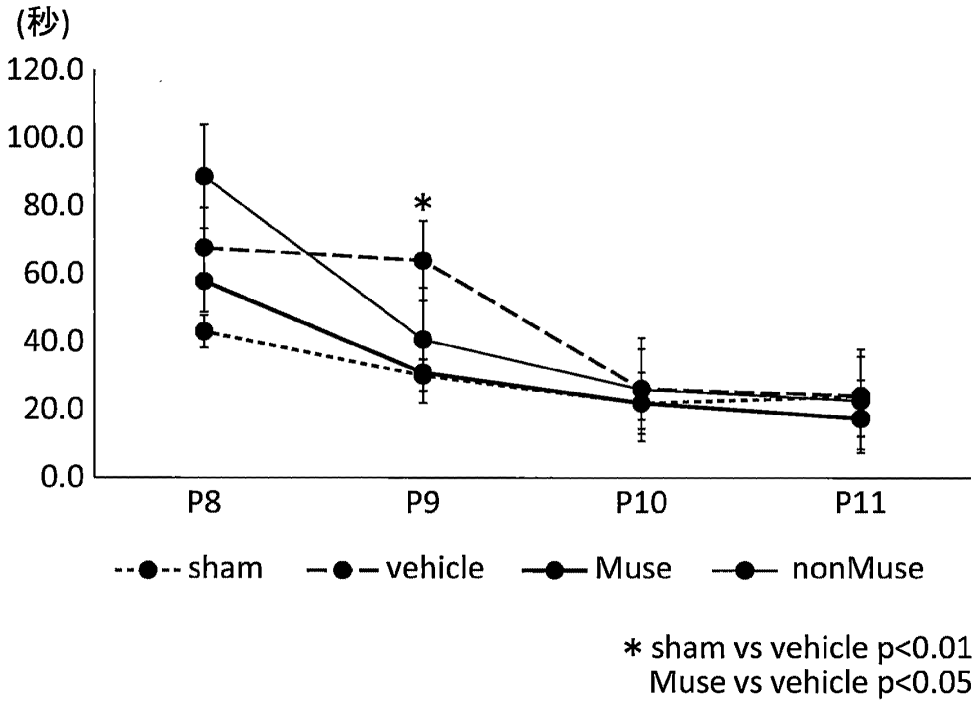
[図1A]

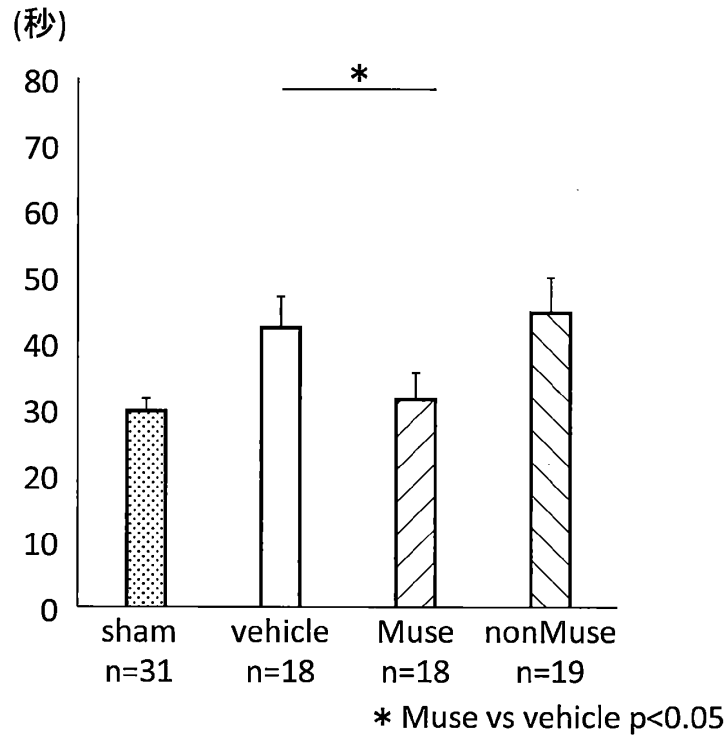
図1A



* sham vs vehicle p<0.01
Muse vs vehicle p<0.05

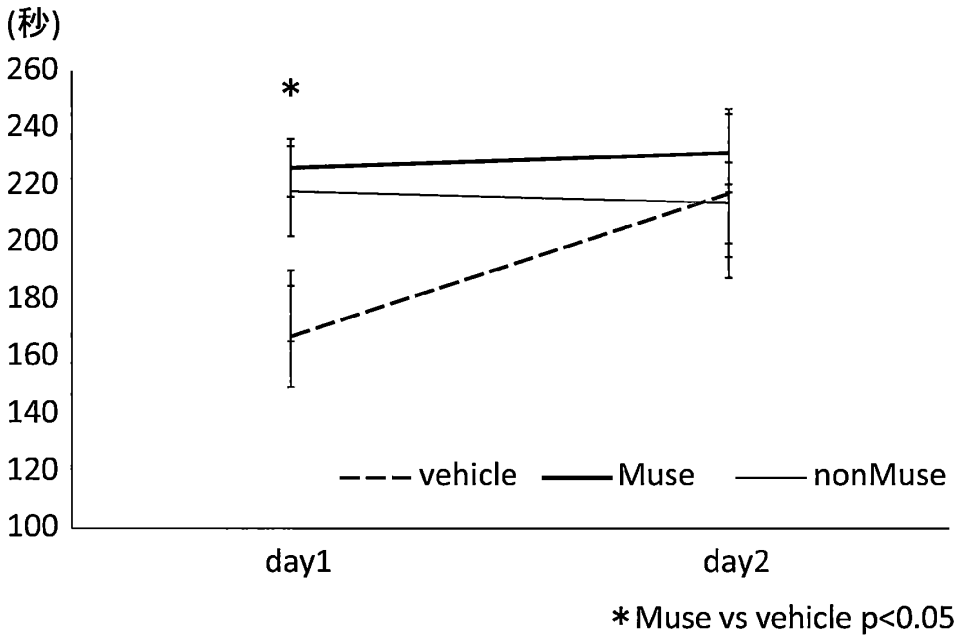
[図1B]

