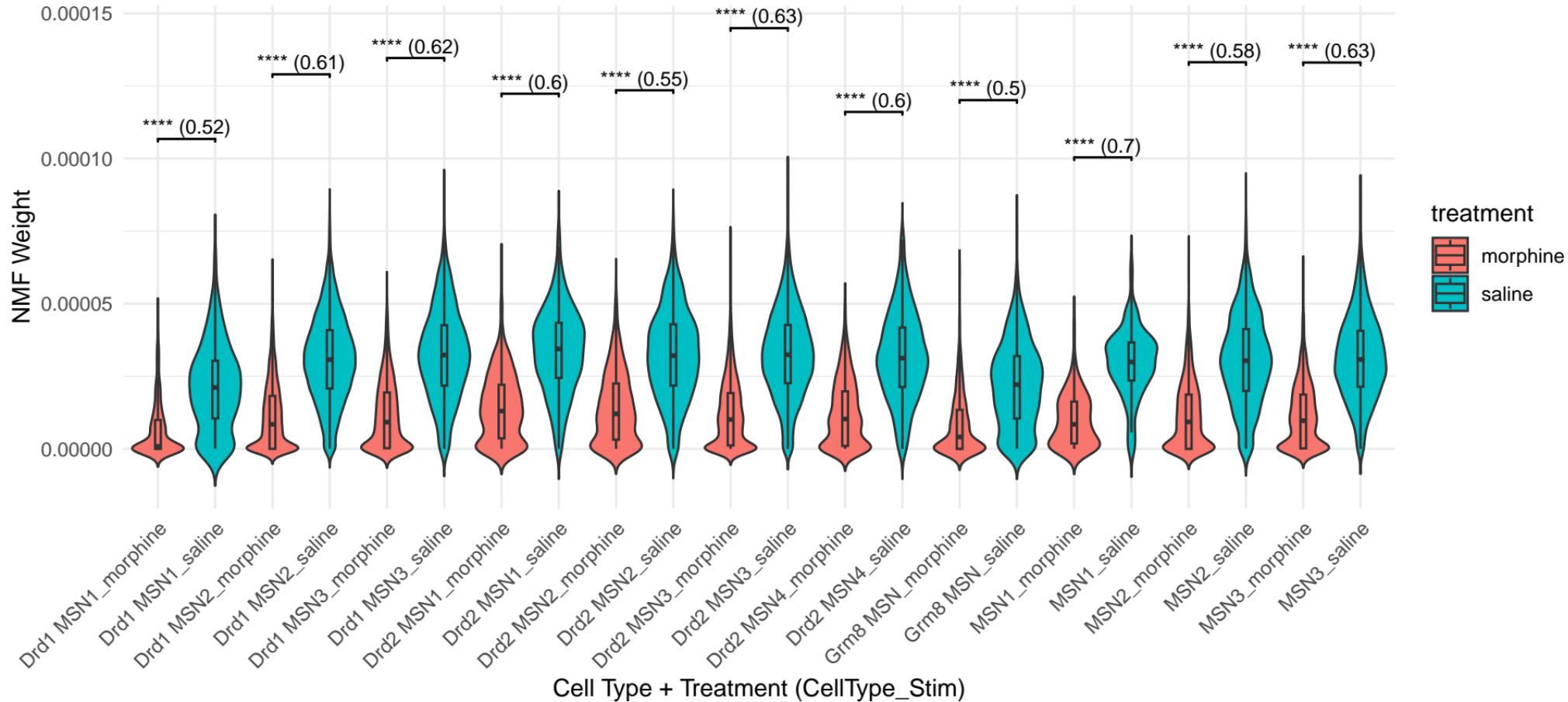


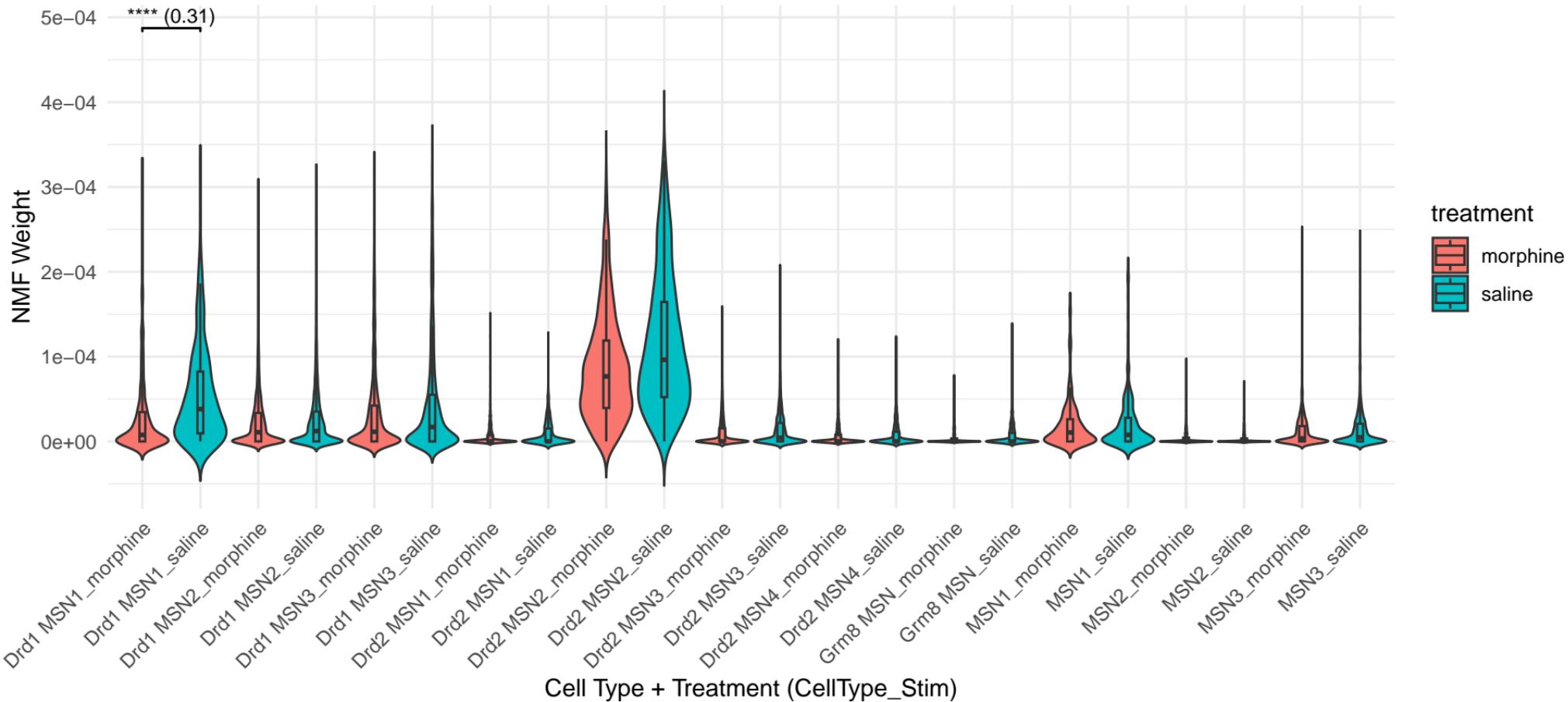
# NMF Component: nmf16

Significance: \*, \*\*, \*\*\* with effect size



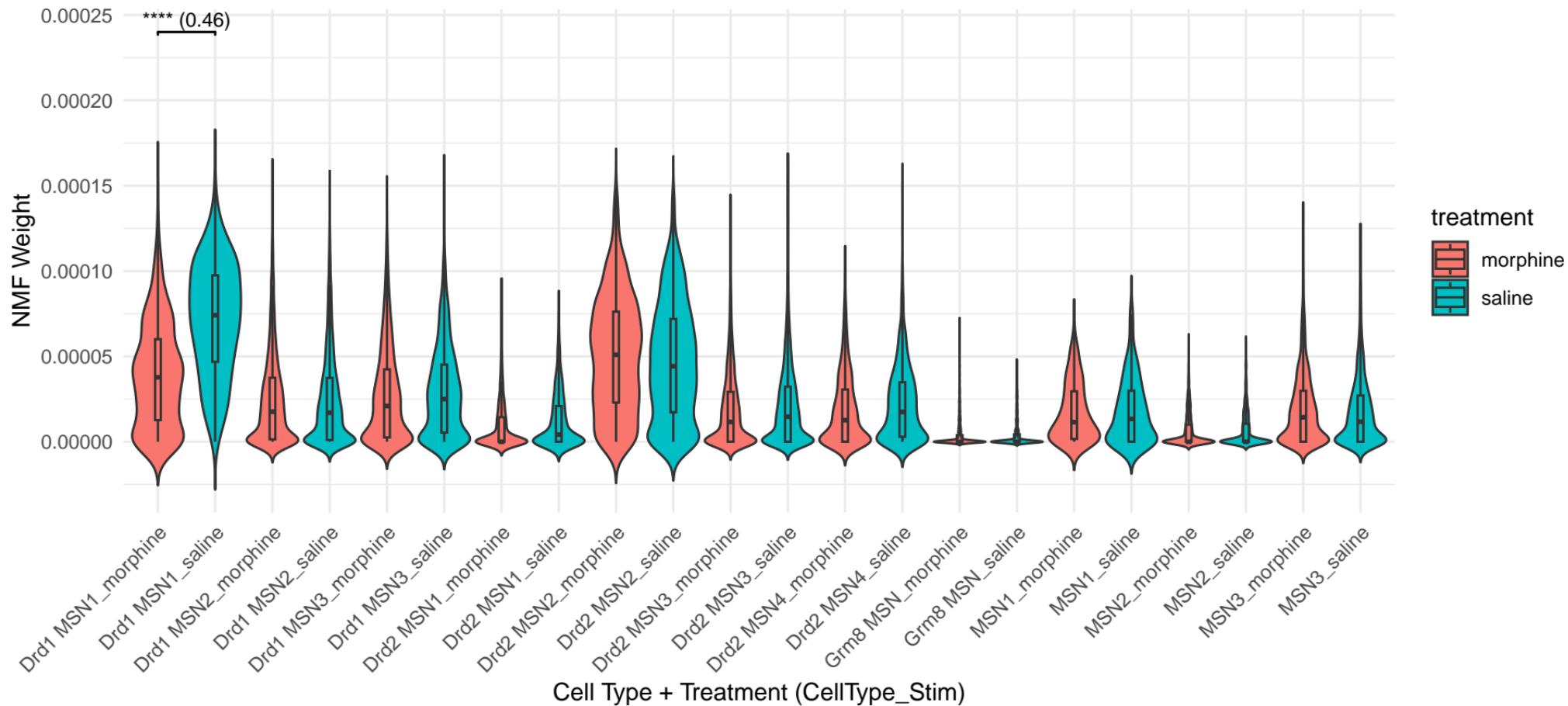
# NMF Component: nmf22

Significance: \*, \*\*, \*\*\* with effect size



# NMF Component: nmf24

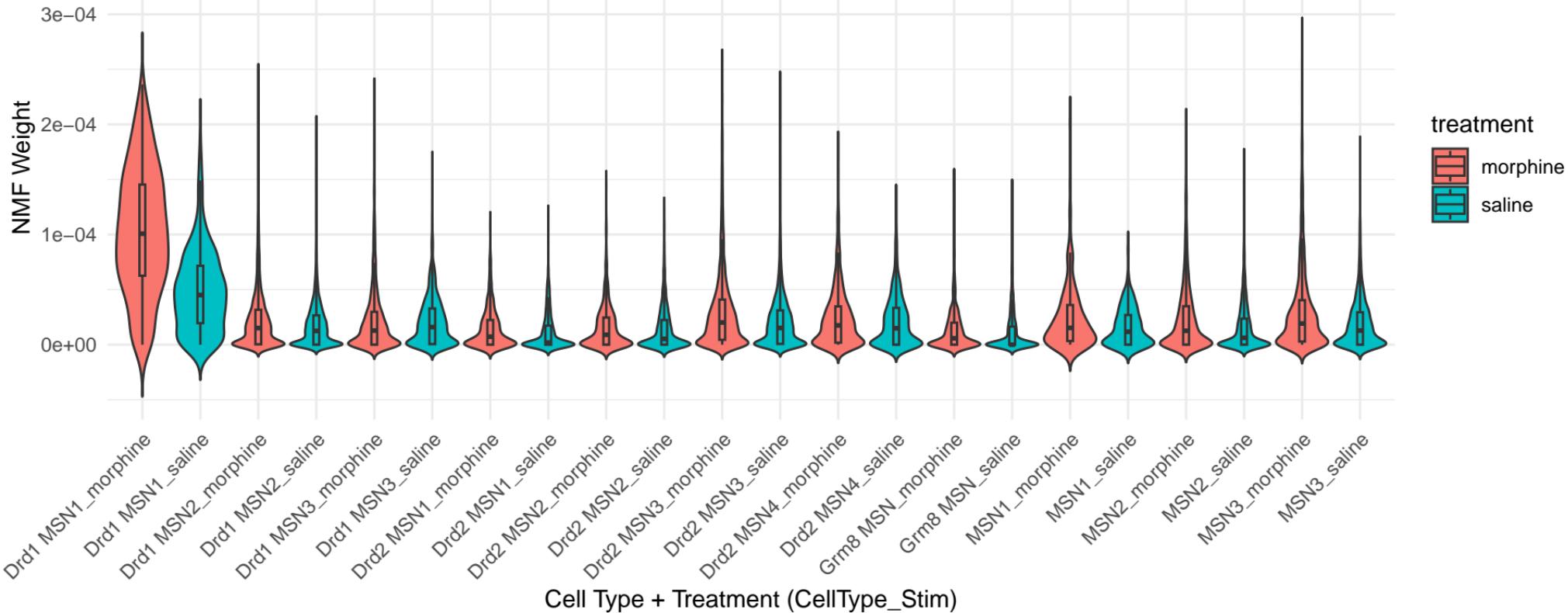
Significance: \*, \*\*, \*\*\* with effect size



