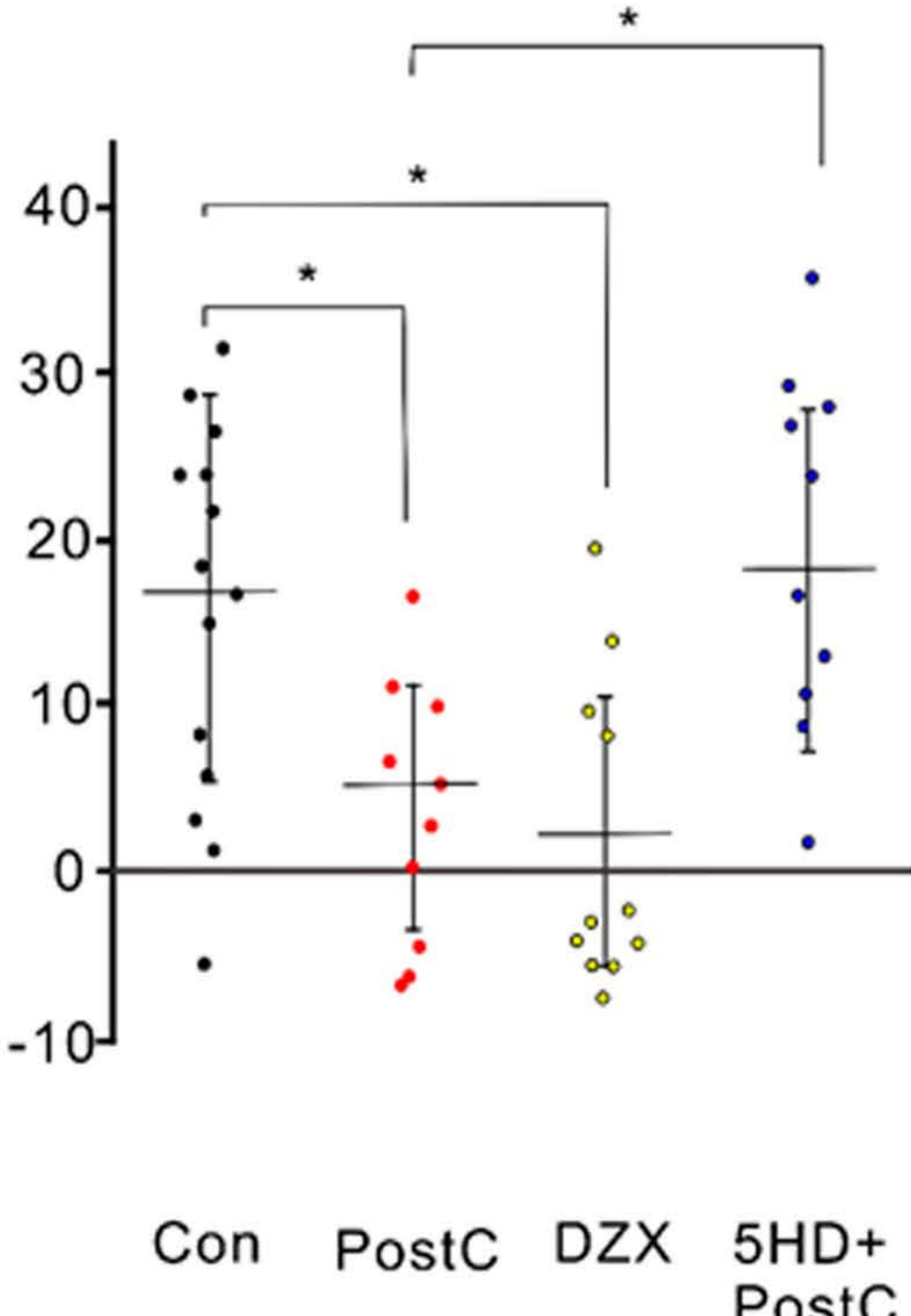


A

% change in 340/380 ratio