図1B


(秒)
80
70
60
50
40
30
20
10
0
*
sham
n=31
vehicle
n=18
Muse
n=18
nonMuse
n=19
* Muse vs vehicle p<0.05

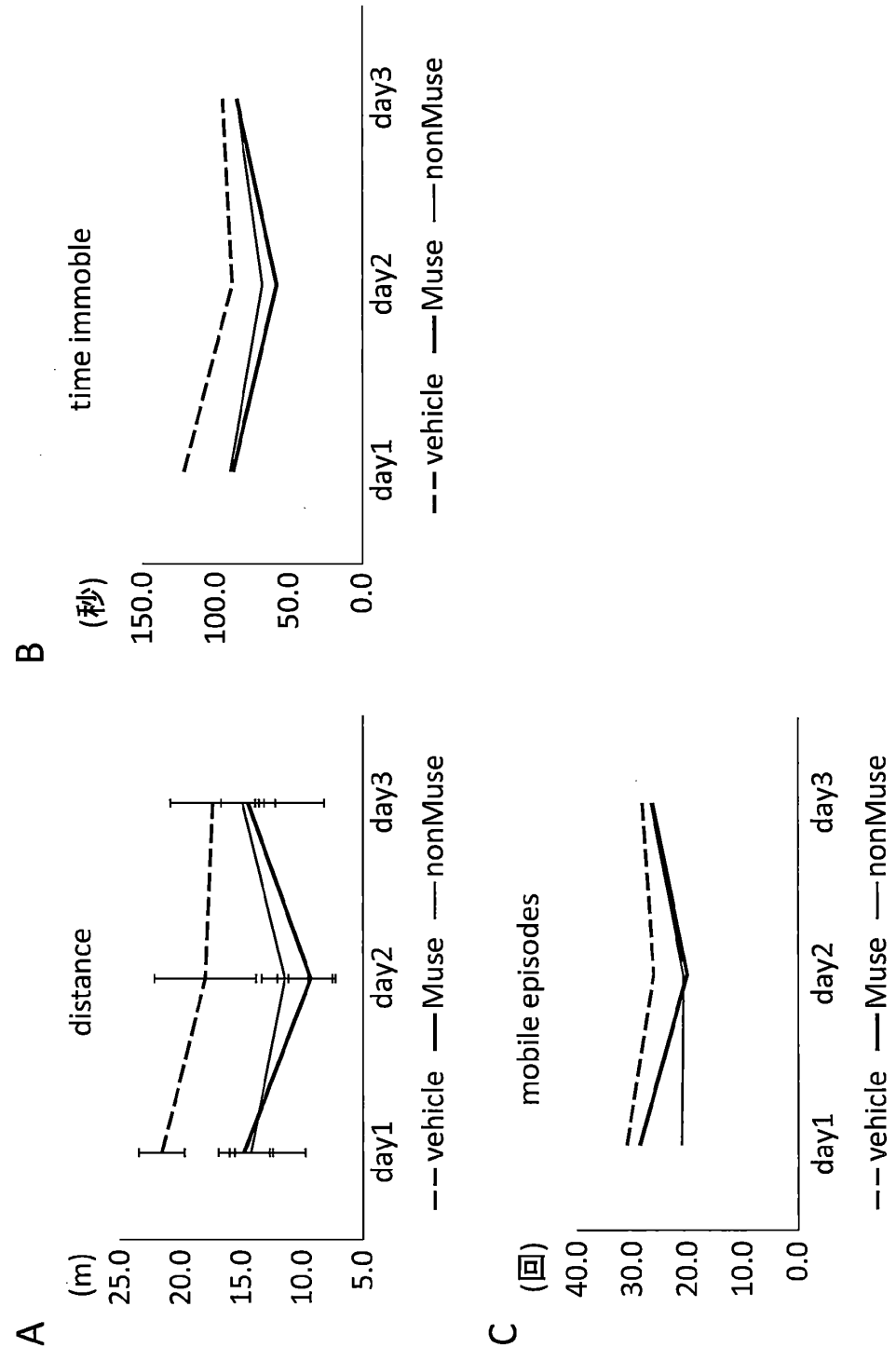
[図2]

図2


(秒)
260
240
220
200
180
160
140
120
100
*
vehicle
Muse
nonMuse
day1
day2
*Muse vs vehicle p<0.05