# NMF Component: nmf30

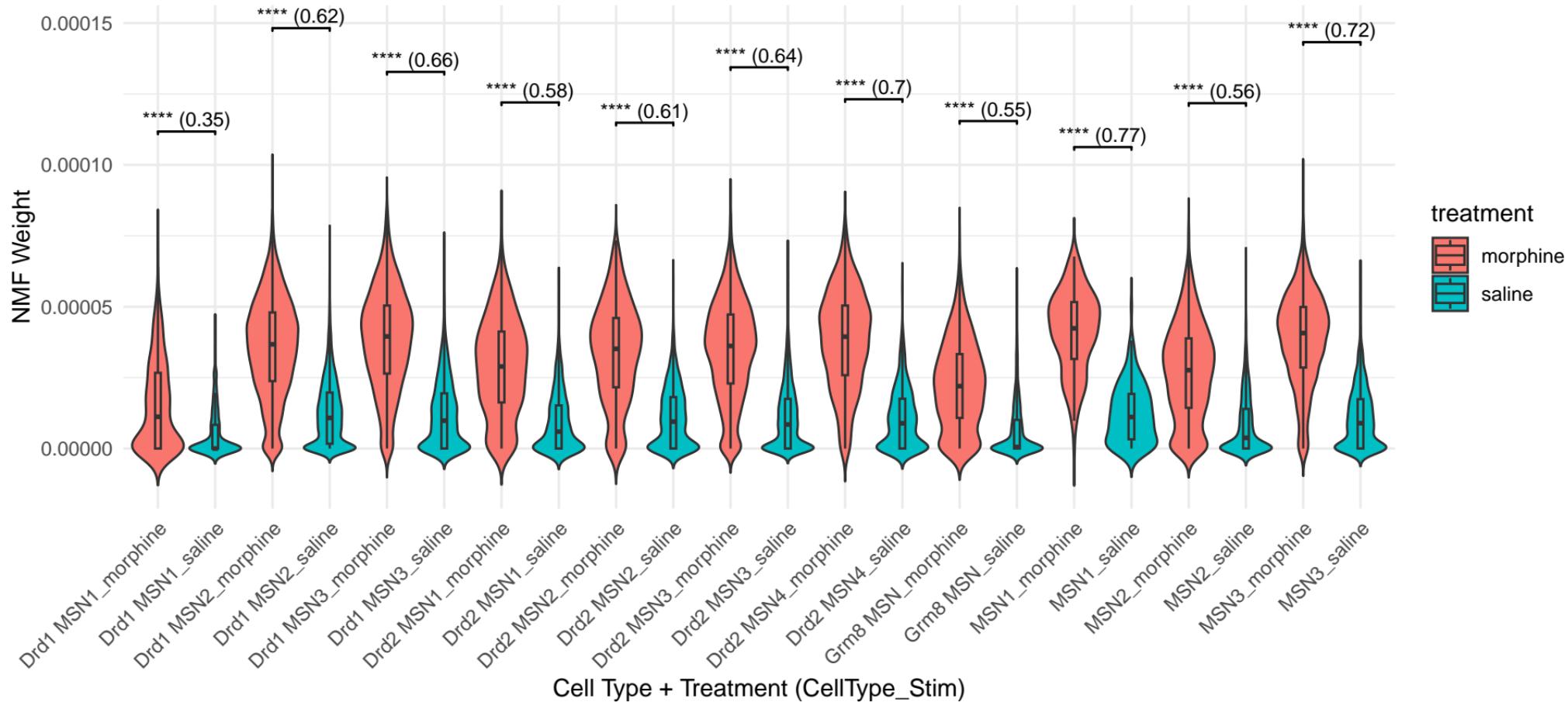
Significance: \*, \*\*, \*\*\* with effect size

\*\*\*\* (0.49)