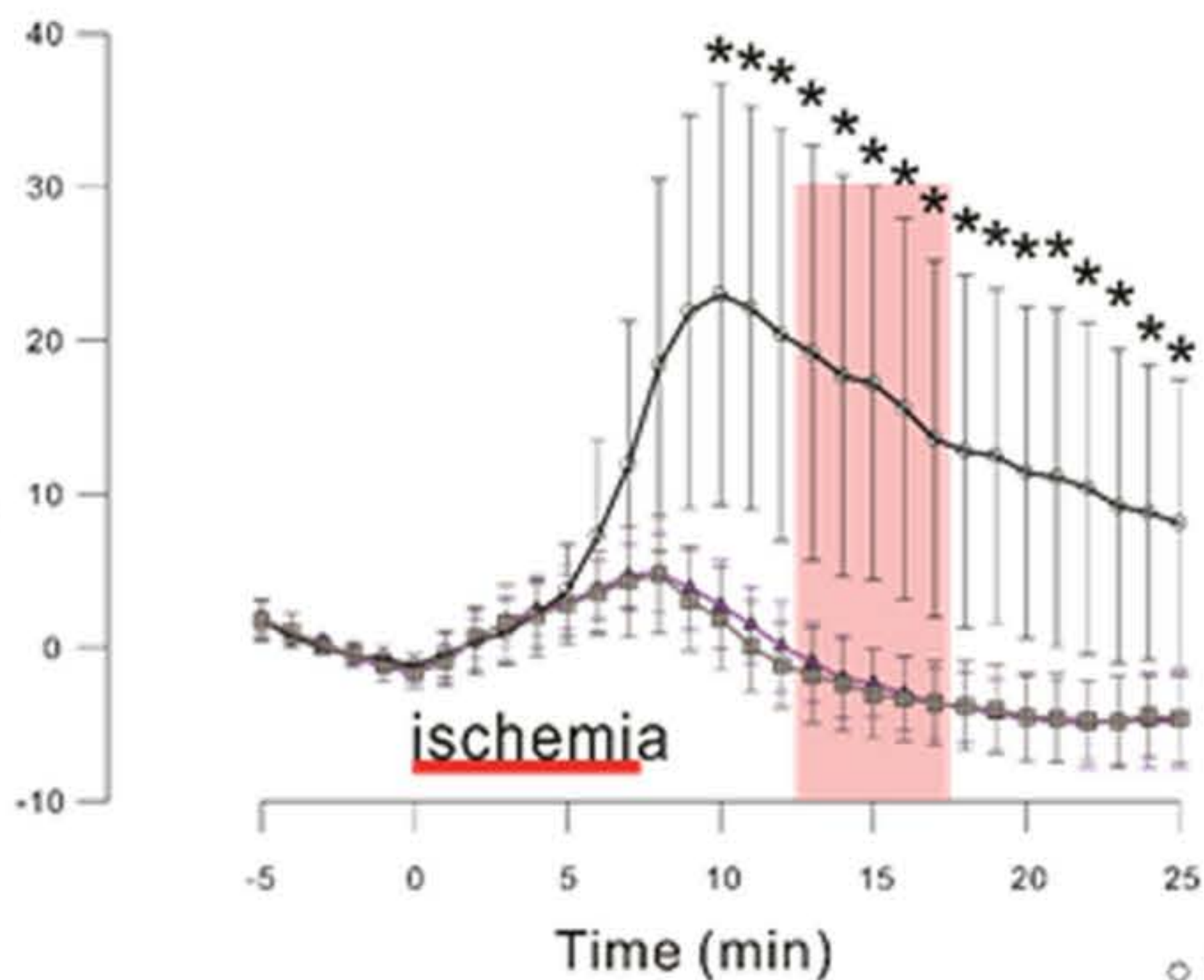
**B**

% change in 340/380 ratio

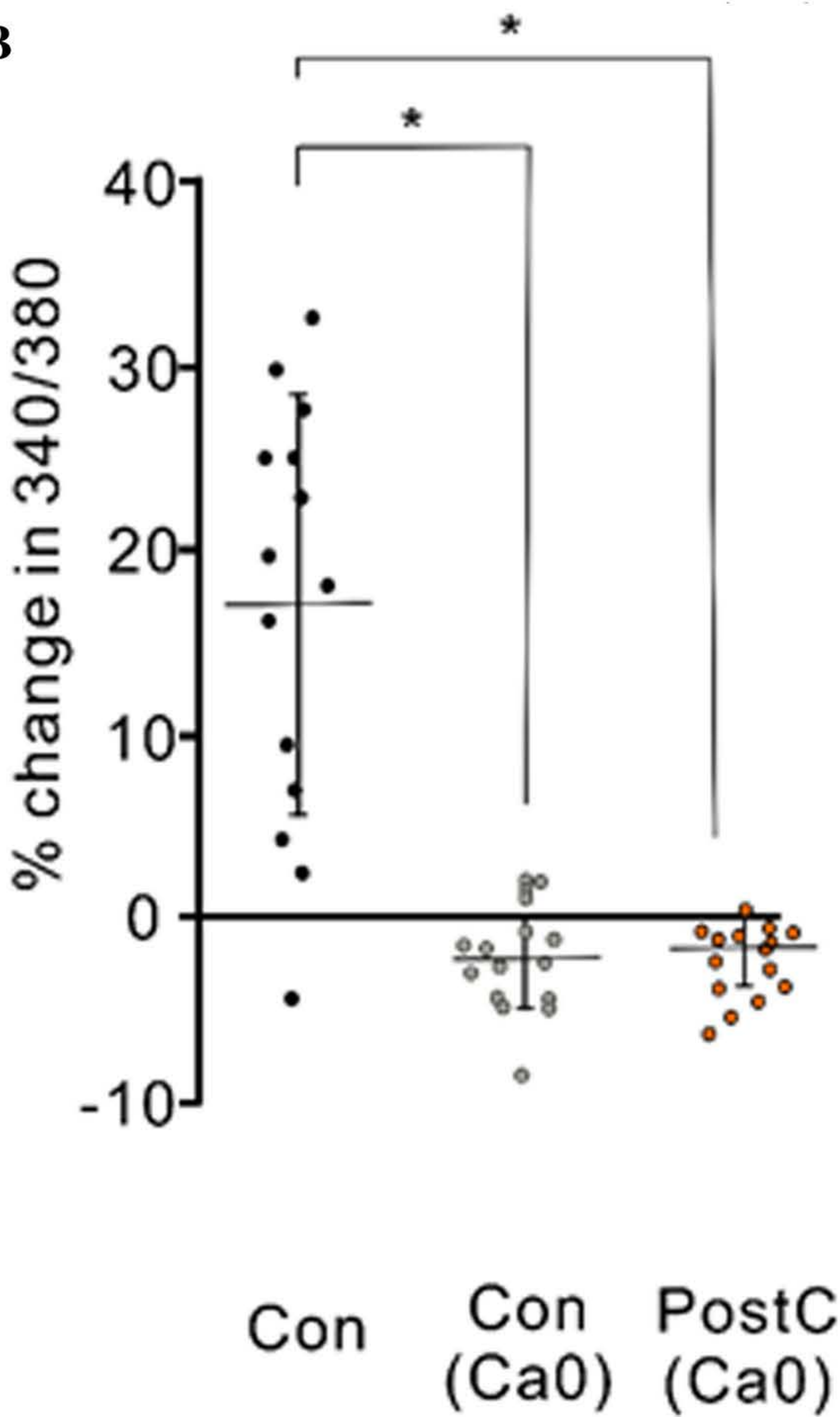


A

% change in 340/380



○ Con
 ▲ PostC (Ca 0)
 ■ Con (Ca 0)