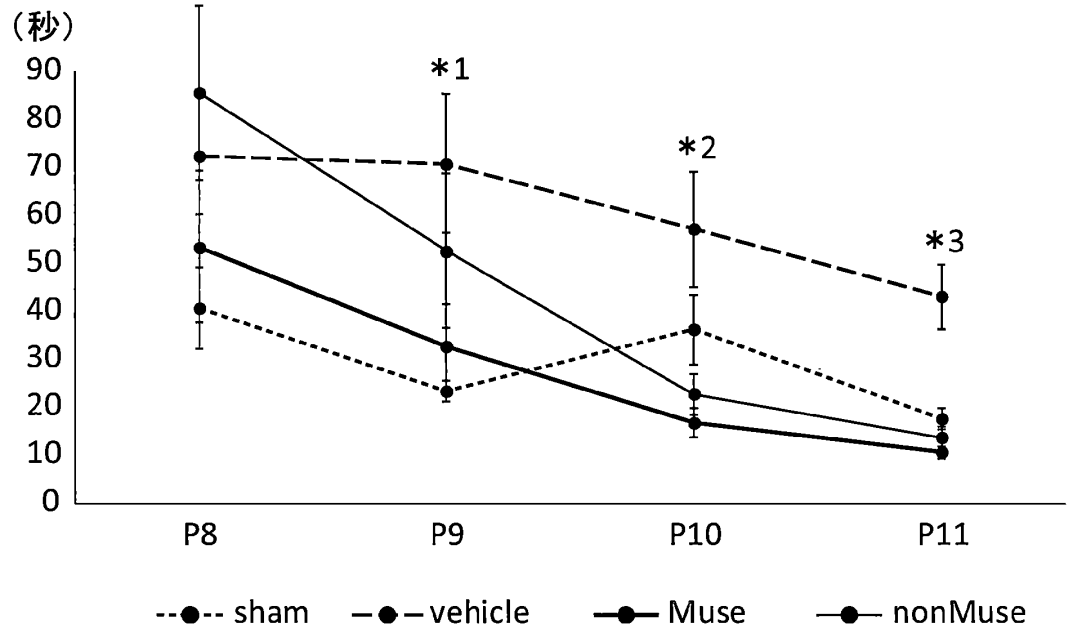
[図3]

図3


A
distance
(m)
25.0
20.0
15.0
10.0
5.0
day1
day2
day3
vehicle
Muse
nonMuse
B
time immoble
(秒)
150.0
100.0
50.0
0.0
day1
day2
day3
vehicle
Muse
nonMuse
C
mobile episodes
(回)
40.0
30.0
20.0
10.0
0.0
day1
day2
day3
vehicle
Muse
nonMuse

[図4A]

図4A



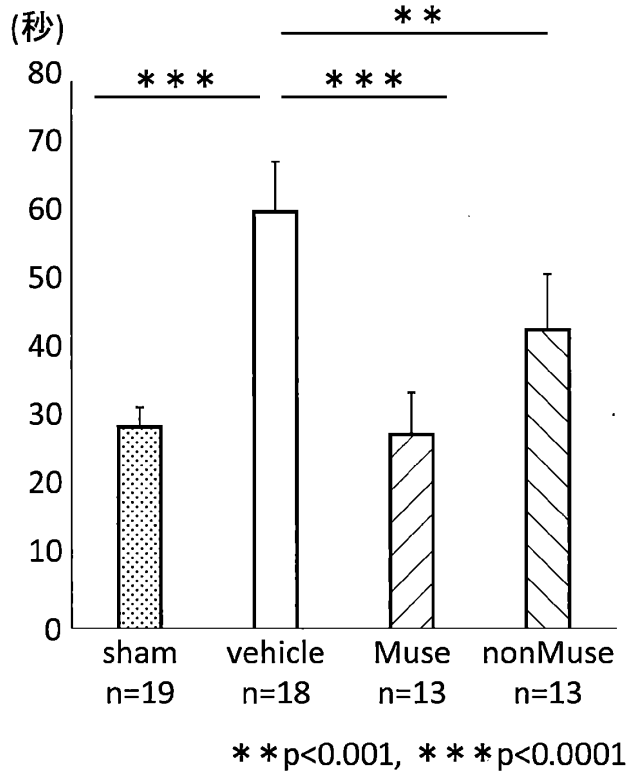
* 1 Muse vs vehicle $p<0.05$, sham vs vehicle $p<0.01$

* 2 Muse vs vehicle $p<0.01$

* 3 Muse vs vehicle $p<0.0001$, nonMuse vs vehicle $p<0.001$, sham vs vehicle $p<0.01$

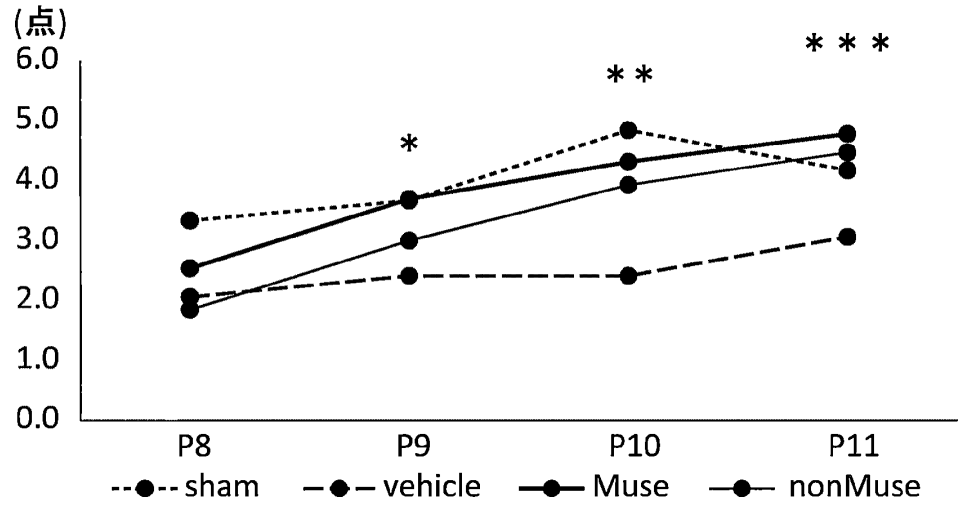
[図4B]