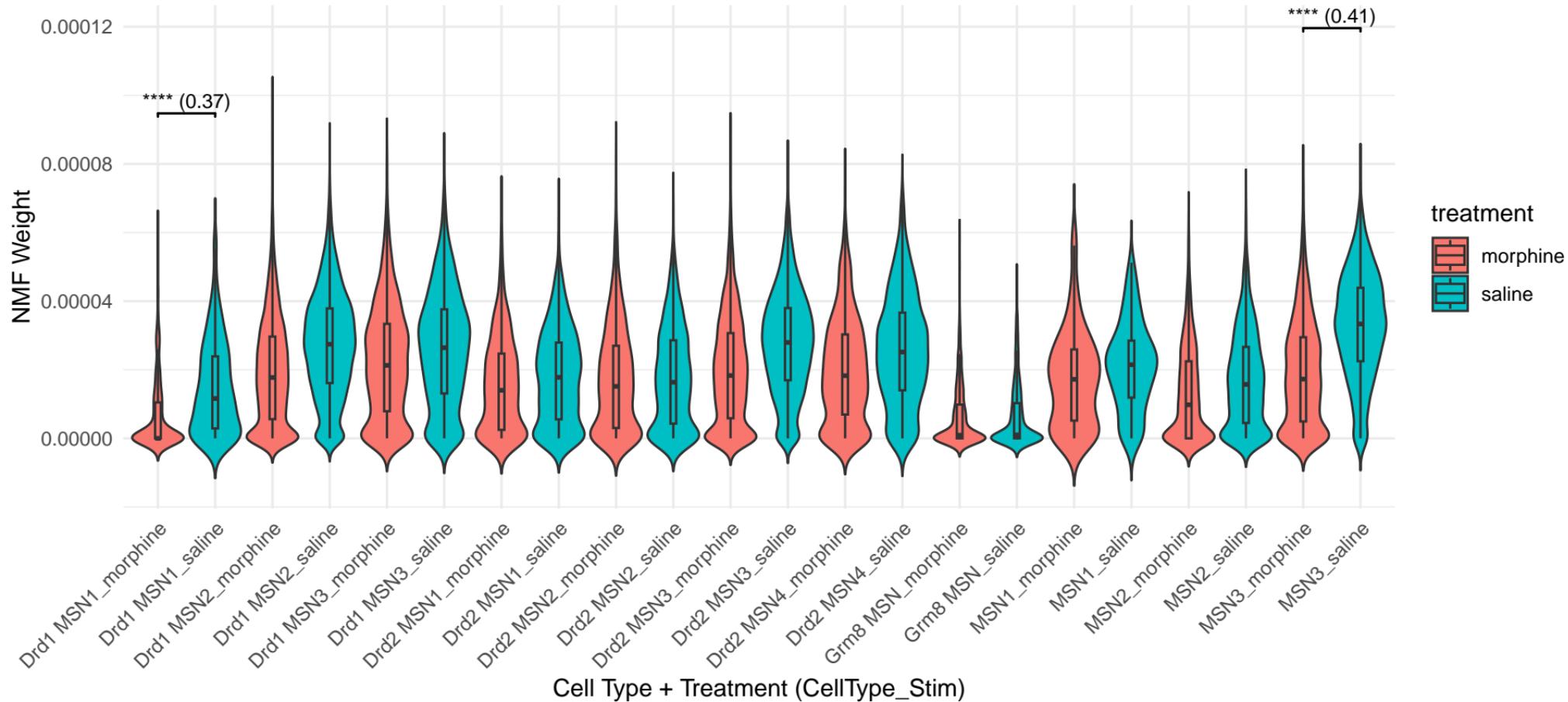
# NMF Component: nmf7

Significance: \*, \*\*, \*\*\* with effect size



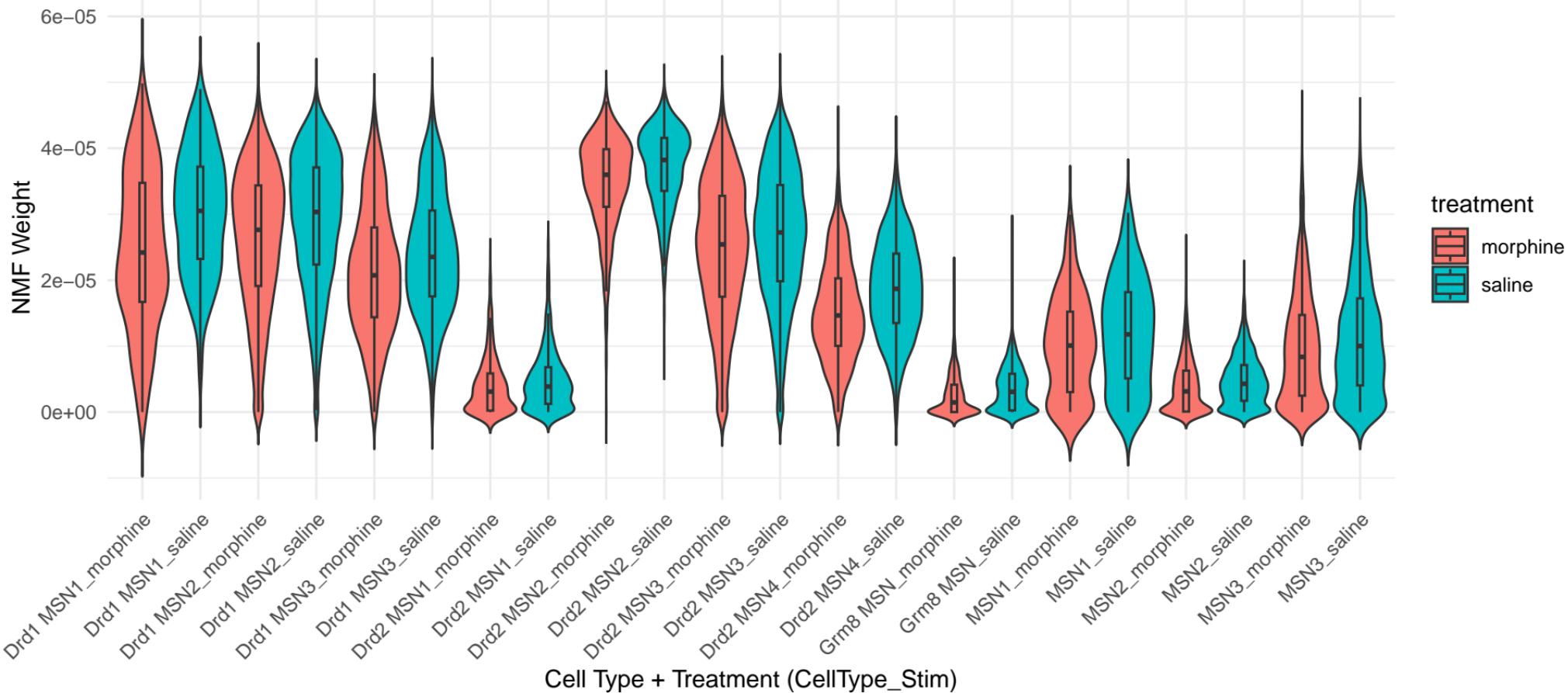
# NMF Component: nmf8

Significance: \*, \*\*, \*\*\* with effect size



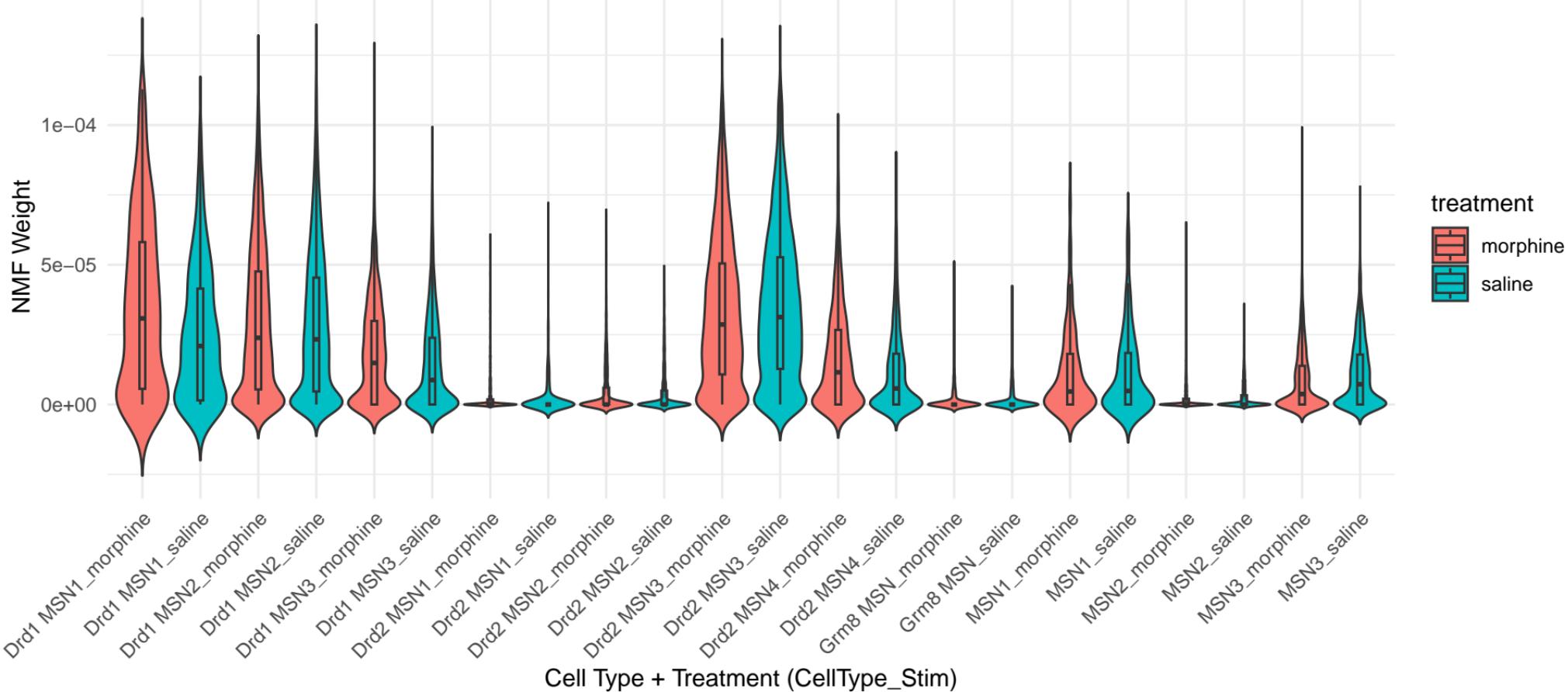
# NMF Component: nmf1

Not significant



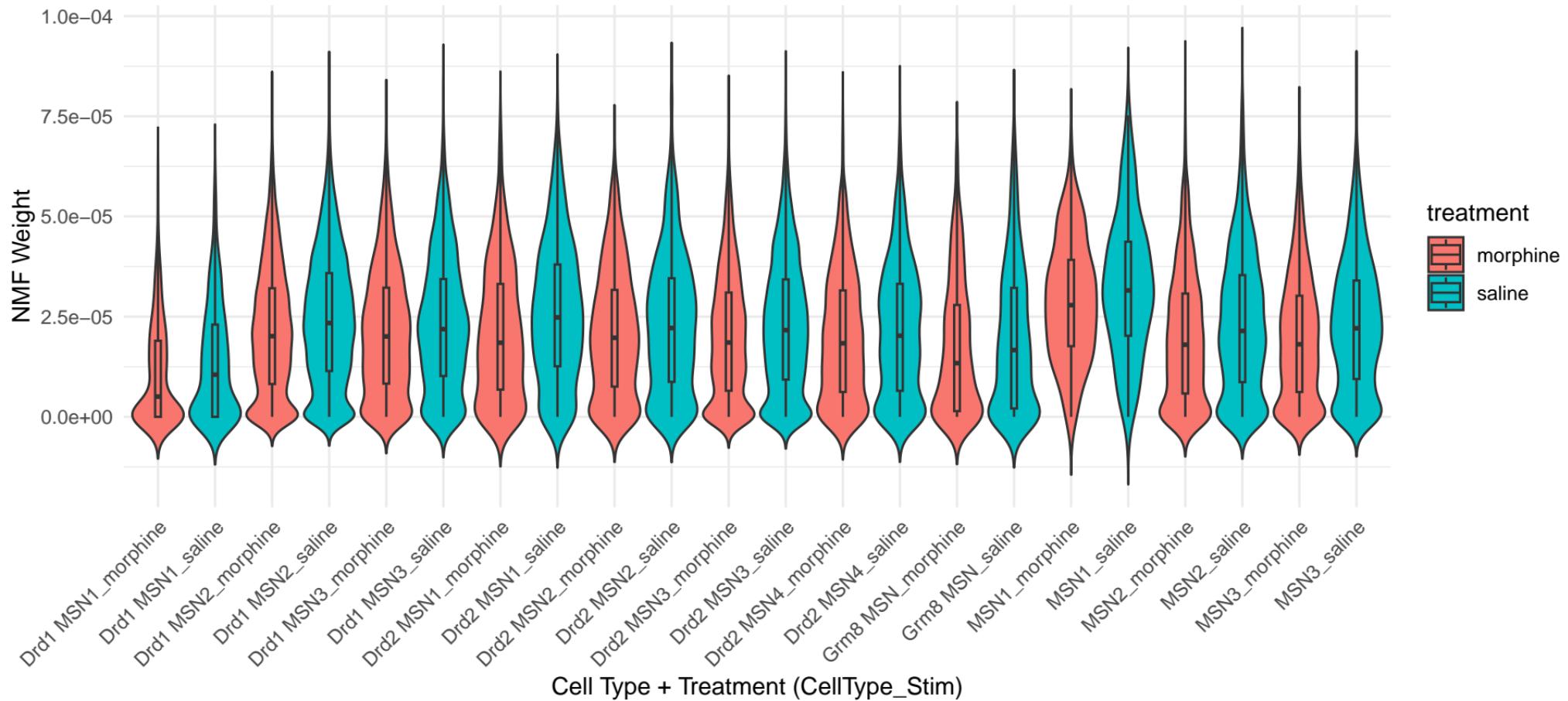
# NMF Component: nmf2

Not significant



# NMF Component: nmf3

Not significant



# NMF Component: nmf4

Not significant

NMF Weight

1.0e-04

7.5e-05

5.0e-05

2.5e-05

0.0e+00

treatment

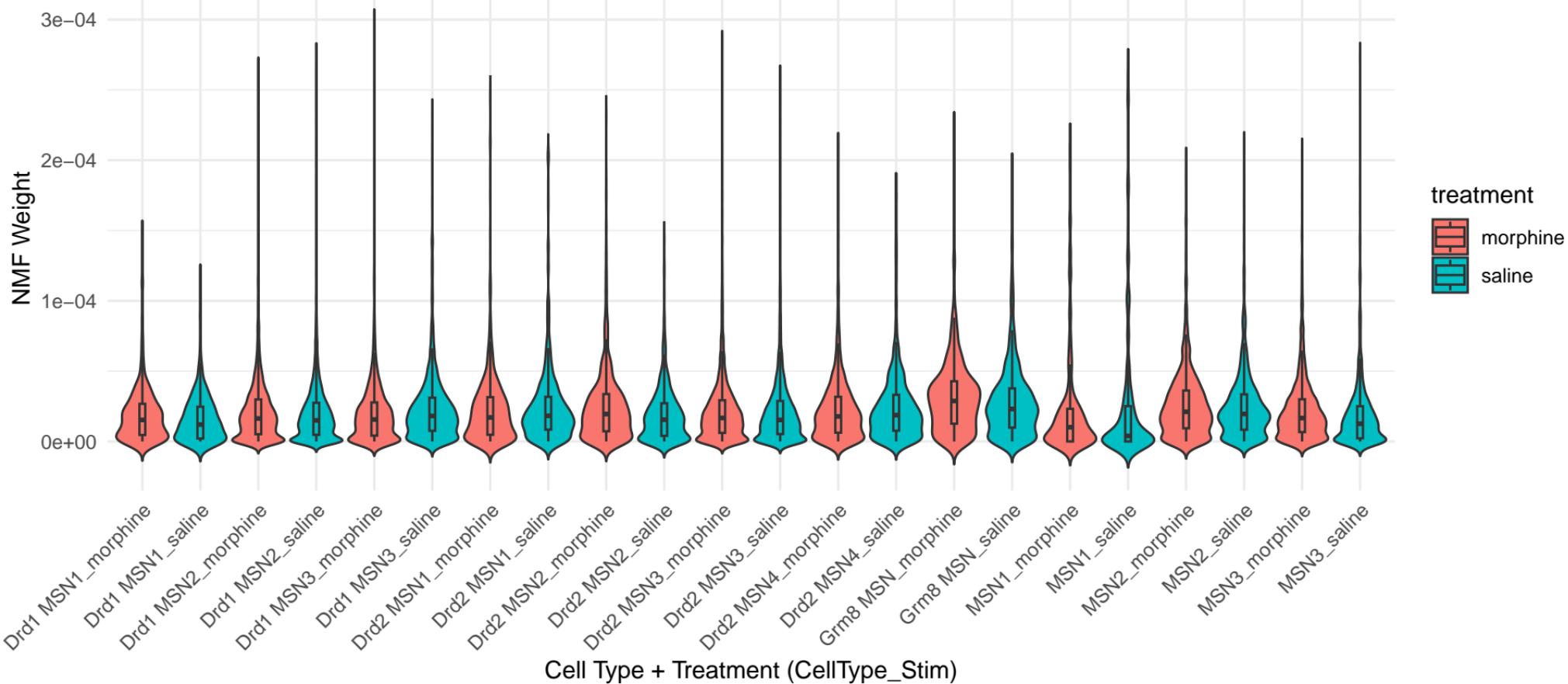
morphine  
saline

Drd1 MSN1\_morphine  
Drd1 MSN1\_saline  
Drd1 MSN2\_morphine  
Drd1 MSN2\_saline  
Drd1 MSN3\_morphine  
Drd1 MSN3\_saline  
Drd2 MSN1\_morphine  
Drd2 MSN1\_saline  
Drd2 MSN2\_morphine  
Drd2 MSN2\_saline  
Drd2 MSN3\_morphine  
Drd2 MSN3\_saline  
Drd2 MSN4\_morphine  
Drd2 MSN4\_saline  
Grm8 MSN\_morphine  
Grm8 MSN\_saline  
MSN1\_morphine  
MSN1\_saline  
MSN2\_morphine  
MSN2\_saline  
MSN3\_morphine  
MSN3\_saline

Cell Type + Treatment (CellType\_Stim)