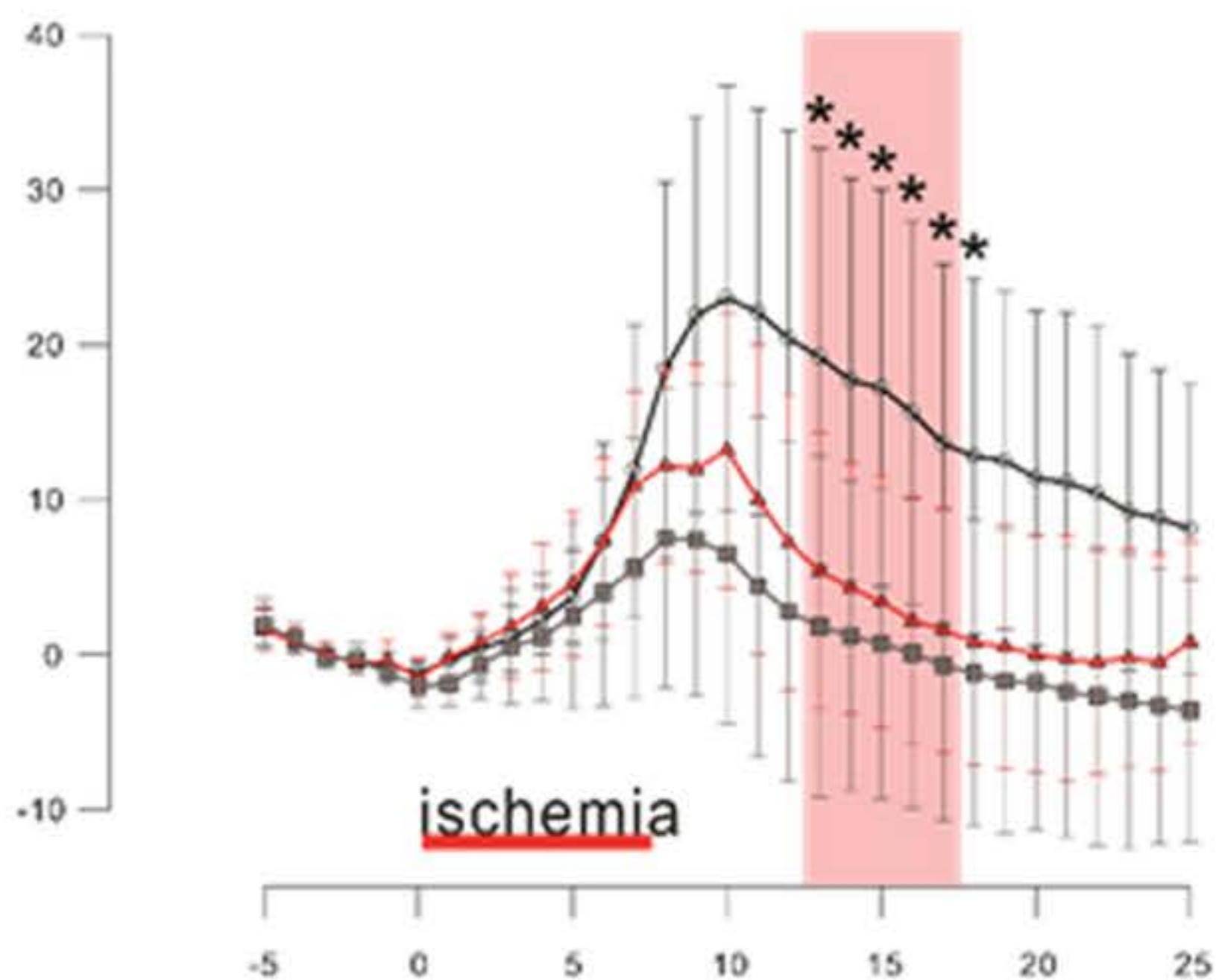
B

Con

Con
(Ca0)PostC
(Ca0)