図4B


(秒)
＊＊
＊＊＊
＊＊＊
80
70
60
50
40
30
20
10
0
sham
n=19
vehicle
n=18
Muse
n=13
nonMuse
n=13
＊＊p<0.001, ＊＊＊p<0.0001

[図5]

図5



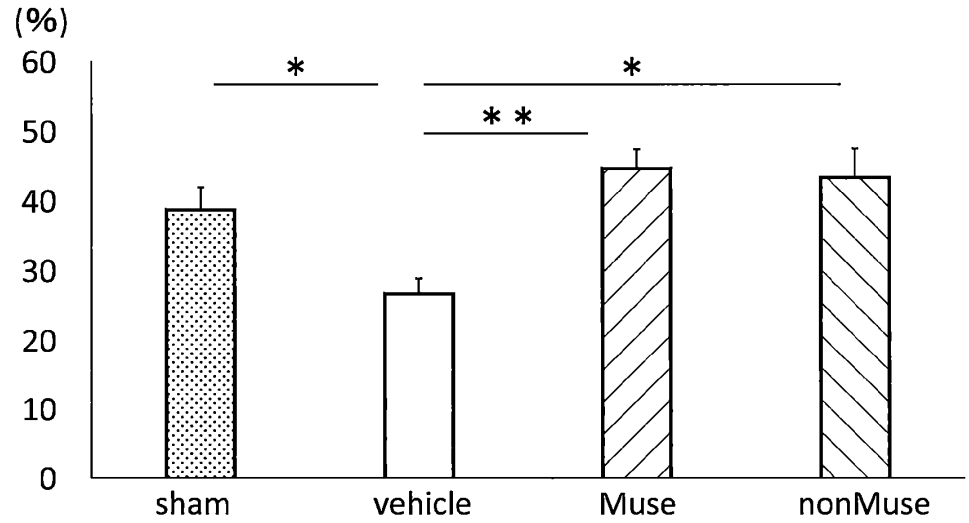
＊Muse vs vehicle p<0.05

＊＊Muse vs vehicle p<0.001 nonMuse vs vehicle p<0.01 sham vs vehicle p<0.001

＊＊＊Muse vs vehicle p<0.0001 nonMuse vs vehicle p<0.001 sham vs vehicle p<0.05

[図6]