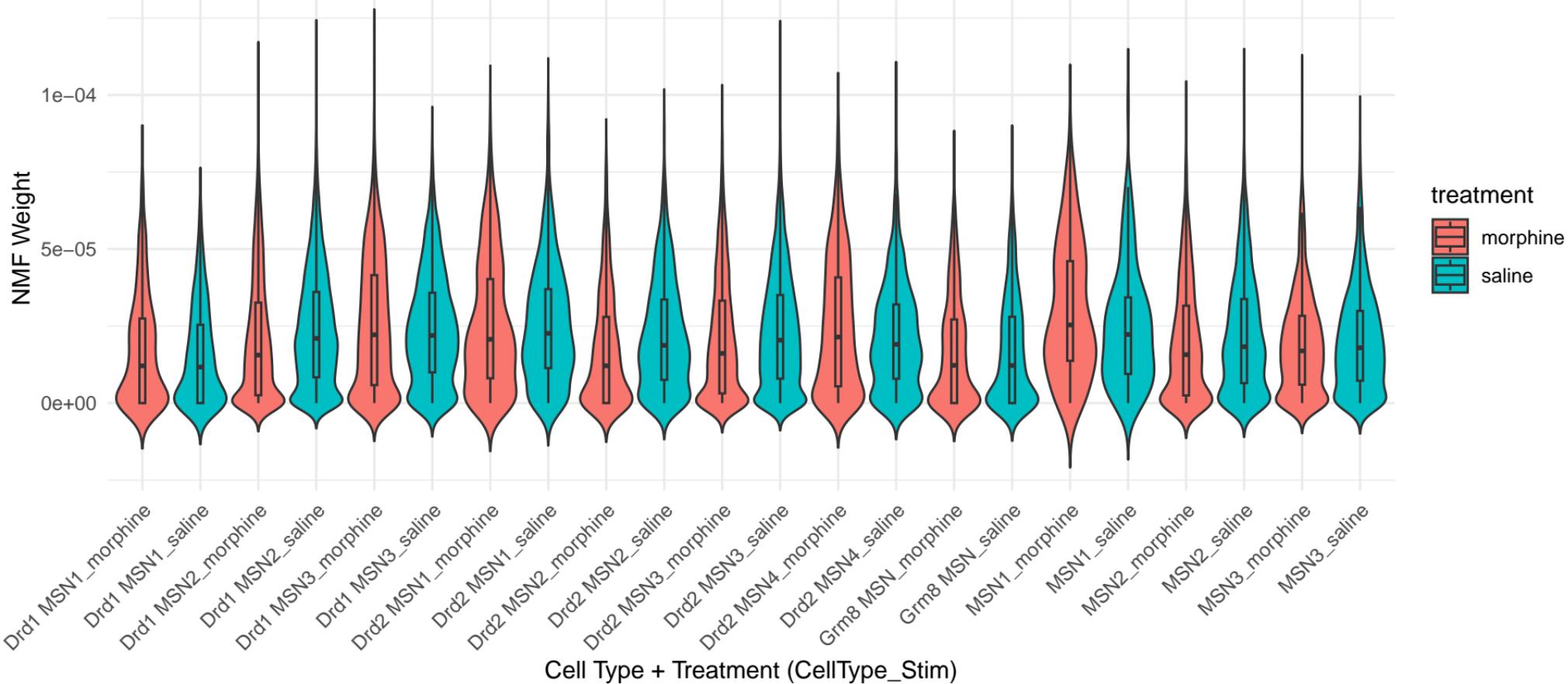
# NMF Component: nmf5

Not significant



# NMF Component: nmf6

Not significant



# NMF Component: nmf9

Not significant

NMF Weight

0.00020

0.00015

0.00010

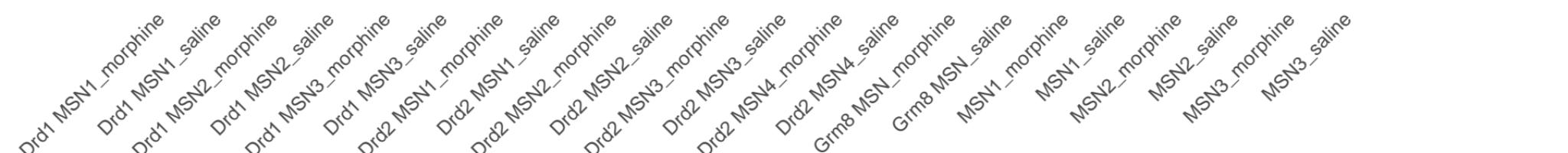
0.00005

0.00000

treatment

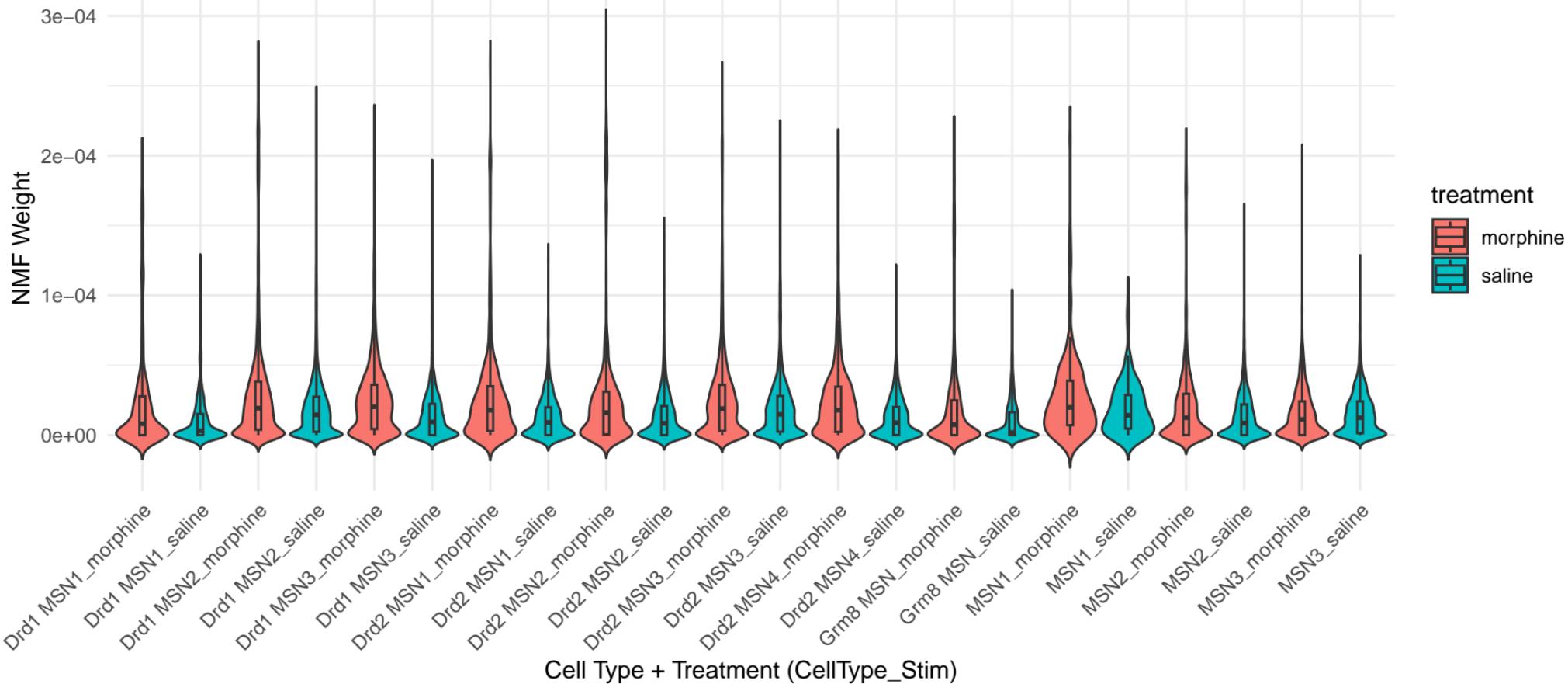
morphine

saline



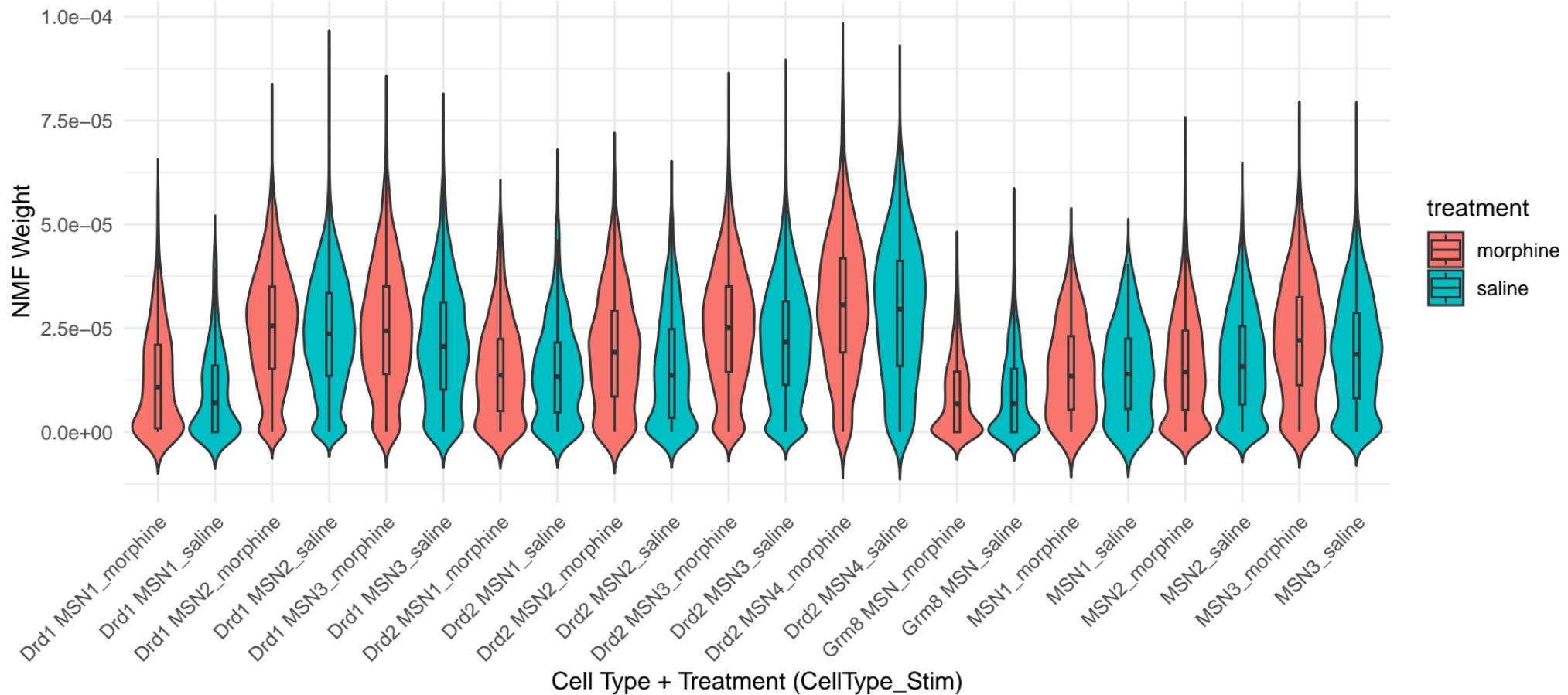
# NMF Component: nmf10

Not significant



# NMF Component: nmf11

Not significant



# NMF Component: nmf12

Not significant

NMF Weight

0.00015

0.00010

0.00005

0.00000

treatment  
morphine  
saline

Drd1 MSN1\_morphine  
Drd1 MSN1\_saline  
Drd1 MSN2\_morphine  
Drd1 MSN2\_saline  
Drd1 MSN3\_morphine  
Drd1 MSN3\_saline  
Drd2 MSN1\_morphine  
Drd2 MSN1\_saline  
Drd2 MSN2\_morphine  
Drd2 MSN2\_saline  
Drd2 MSN3\_morphine  
Drd2 MSN3\_saline  
Drd2 MSN4\_morphine  
Drd2 MSN4\_saline  
Grm8 MSN\_morphine  
Grm8 MSN\_saline  
MSN1\_morphine  
MSN1\_saline  
MSN2\_morphine  
MSN2\_saline  
MSN3\_morphine  
MSN3\_saline

Cell Type + Treatment (CellType\_Stim)