A

% change in 340/380



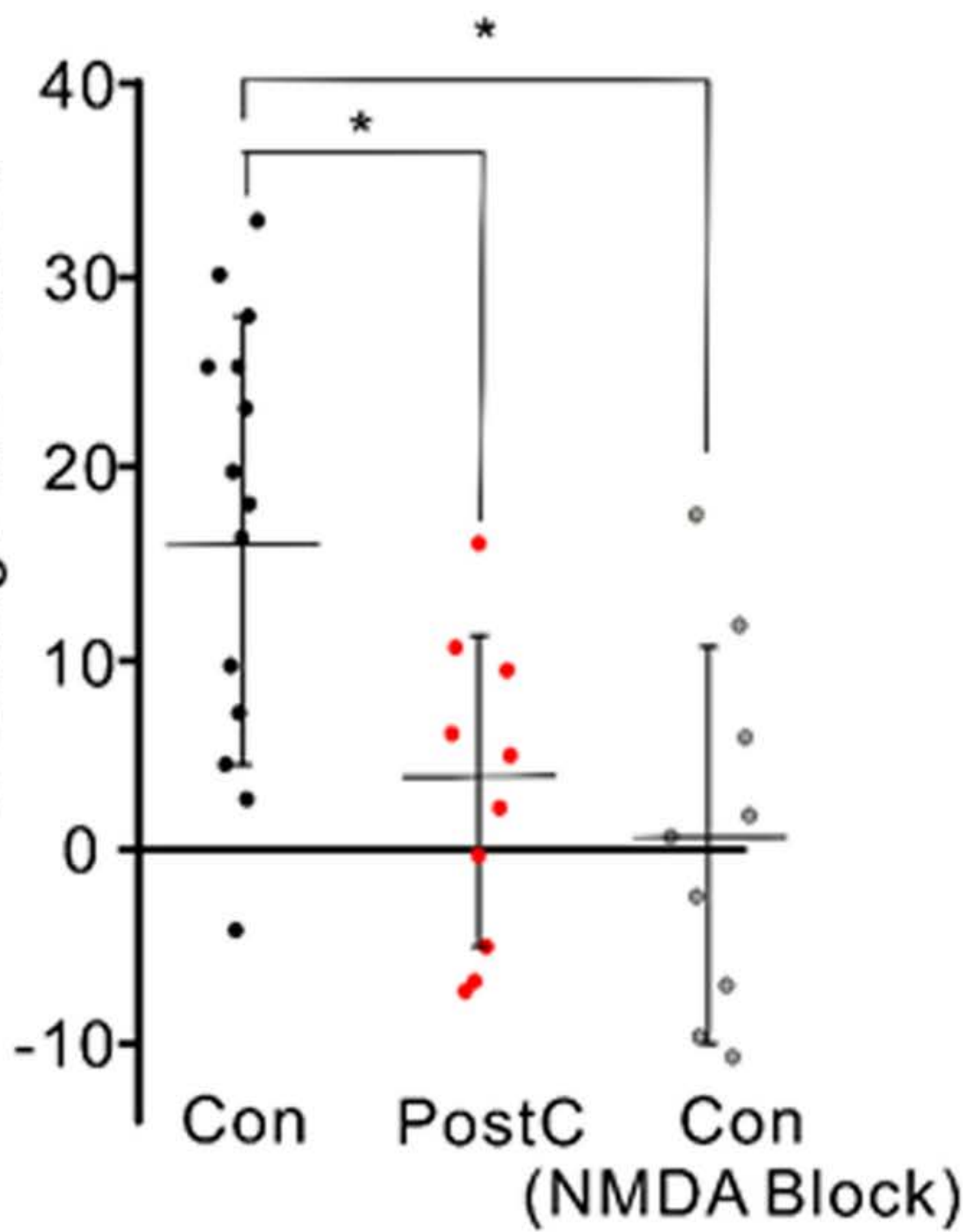