図6

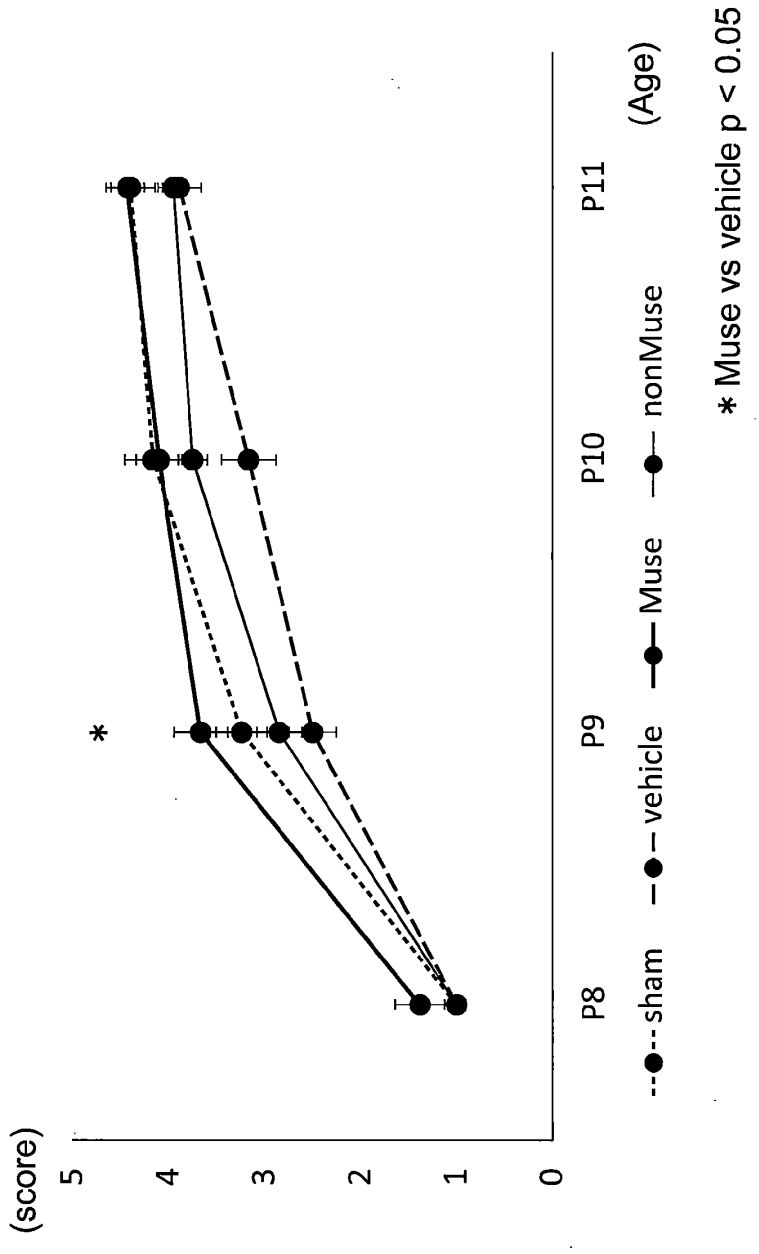


＊＊Muse vs vehicle p<0.01,

＊non Muse vs vehicle p<0.05, sham vs vehicle p<0.05

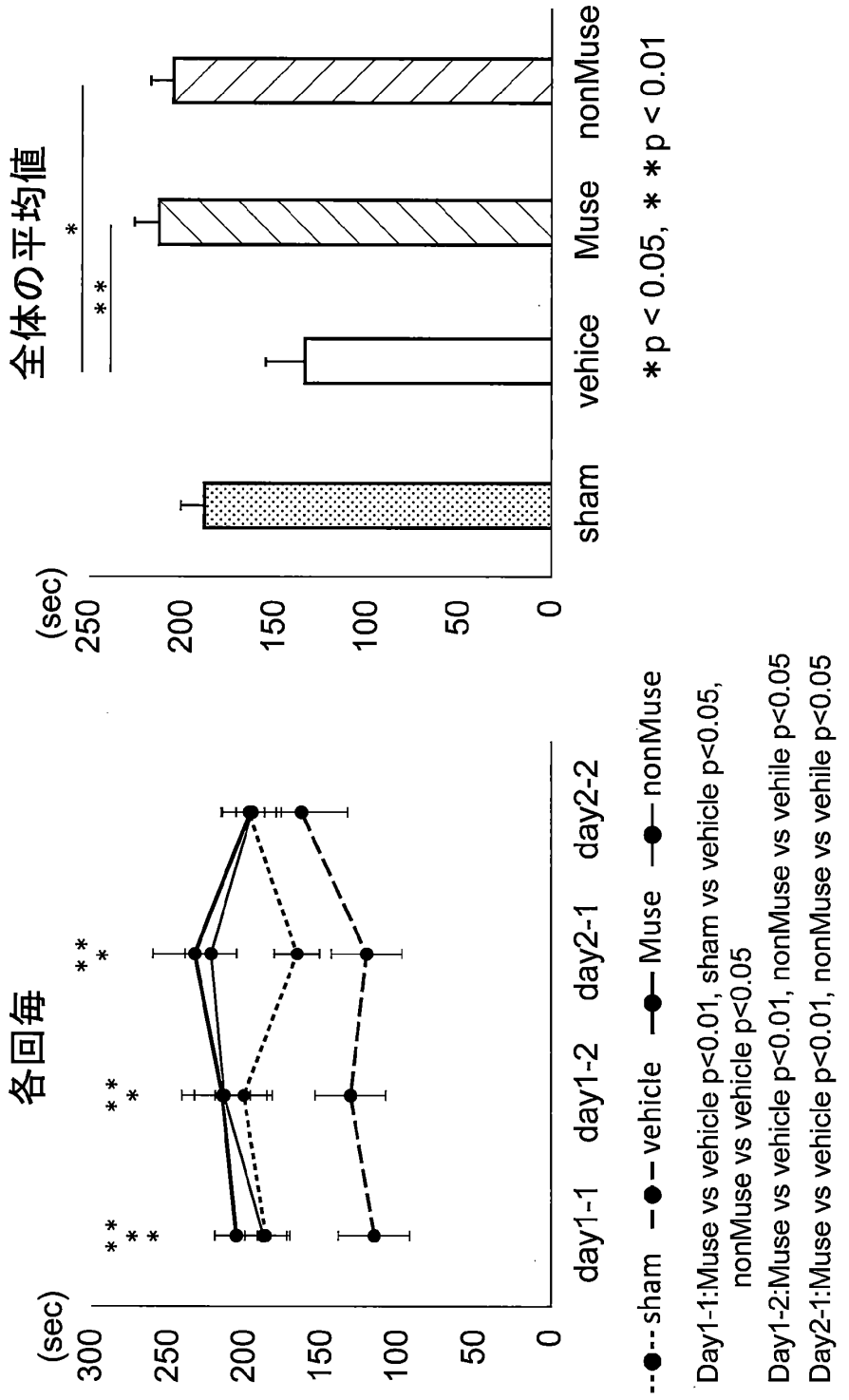
[図7]

図7


(score)
5
4
3
2
1
0
*
P8
P9
P10
P11
(Age)
sham
vehicle
Muse
nonMuse
* Muse vs vehicle p < 0.05