# NMF Component: nmf13

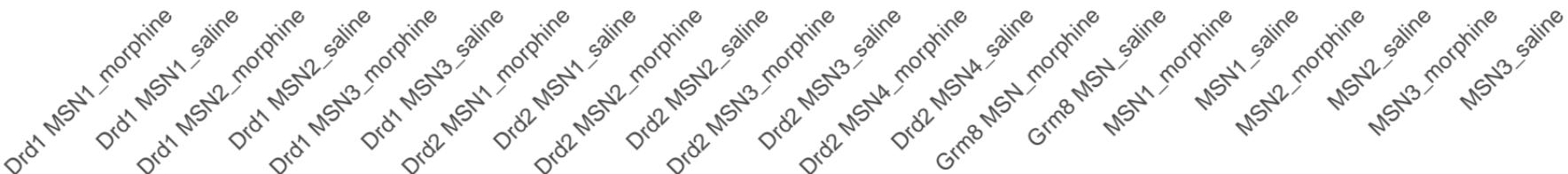
Not significant

NMF Weight

2e-04

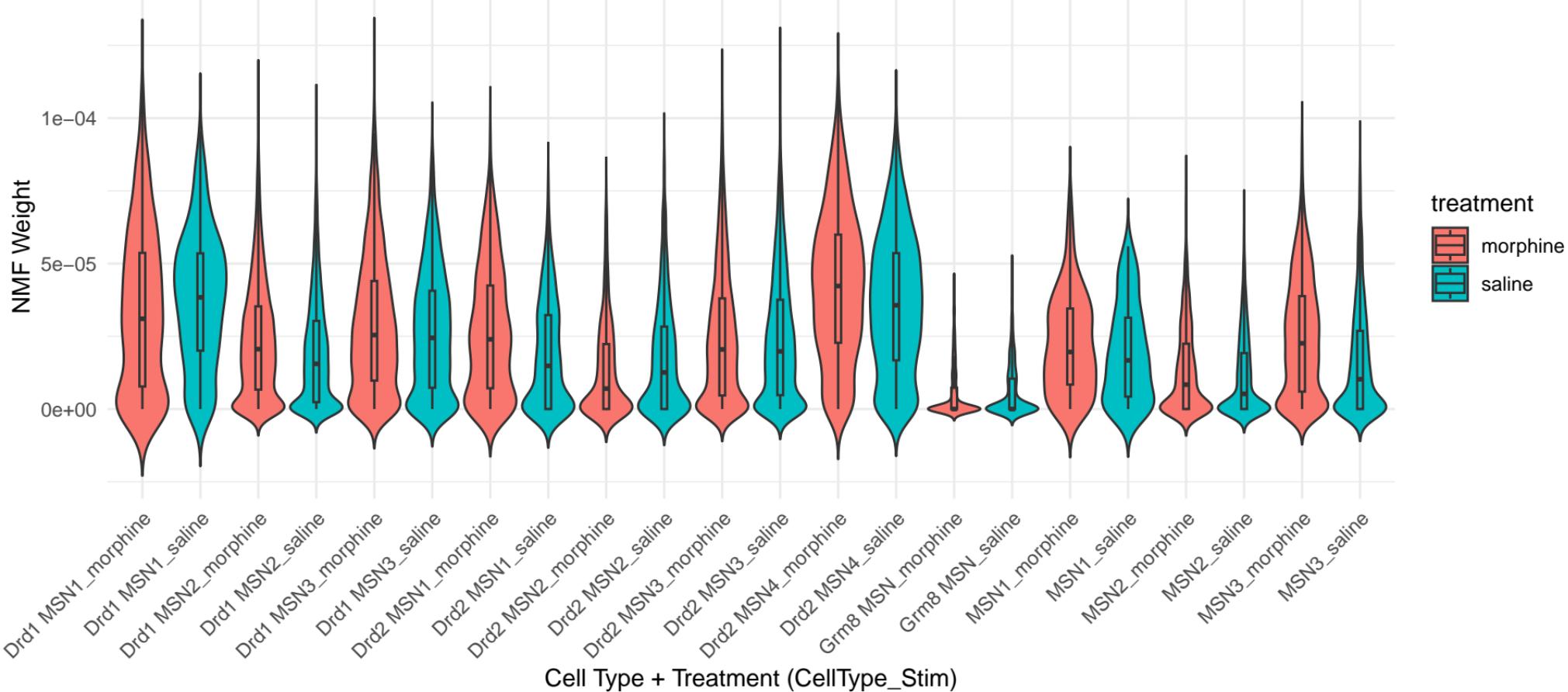
1e-04

0e+00



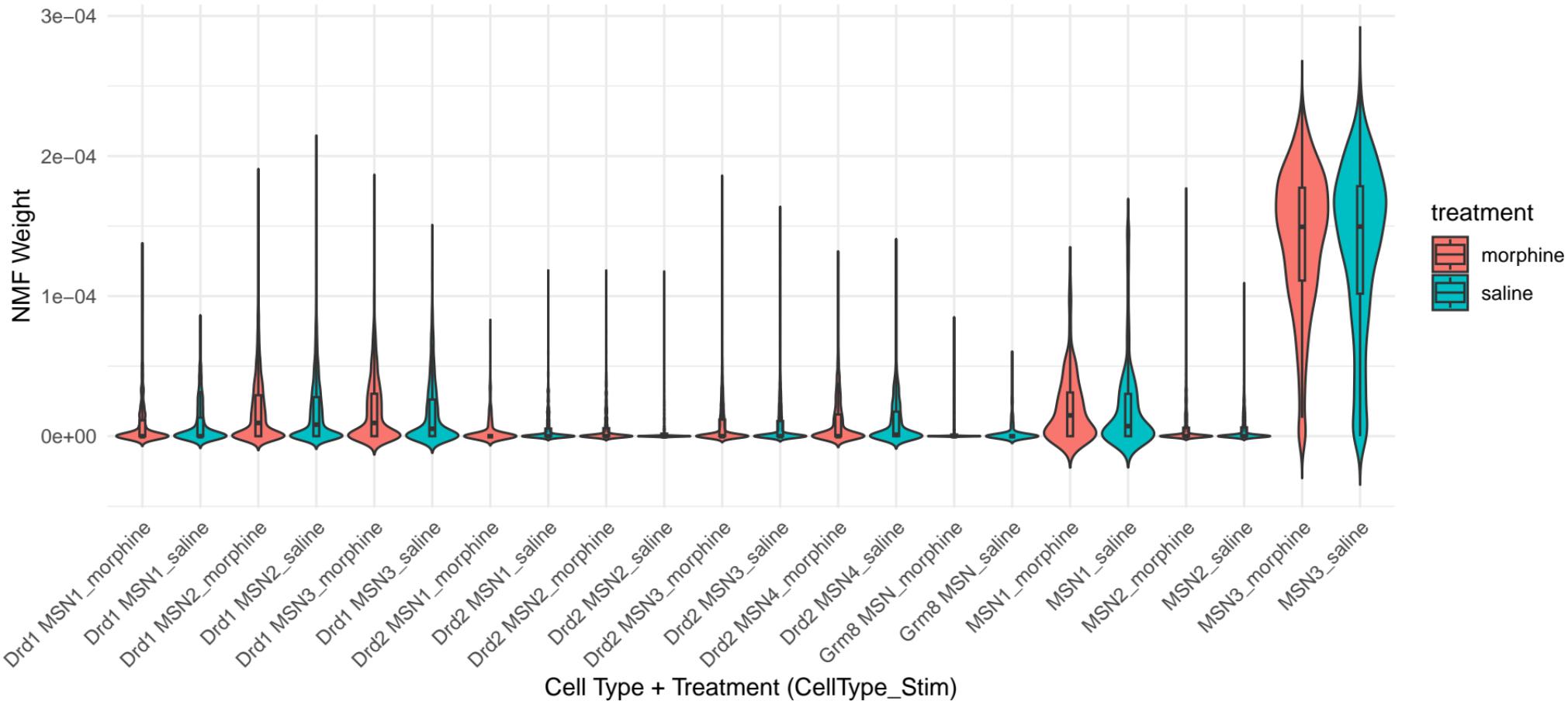
# NMF Component: nmf14

Not significant



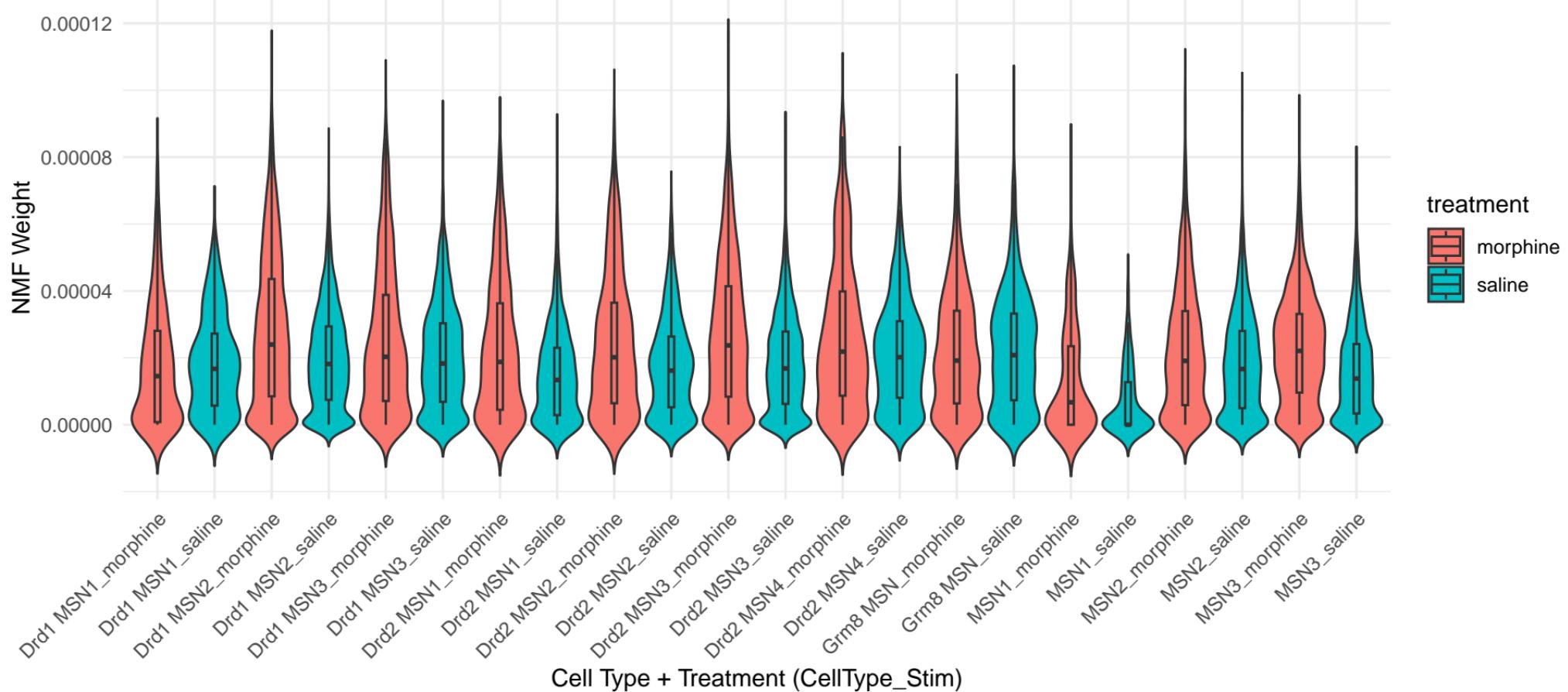
# NMF Component: nmf15

Not significant



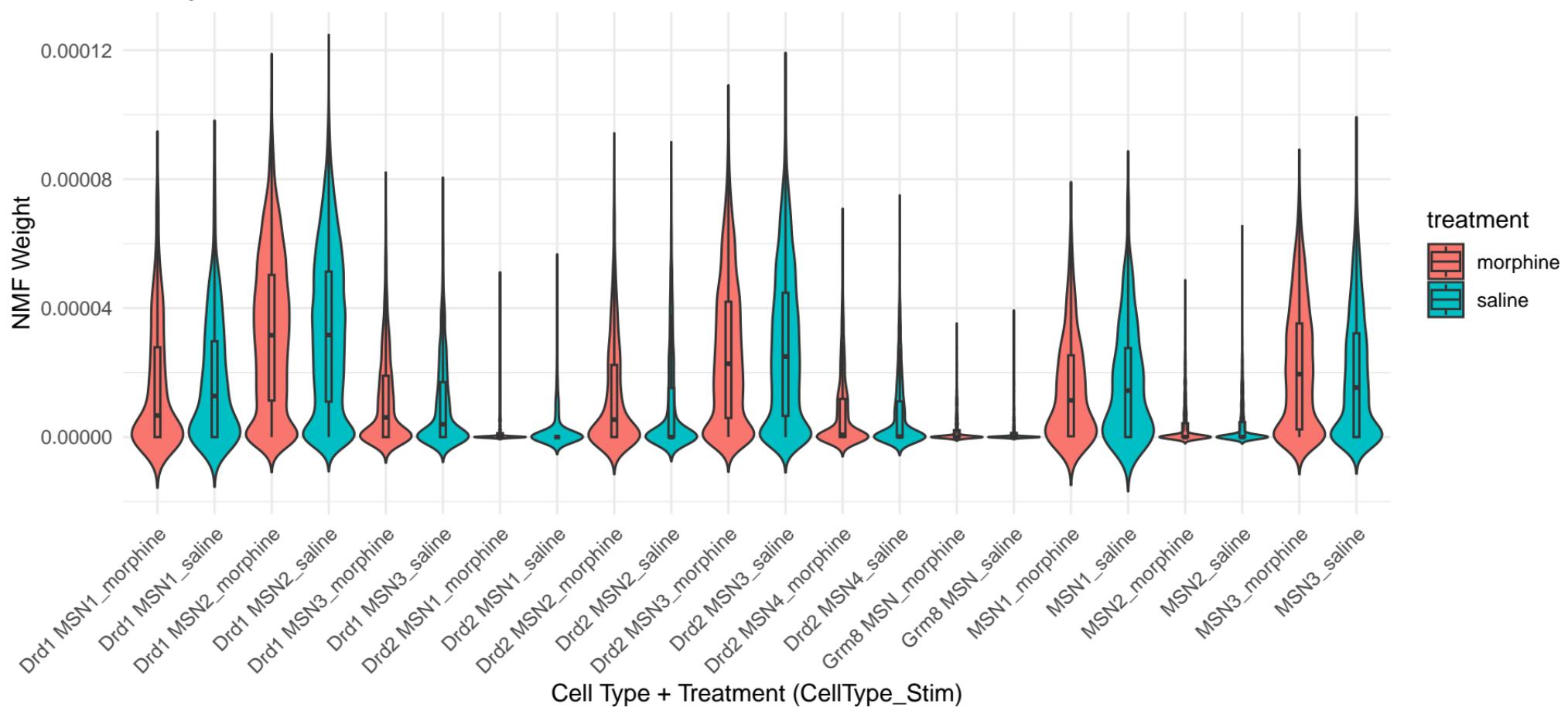
# NMF Component: nmf17

Not significant



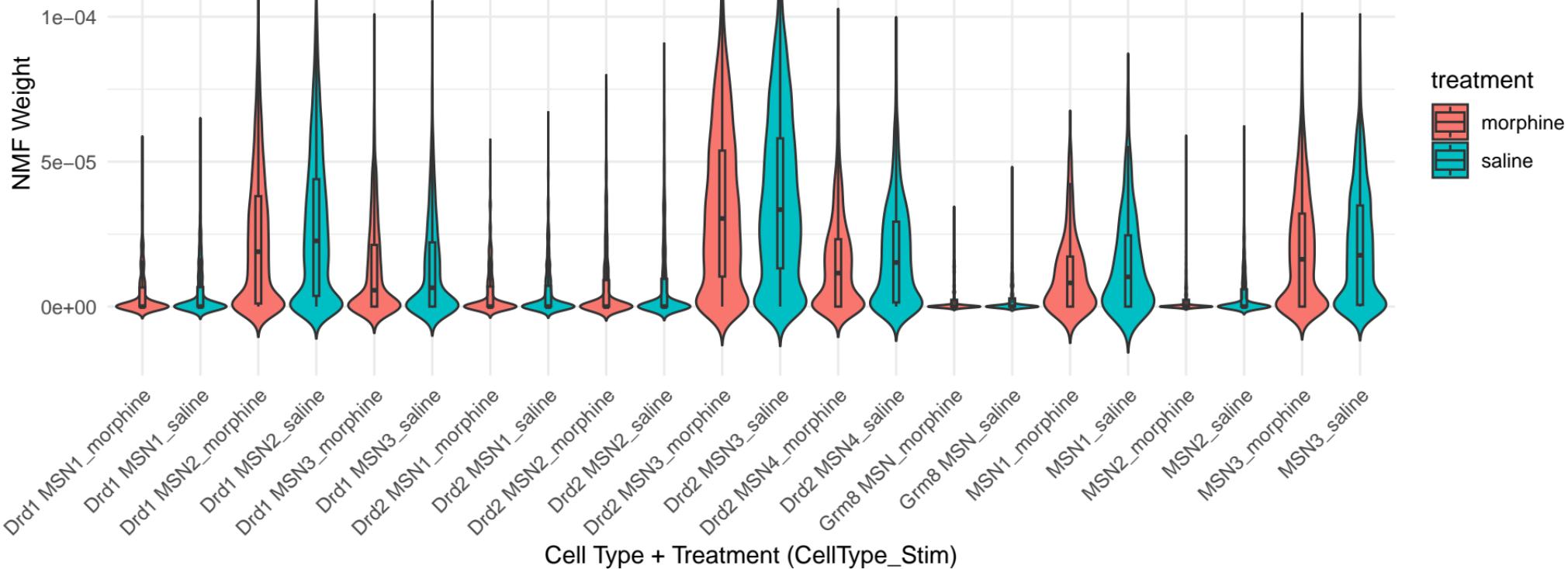