○ Con

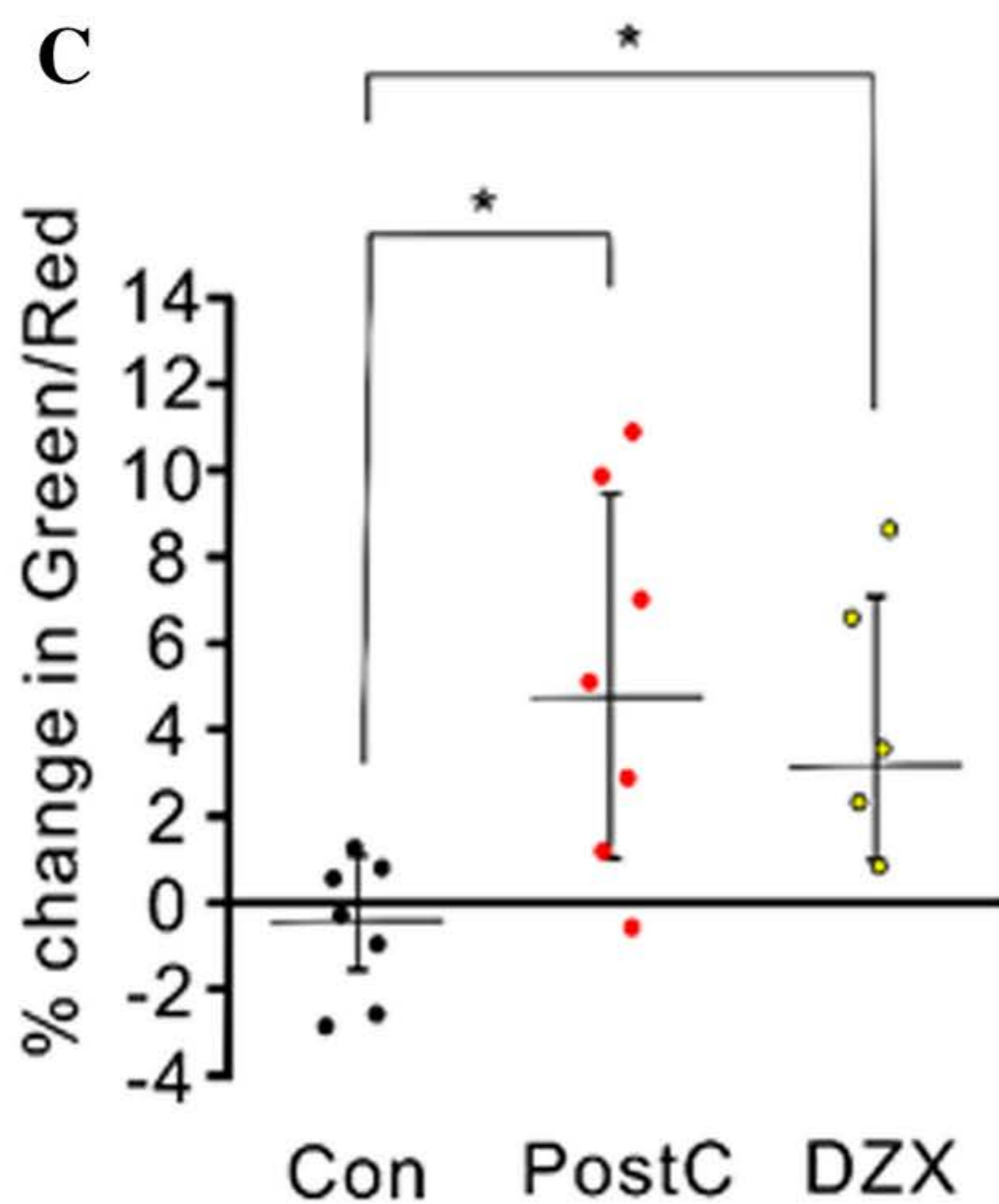
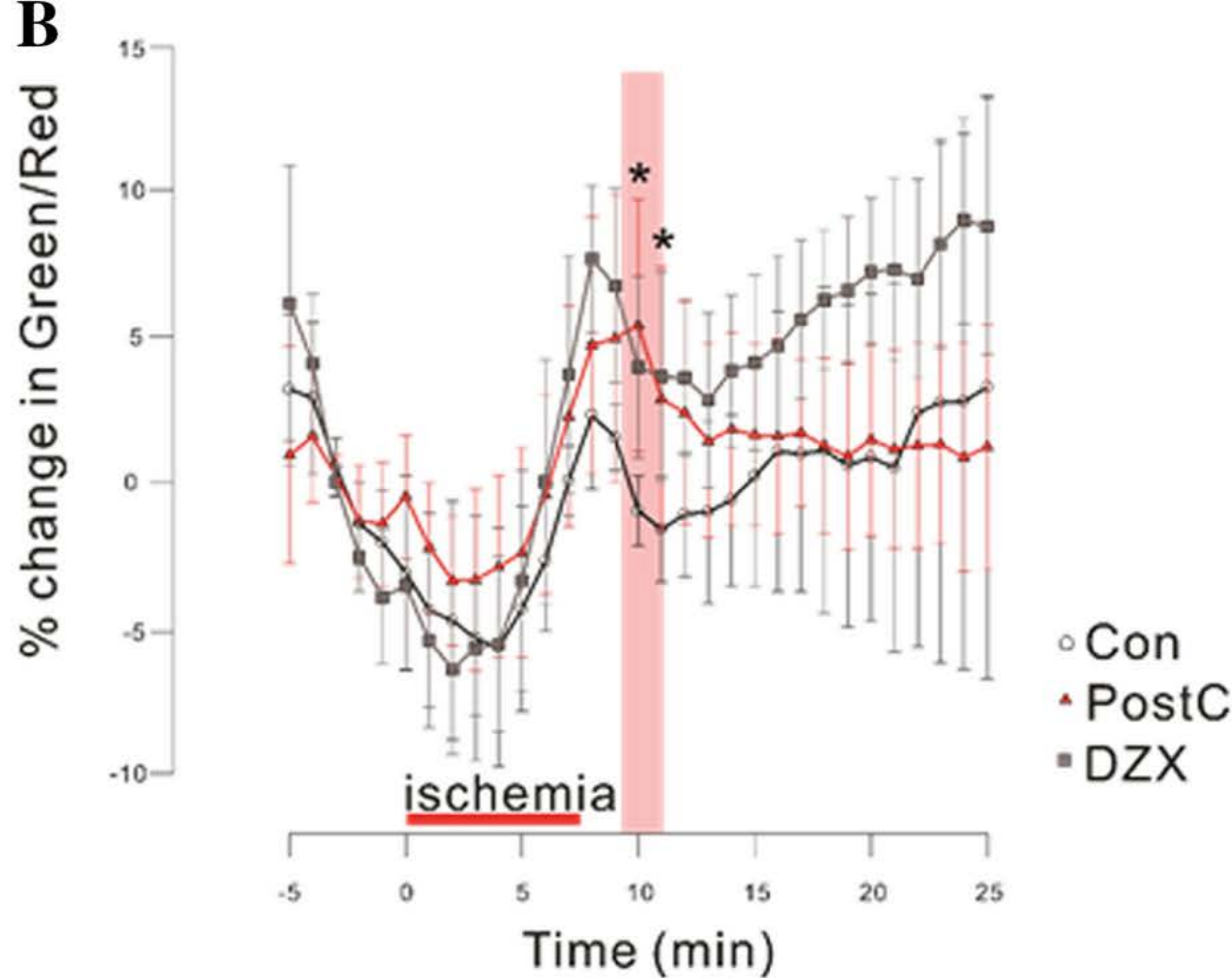