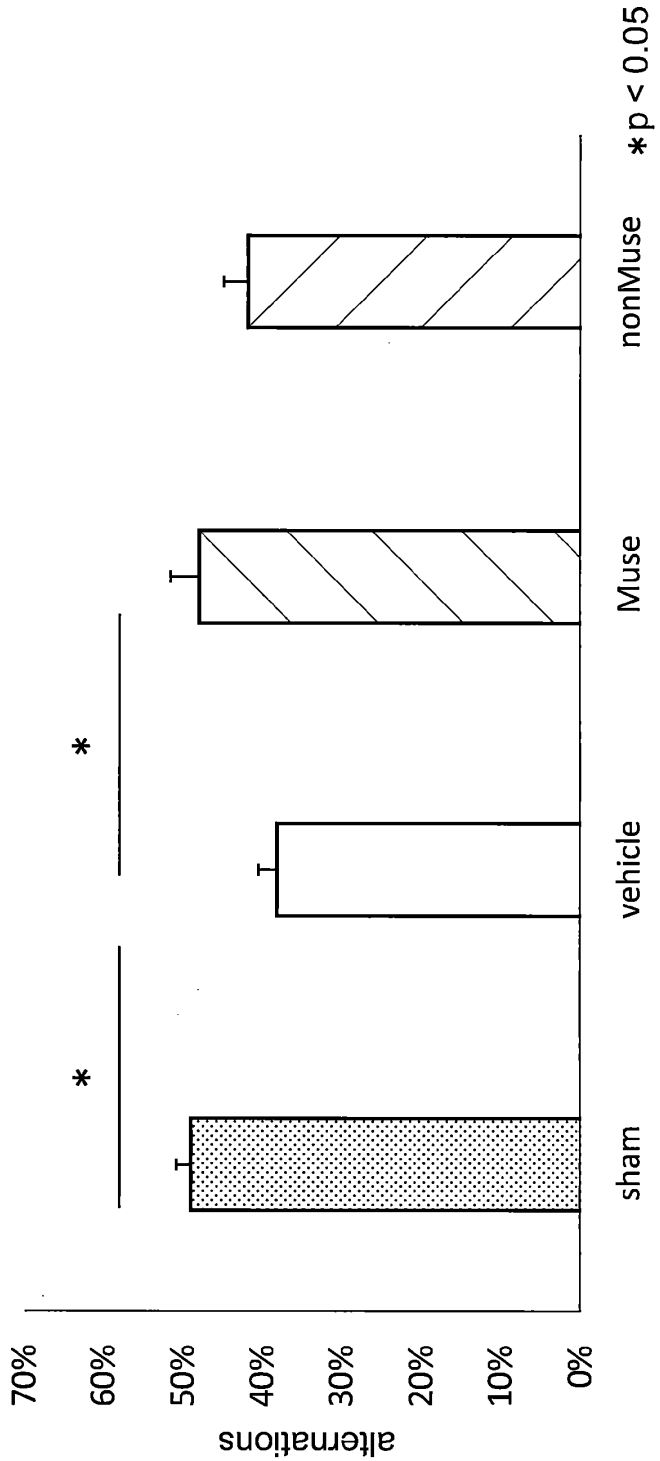
[図8]

図8


全体の平均値
(sec)
300
250
200
150
100
50
0
sham
vehice
Muse
nonMuse
＊p < 0.05, ＊＊p < 0.01
各回毎
day1-1
day1-2
day2-1
day2-2
sham
vehicle
Muse
nonMuse
Day1-1:Muse vs vehicle p<0.01, sham vs vehicle p<0.05,
nonMuse vs vehicle p<0.05
Day1-2:Muse vs vehicle p<0.01, nonMuse vs vehile p<0.05
Day2-1:Muse vs vehicle p<0.01, nonMuse vs vehile p<0.05

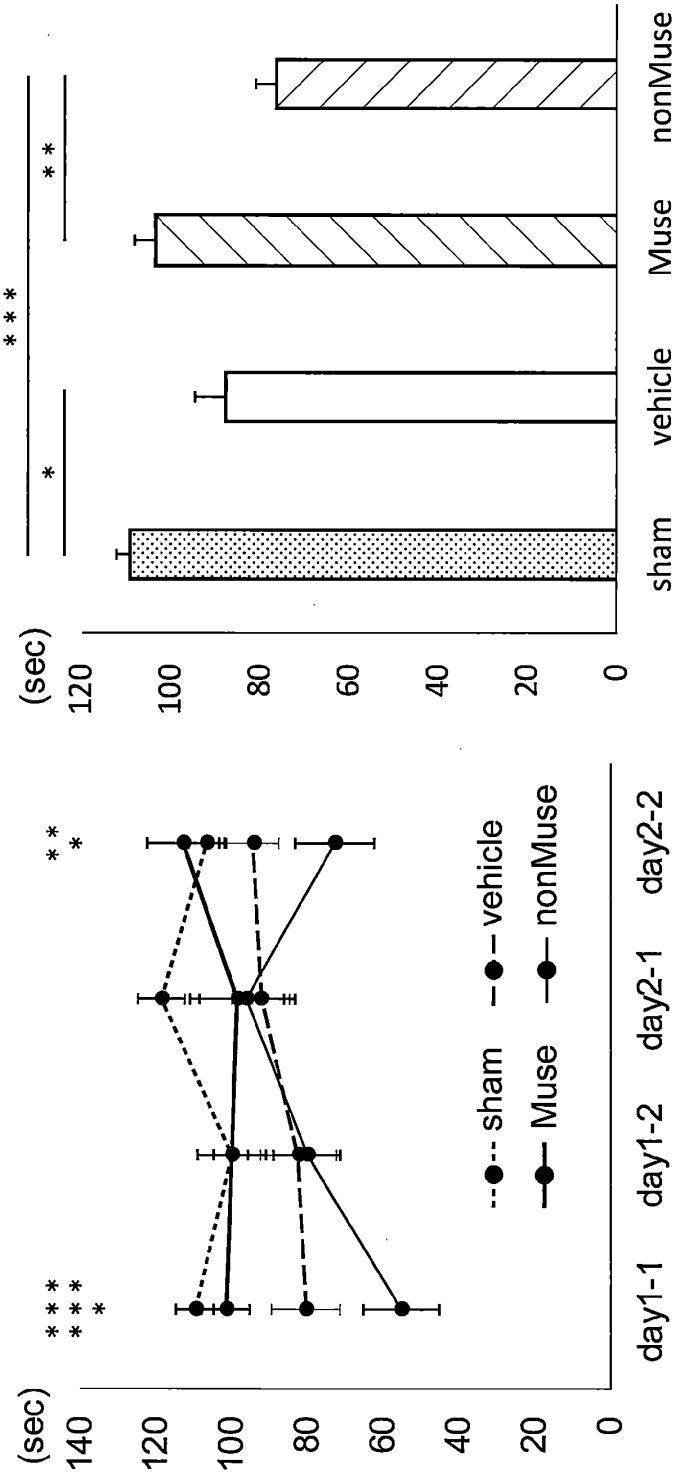
[図9]