# NMF Component: nmf18

Not significant



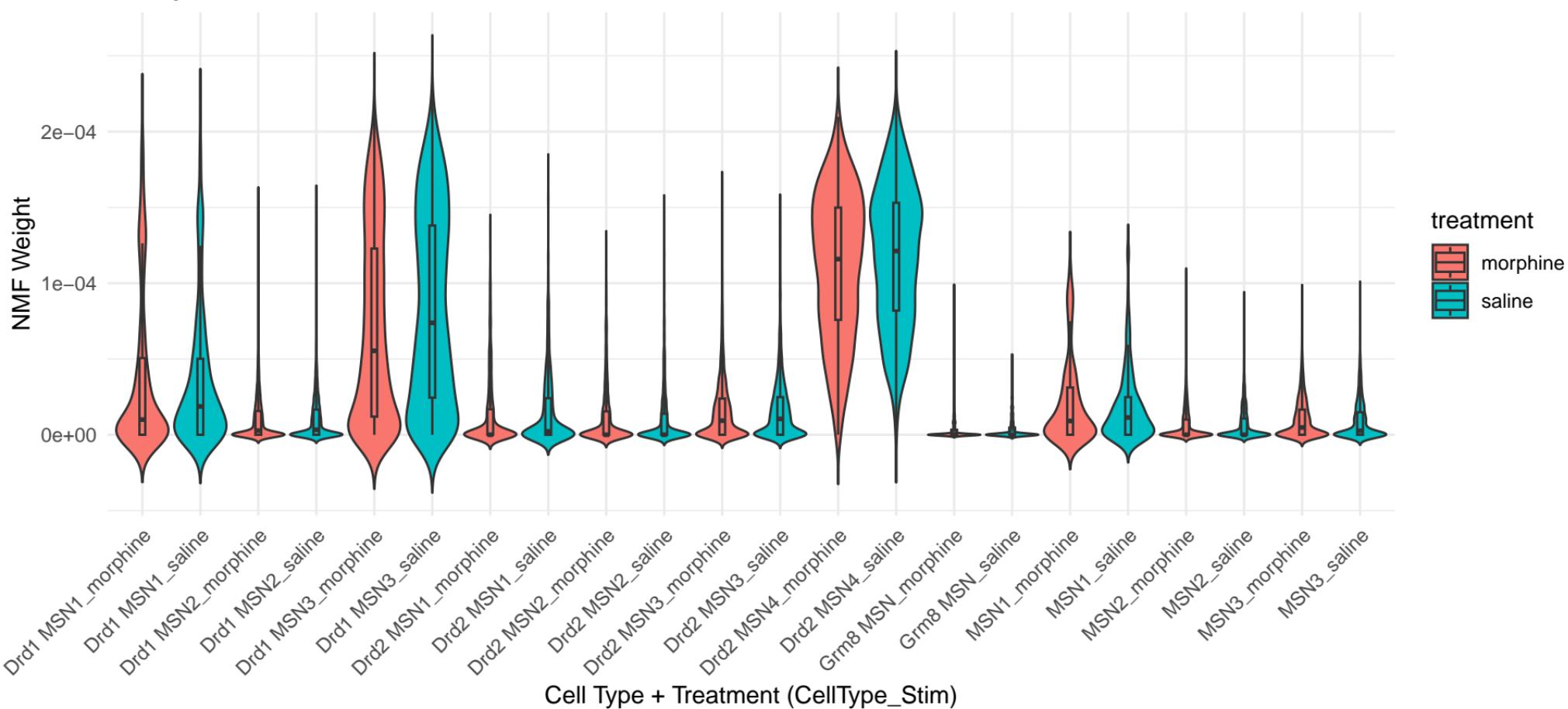
# NMF Component: nmf19

Not significant



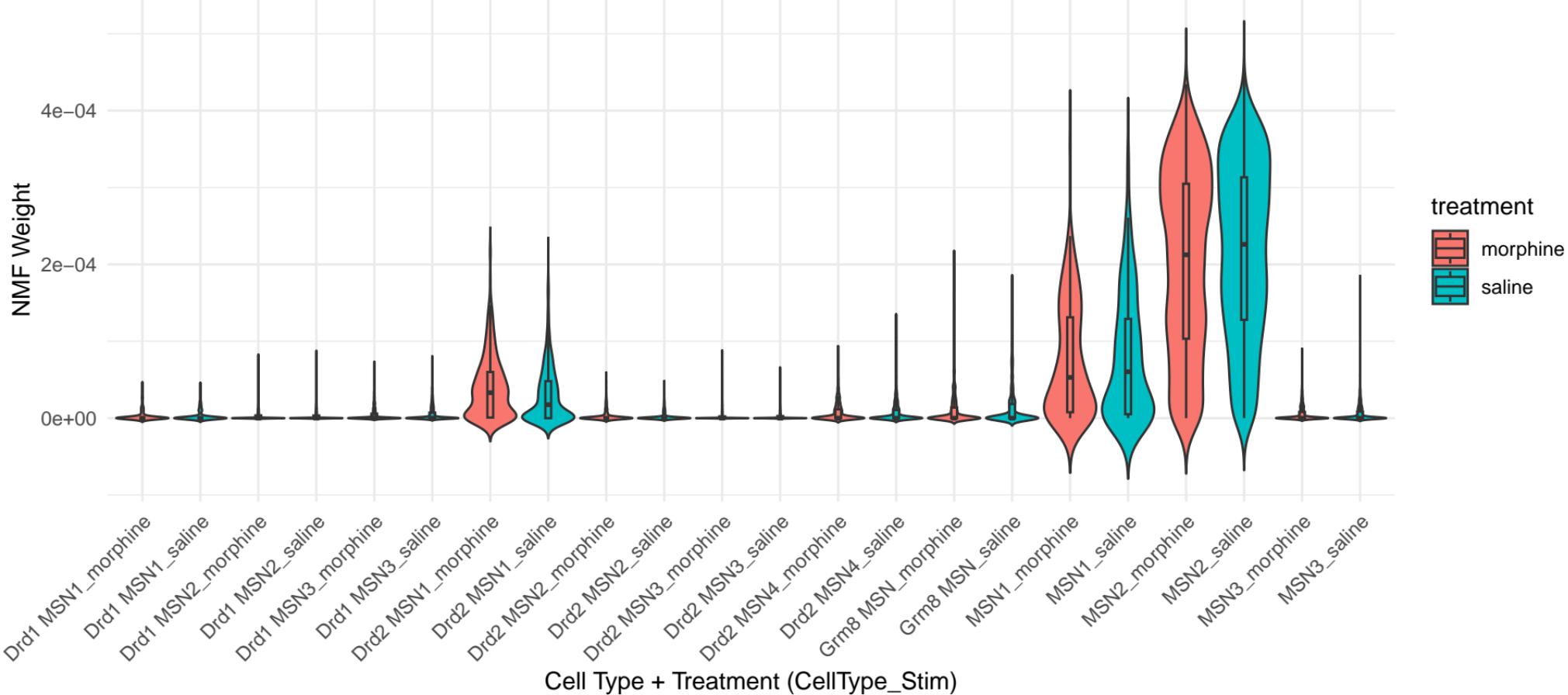
# NMF Component: nmf20

Not significant



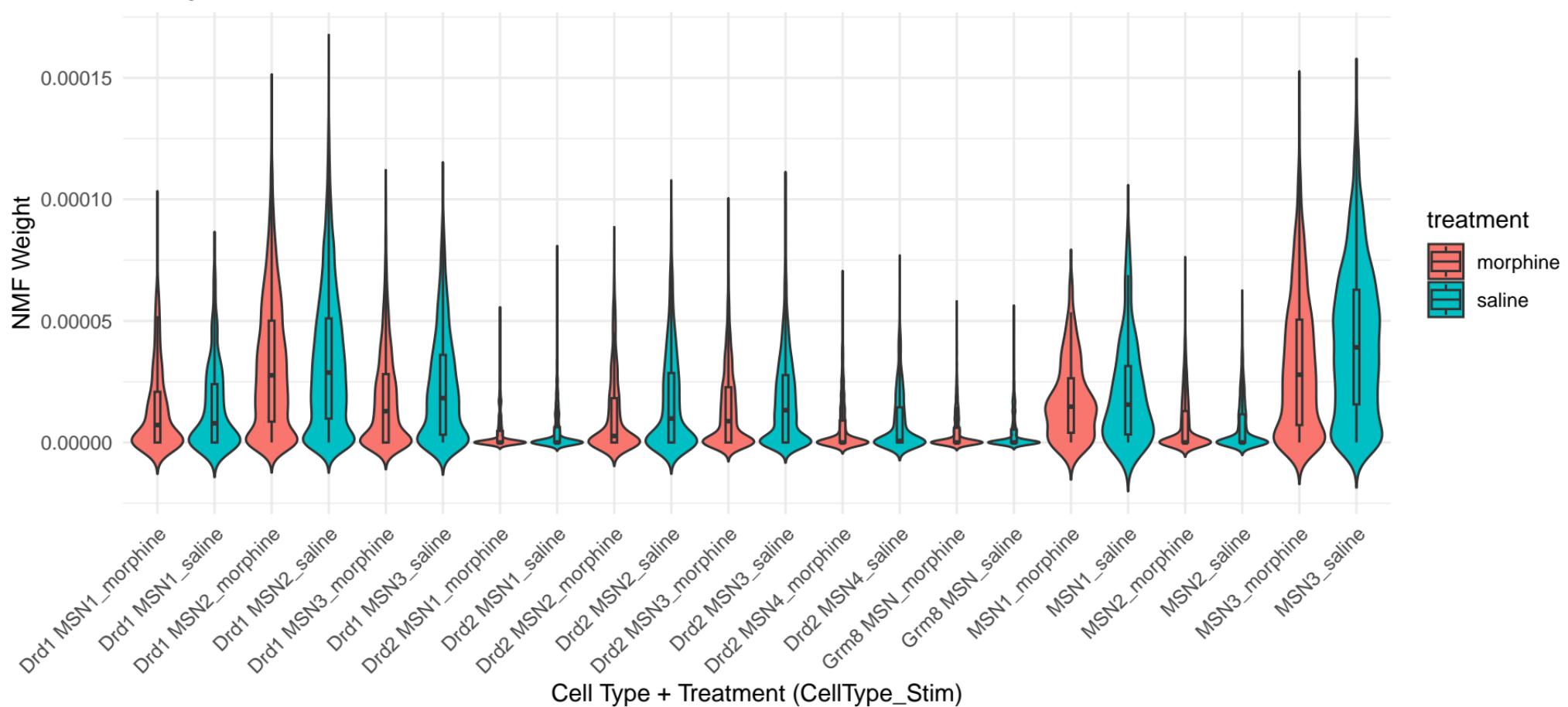
# NMF Component: nmf21

Not significant



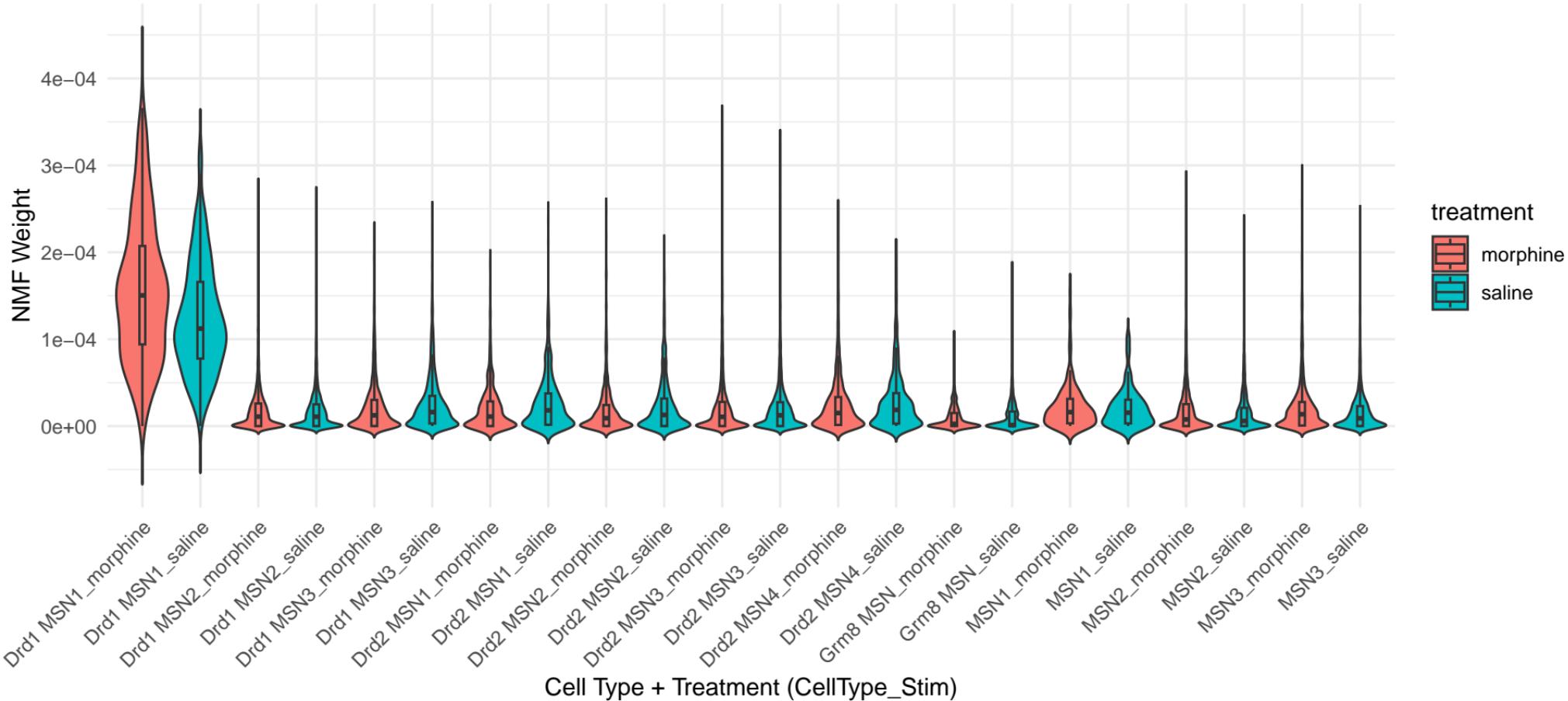
# NMF Component: nmf23

Not significant



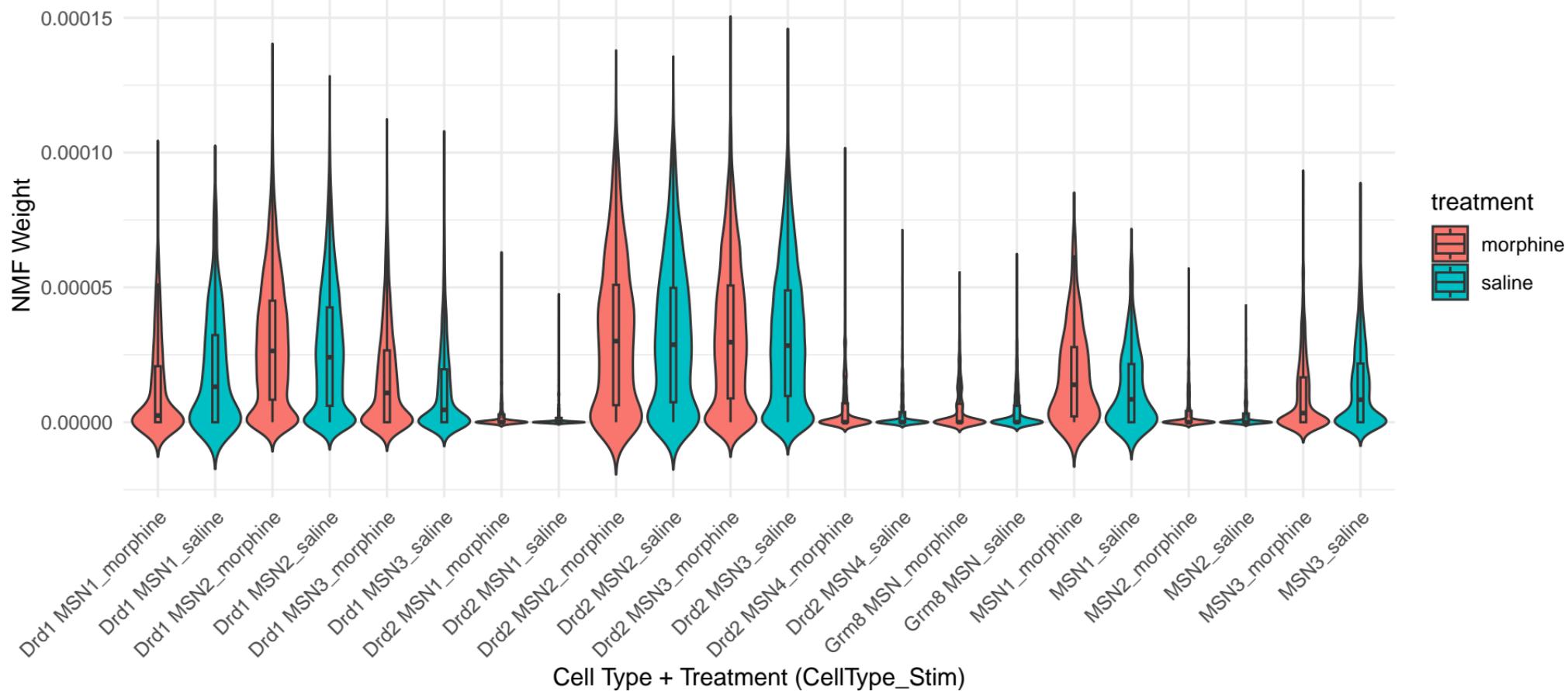
# NMF Component: nmf25

Not significant



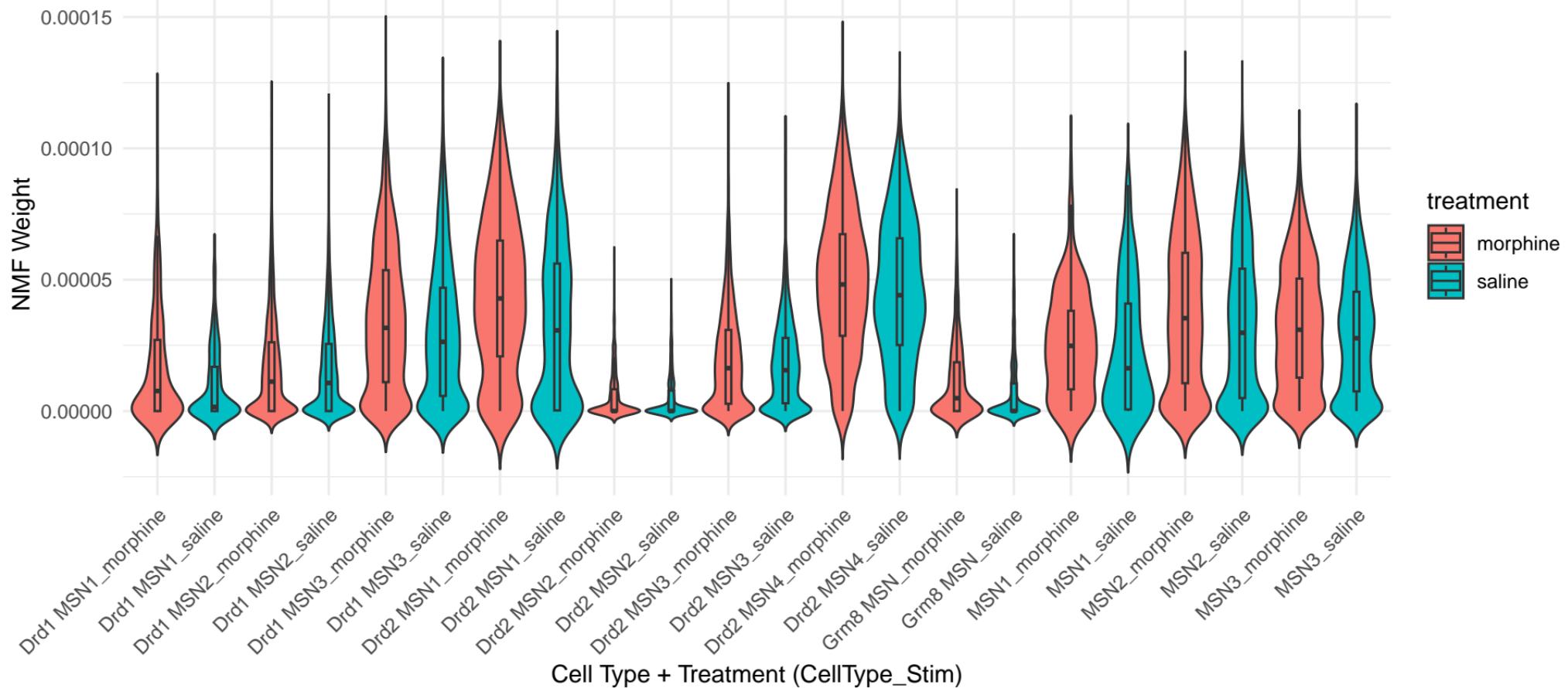