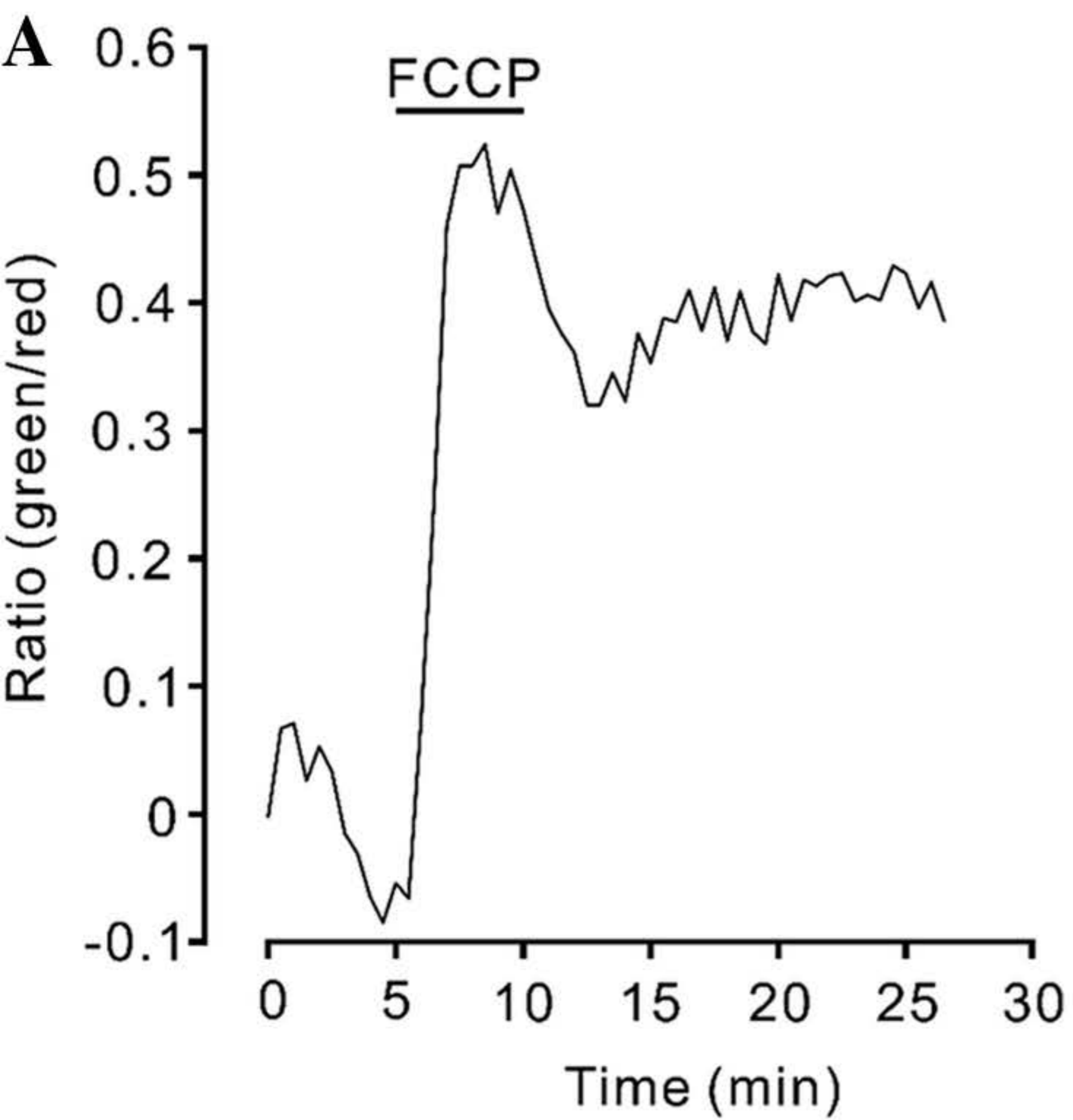
▲ PostC