図9


alternations
70%
60%
50%
40%
30%
20%
10%
0%
sham
vehicle
Muse
nonMuse
*
*
*p < 0.05

[図10]

図10

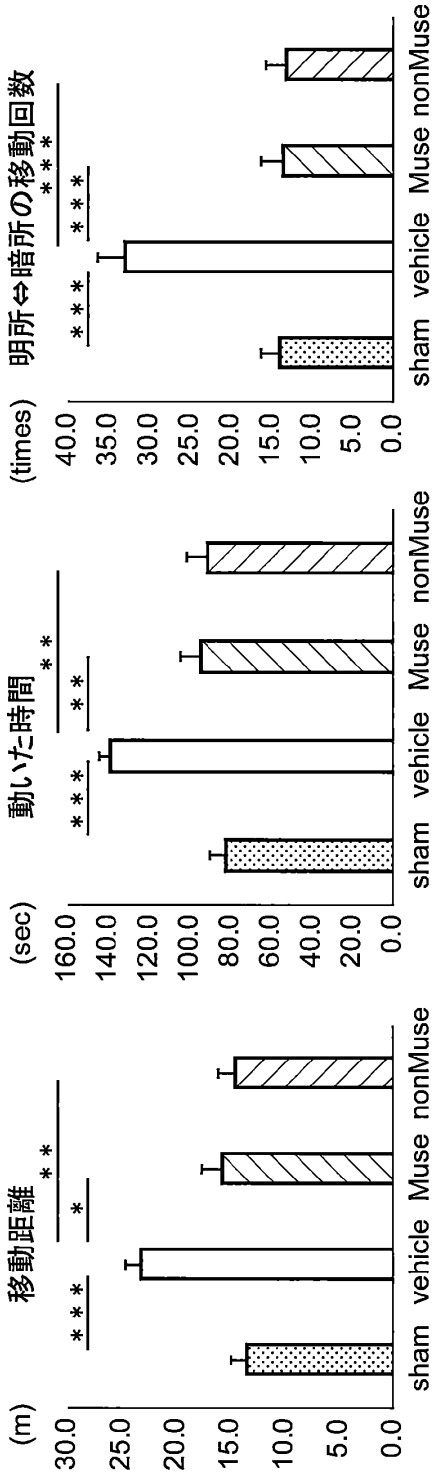


* p < 0.05, * * p < 0.01, * * * p < 0.001

Day1-1:Muse vs nonMuse p<0.001, sham vs nonMuse p<0.001,
sham vs vehicle p<0.05
Day2-2:Muse vs nonMuse p<0.01, sham vs nonMuse p<0.05

[図11]