# NMF Component: nmf26

Not significant



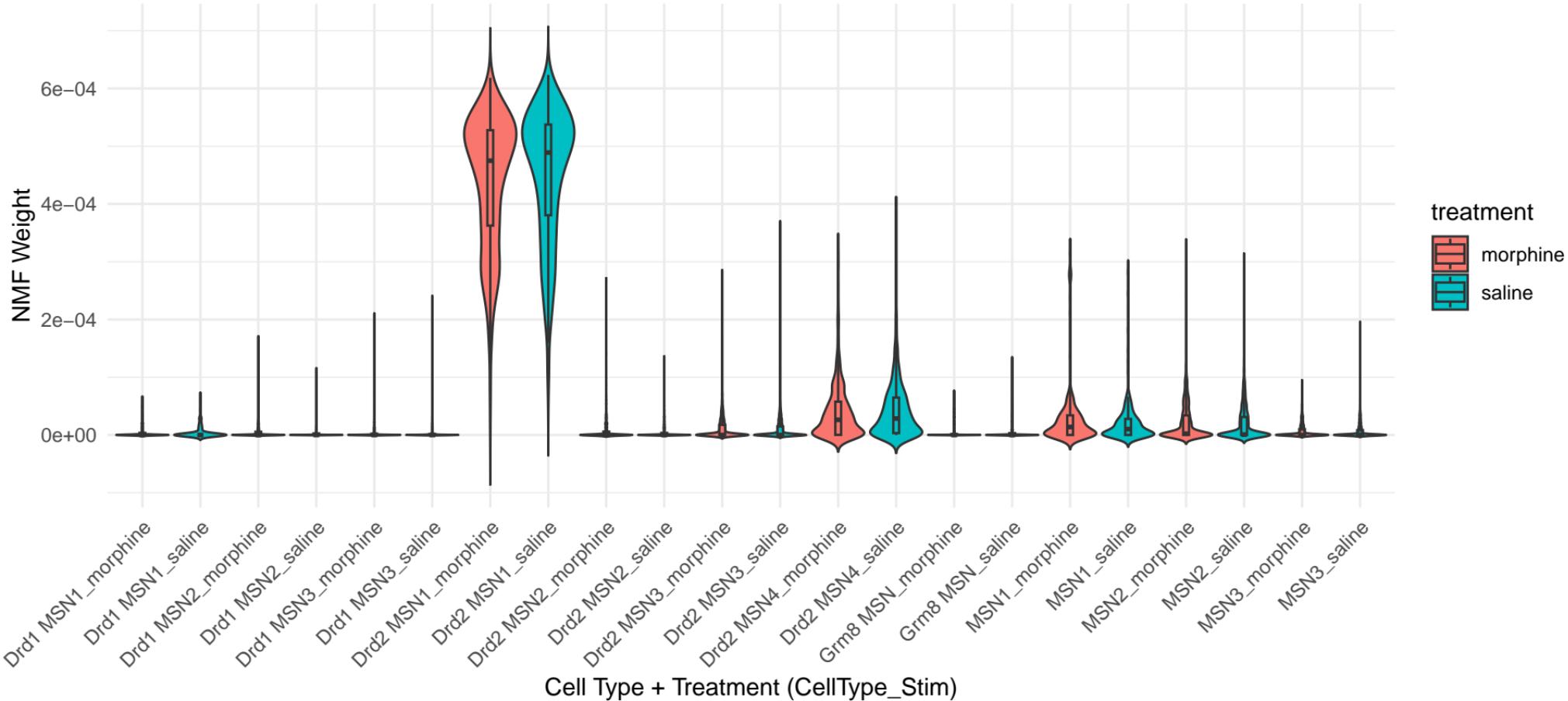
# NMF Component: nmf27

Not significant



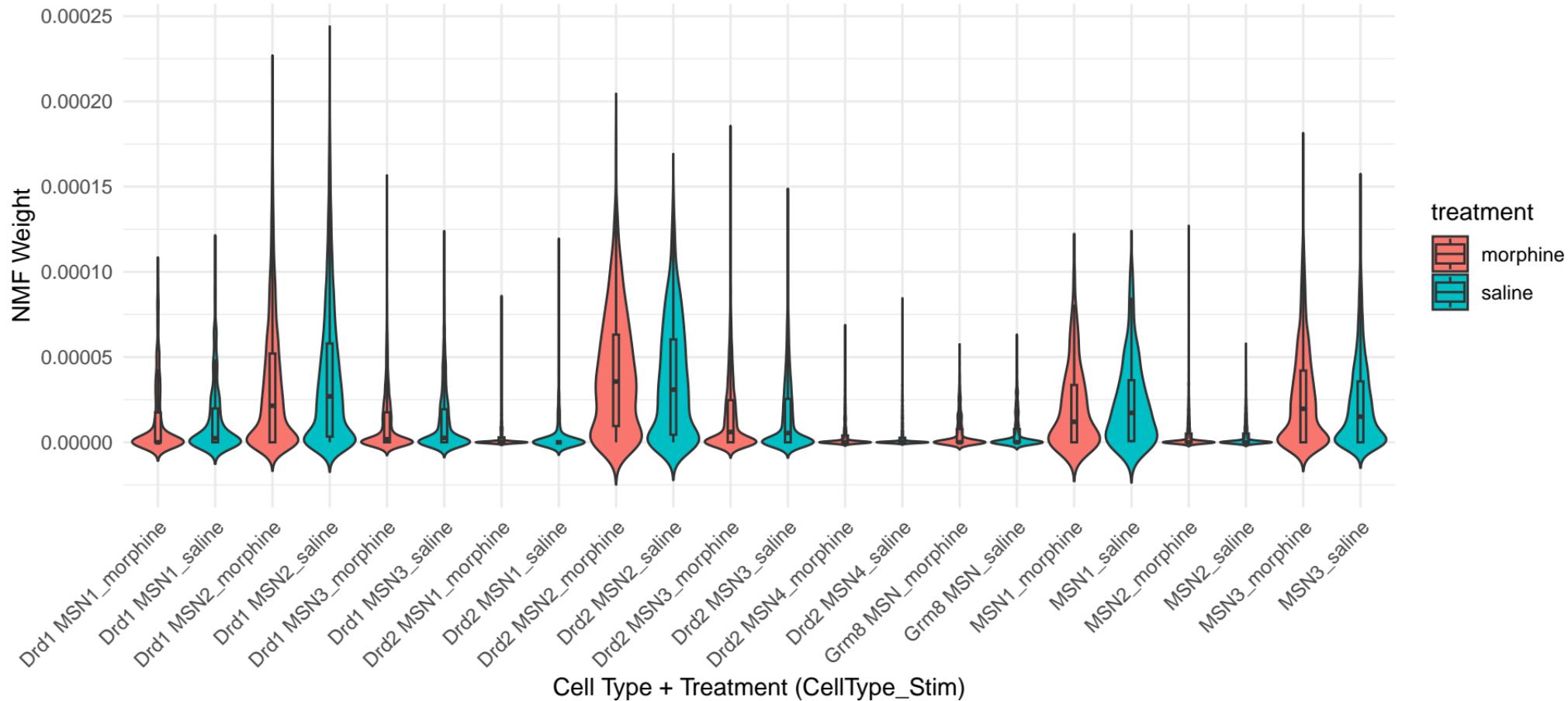
# NMF Component: nmf28

Not significant



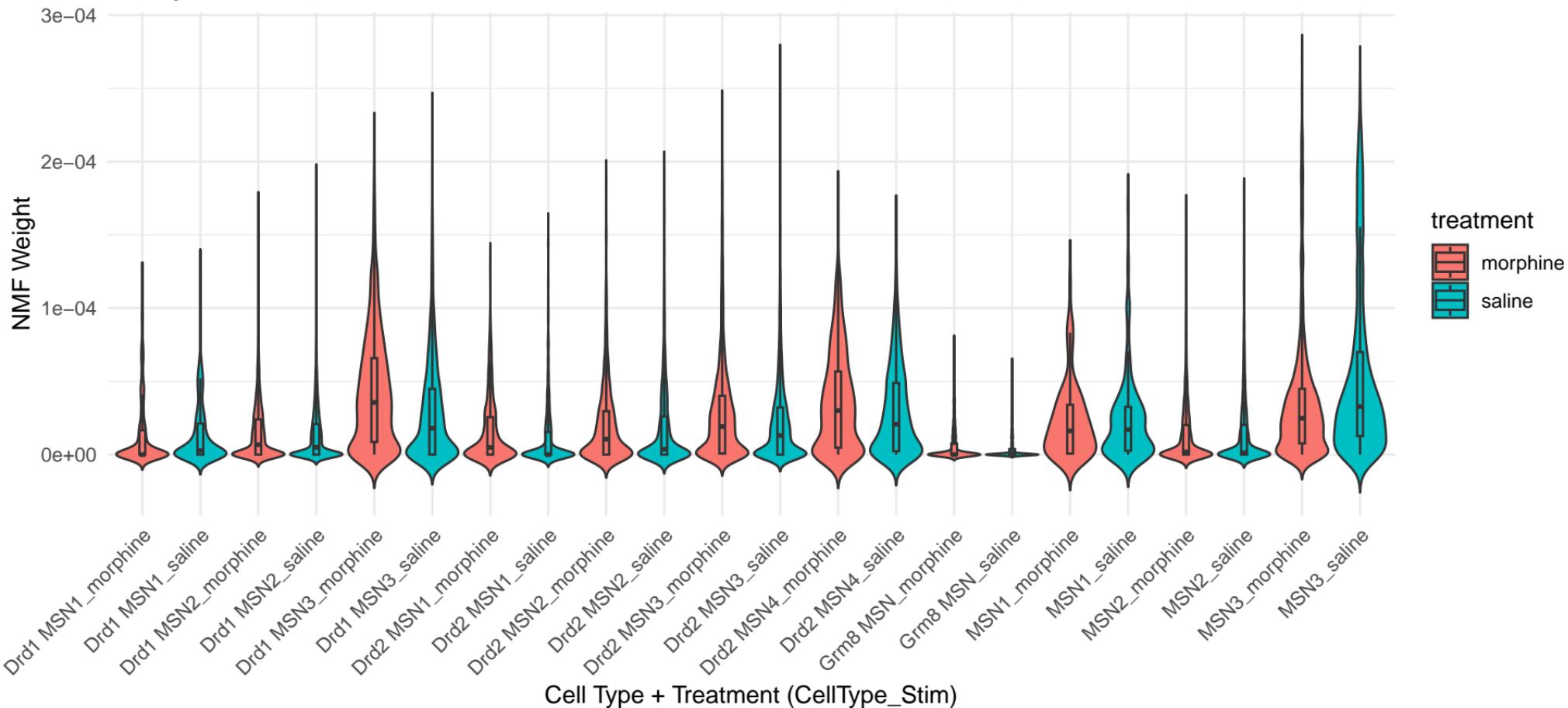
# NMF Component: nmf29

Not significant



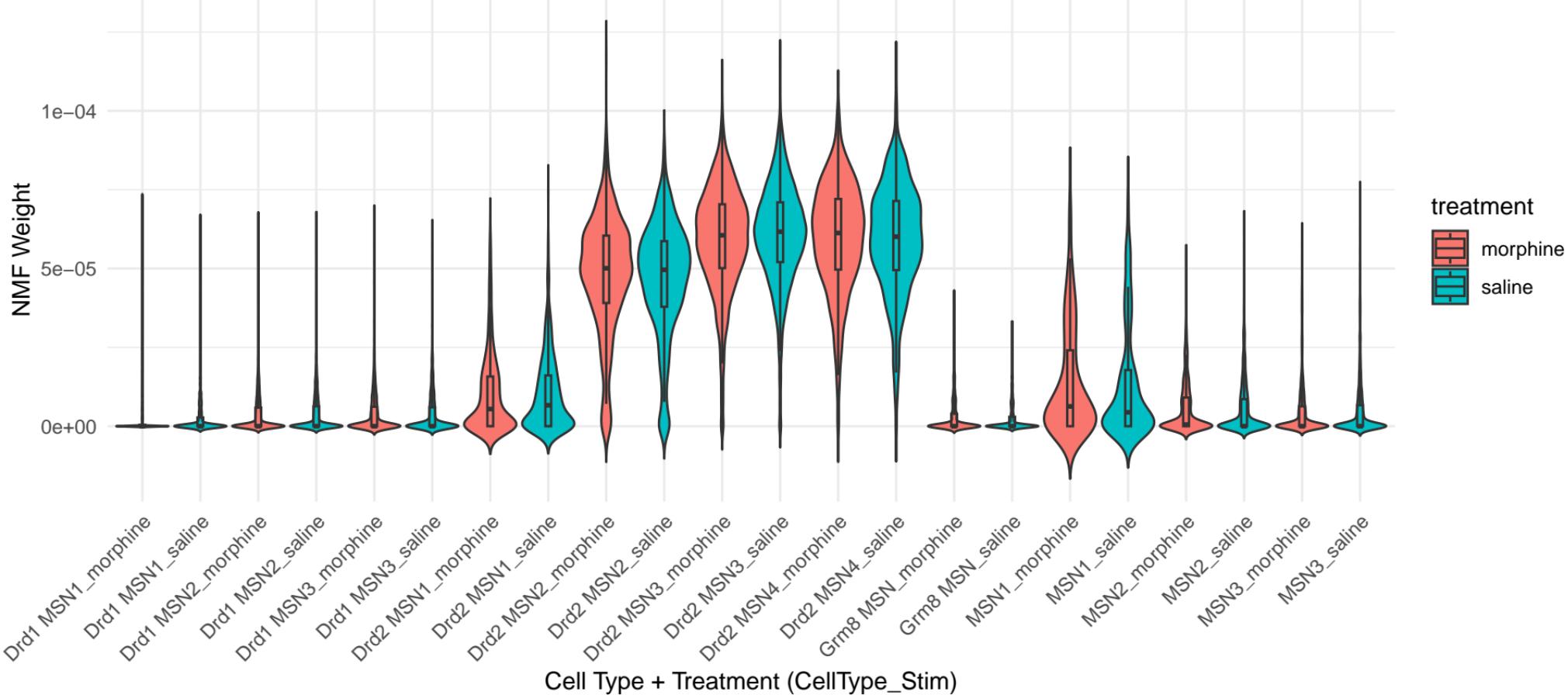
# NMF Component: nmf31

Not significant



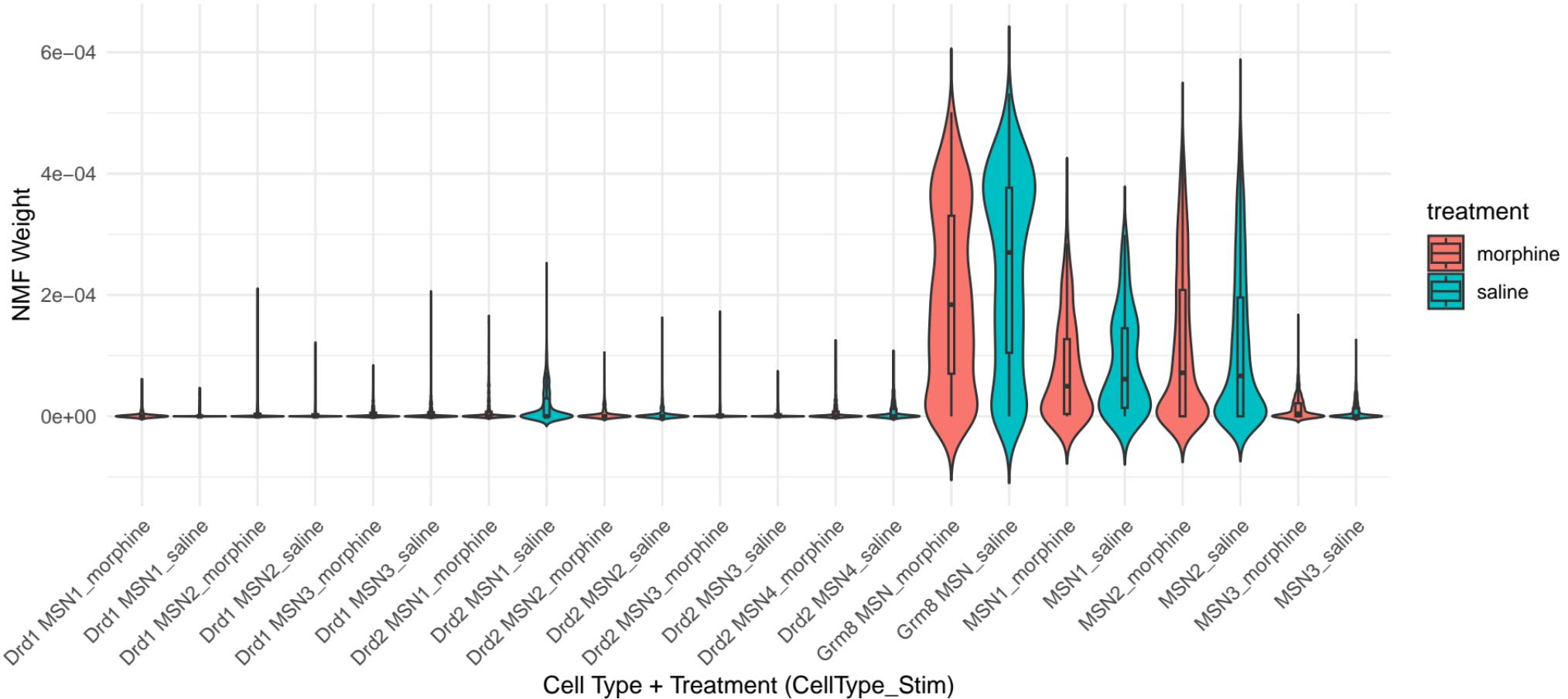
# NMF Component: nmf32

Not significant