■ Con(NMDA block)

B

% change in 340/380





Ischemic PostC

mito- K_{ATP} channel open

$\Delta\phi \downarrow$

mPTP

low conductance mode

opening

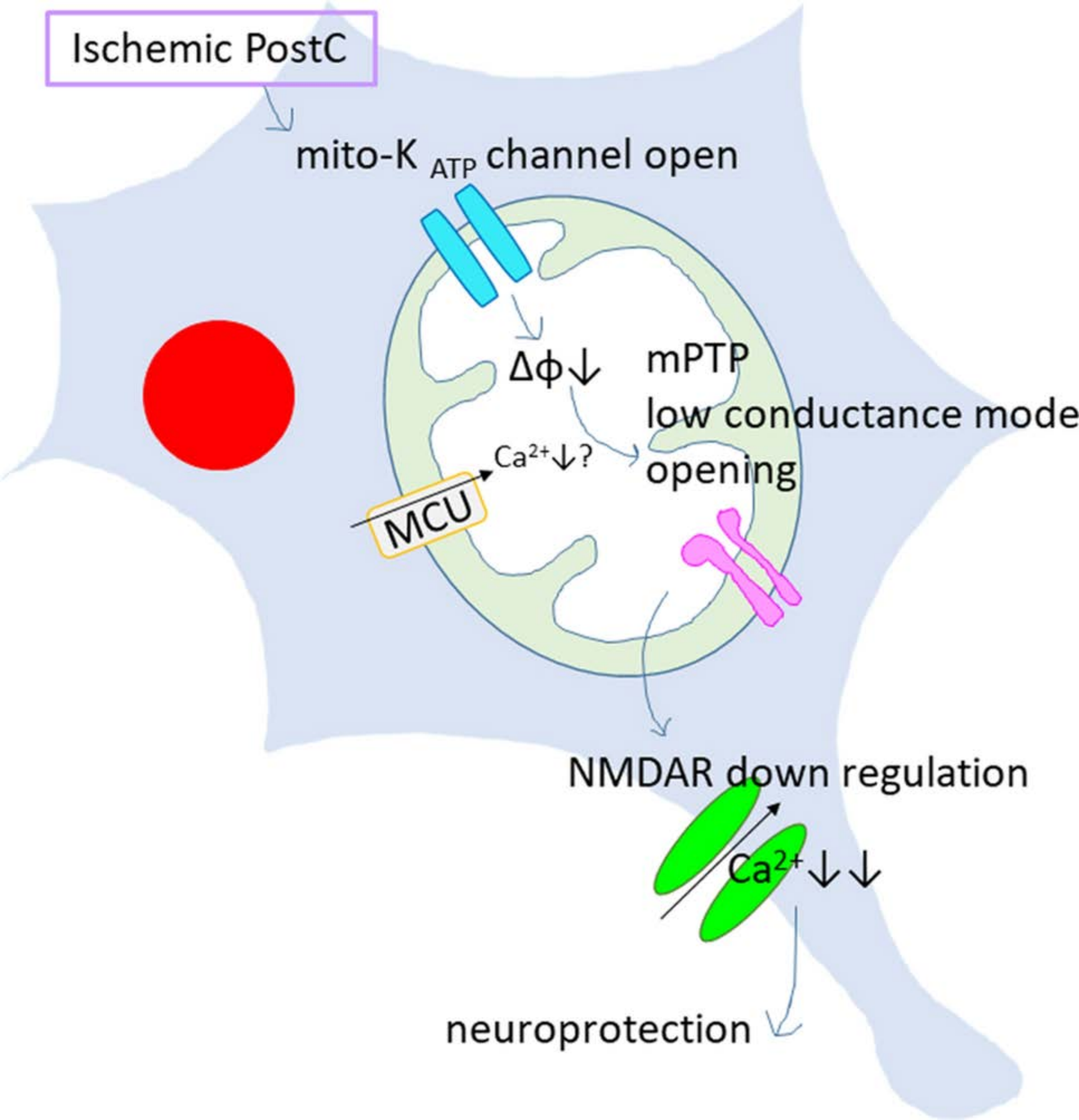
$Ca^{2+} \downarrow ?$

MCU

NMDAR down regulation

$Ca^{2+} \downarrow \downarrow$

neuroprotection



4.5m

7 m

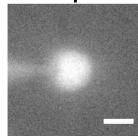
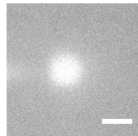
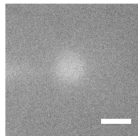
7.5 m

before ischemia

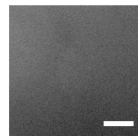
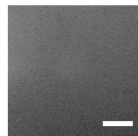
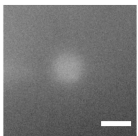
after ischemia

after reperfusion

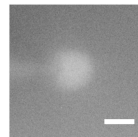
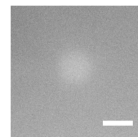
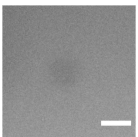
340nm



380nm

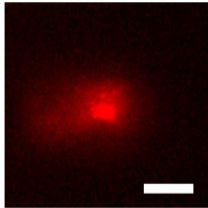
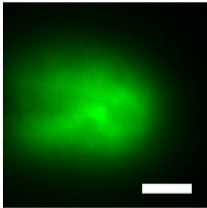
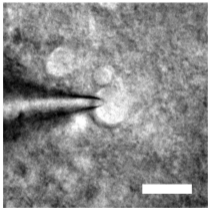


ratio
(340/380)



JC1(Green)

JC1(Red)



Supplementary Table

Homogeneity test (Levene)

variance	Statics	Df 1	Df 2	<i>p</i>
Figure 2	20.542	3	200	<0.001
Figure 3	12.659	2	84	<0.001
Figure 4	148.011	3	1134	<0.001
Figure 5	381.295	2	1082	<0.001
Figure 6	9.522	2	772	<0.001