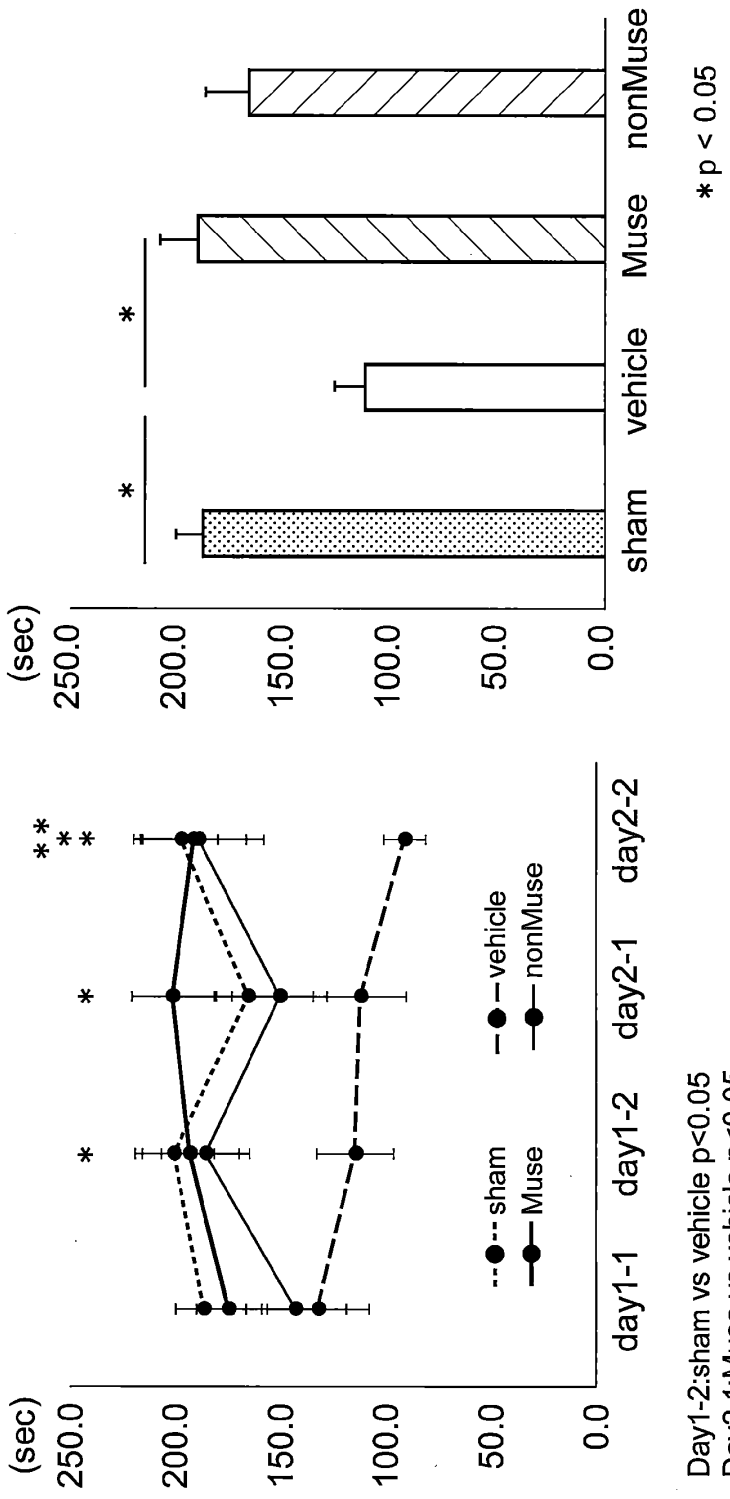
図11



* p < 0.05, * * p < 0.01, * * * p < 0.001

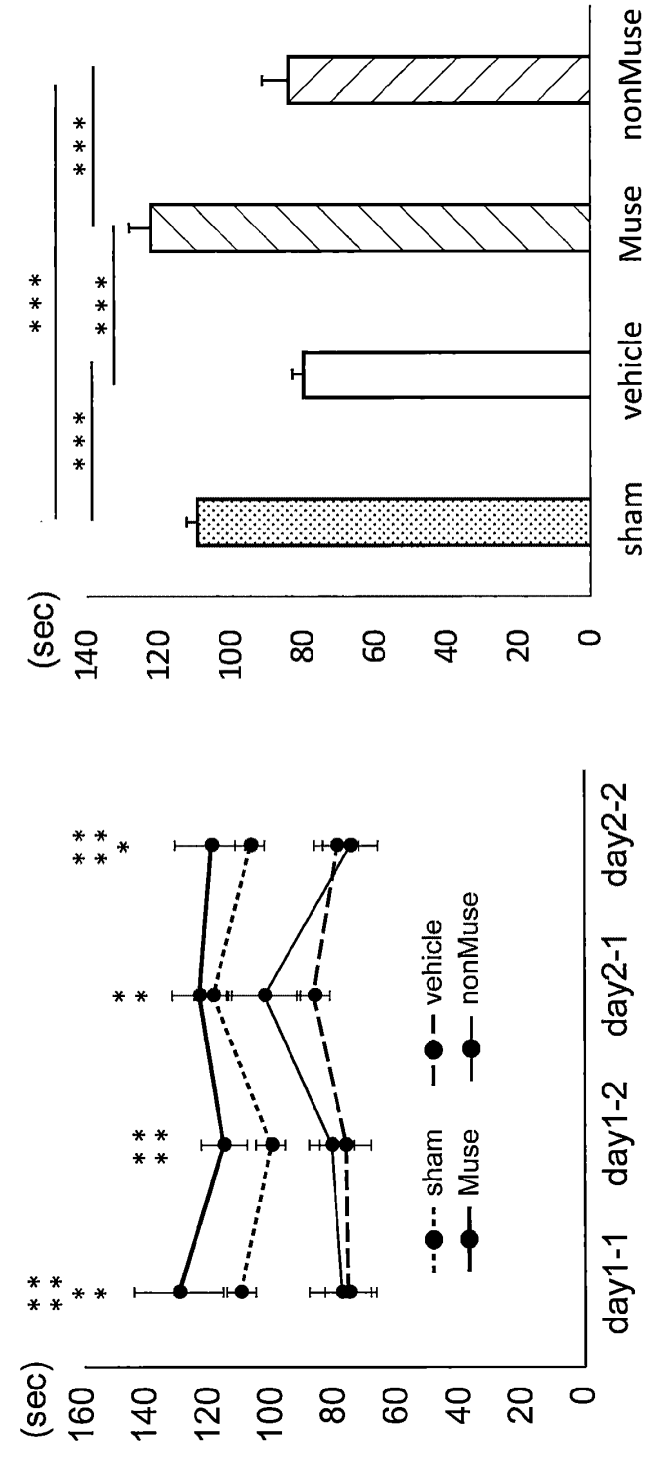
[図12]

図12


(sec)
250.0
200.0
150.0
100.0
50.0
0.0
day1-1
day1-2
day2-1
day2-2
sham
Muse
vehicle
nonMuse
*
**
***
sham
vehicle
Muse
nonMuse
* p < 0.05
Day1-2:sham vs vehicle p<0.05
Day2-1:Muse vs vehicle p<0.05
Day2-2:sham vs vehicle p<0.01, Muse vs vehicle p<0.05,
nonMuse vs vehicle p<0.05

[図13]

図13



day1-1 ＊＊Muse vs nonMuse p < 0.01,＊＊Muse vs vehicle p < 0.01
＊sham vs non Muse p < 0.05,＊sham vs vehicle p < 0.05
day1-2 ＊＊Muse vs nonMuse p < 0.01,＊＊Muse vs vehicle p < 0.01
day2-1 ＊Muse vs vehicle p < 0.05,＊＊sham vs vehicle p < 0.05
day2-2 ＊＊Muse vs nonMuse p < 0.01,＊＊Muse vs vehicle p < 0.01
＊sham vs non Muse p < 0.05

＊＊＊p < 0.001