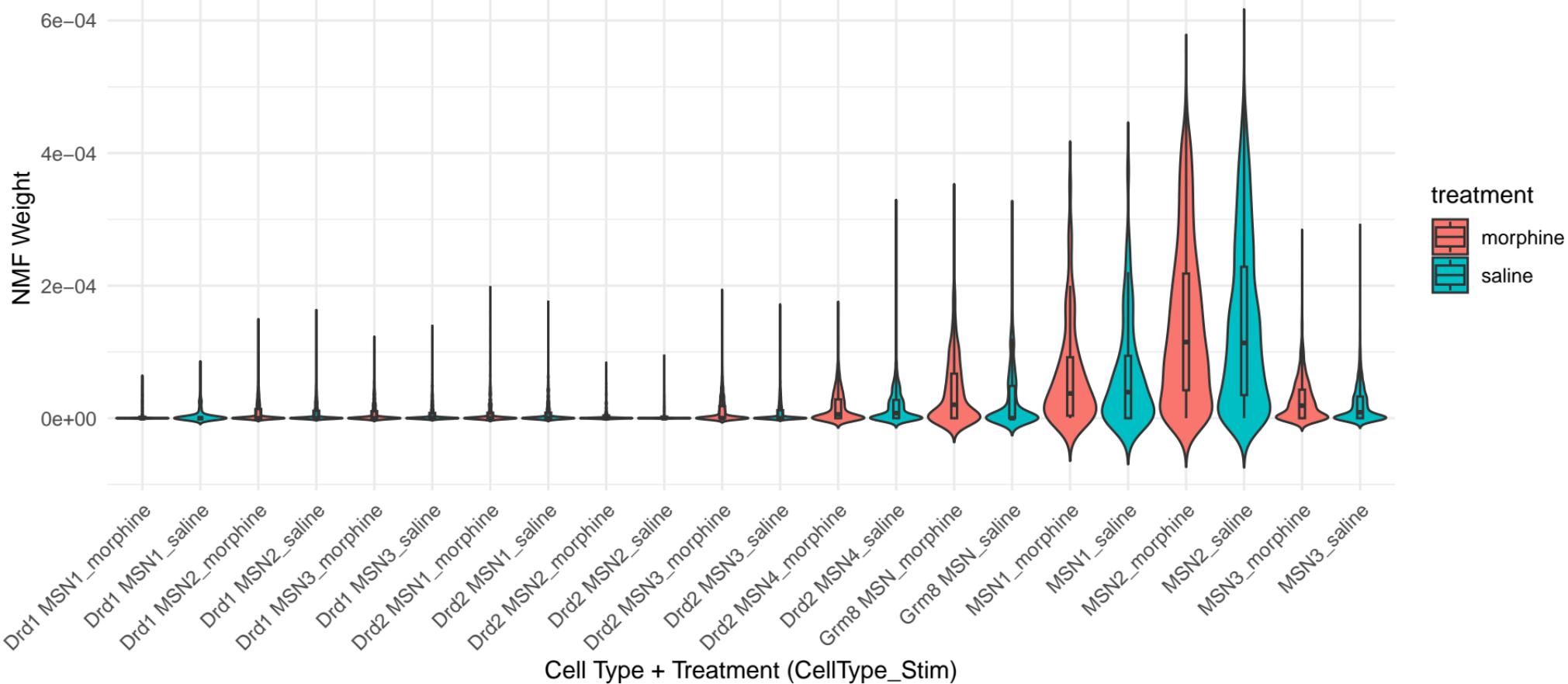
# NMF Component: nmf33

Not significant



# NMF Component: nmf34

Not significant



# NMF Component: nmf35

Not significant

NMF Weight

0.00015

0.00010

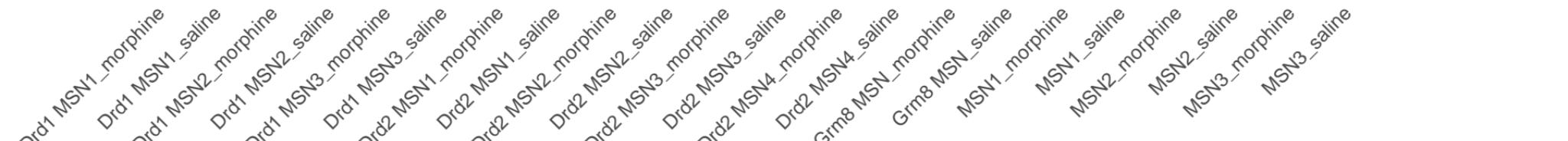
0.00005

0.00000

treatment

morphine

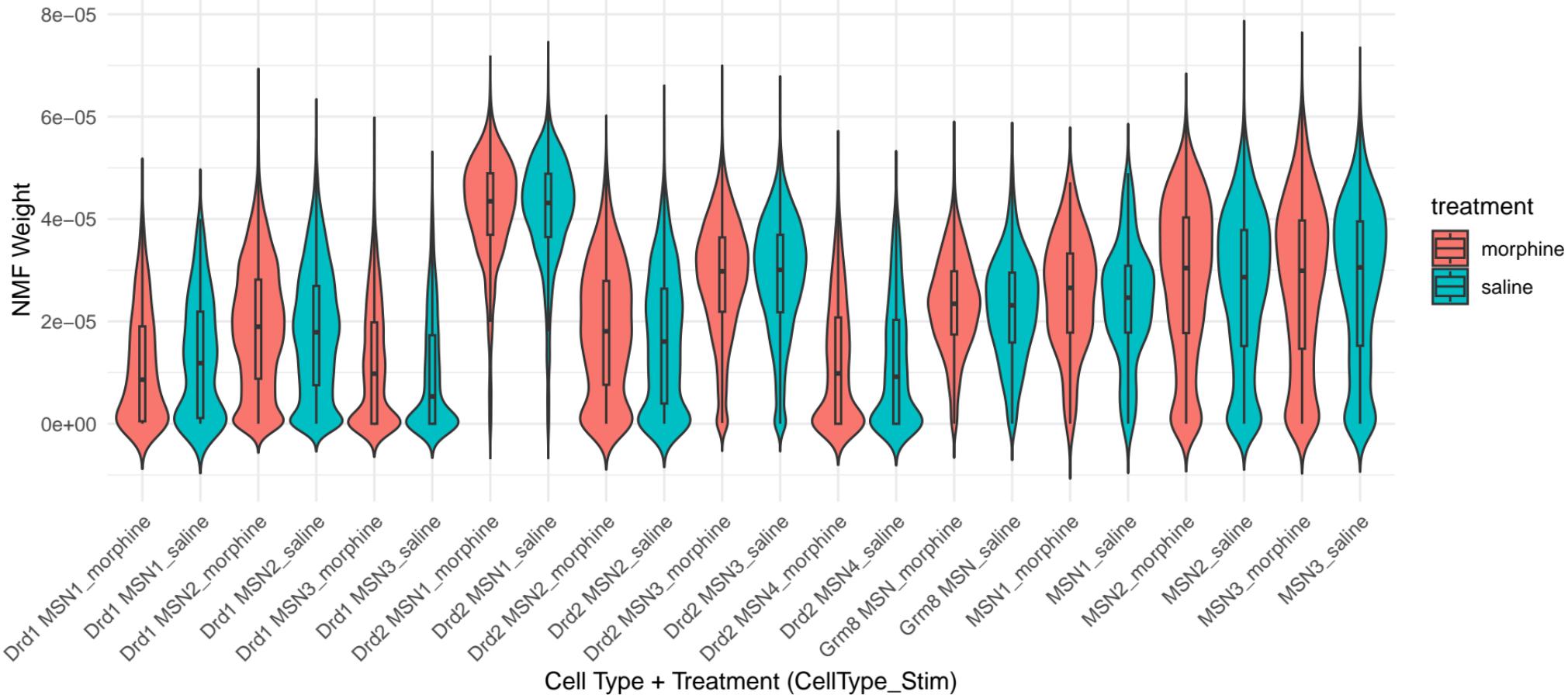
saline



Cell Type + Treatment (CellType\_Stim)

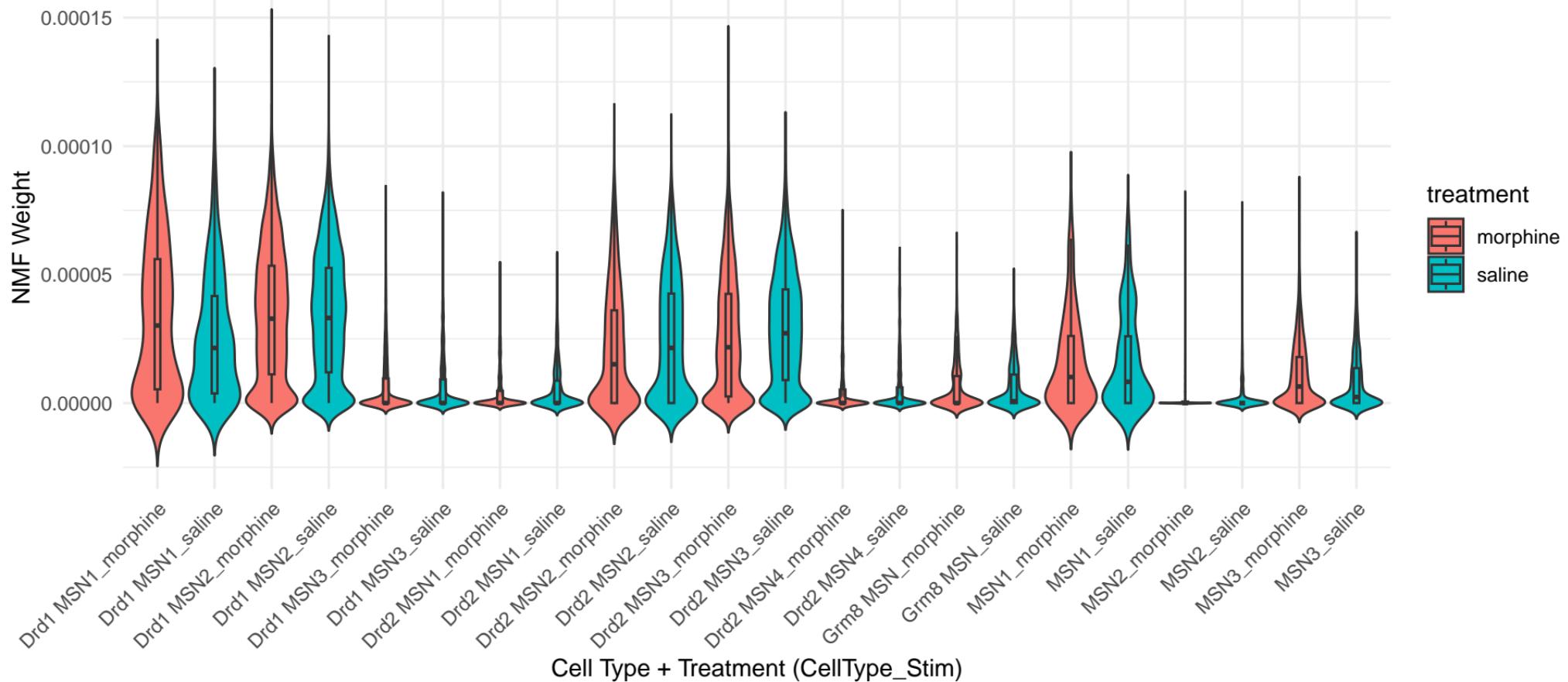
# NMF Component: nmf36

Not significant



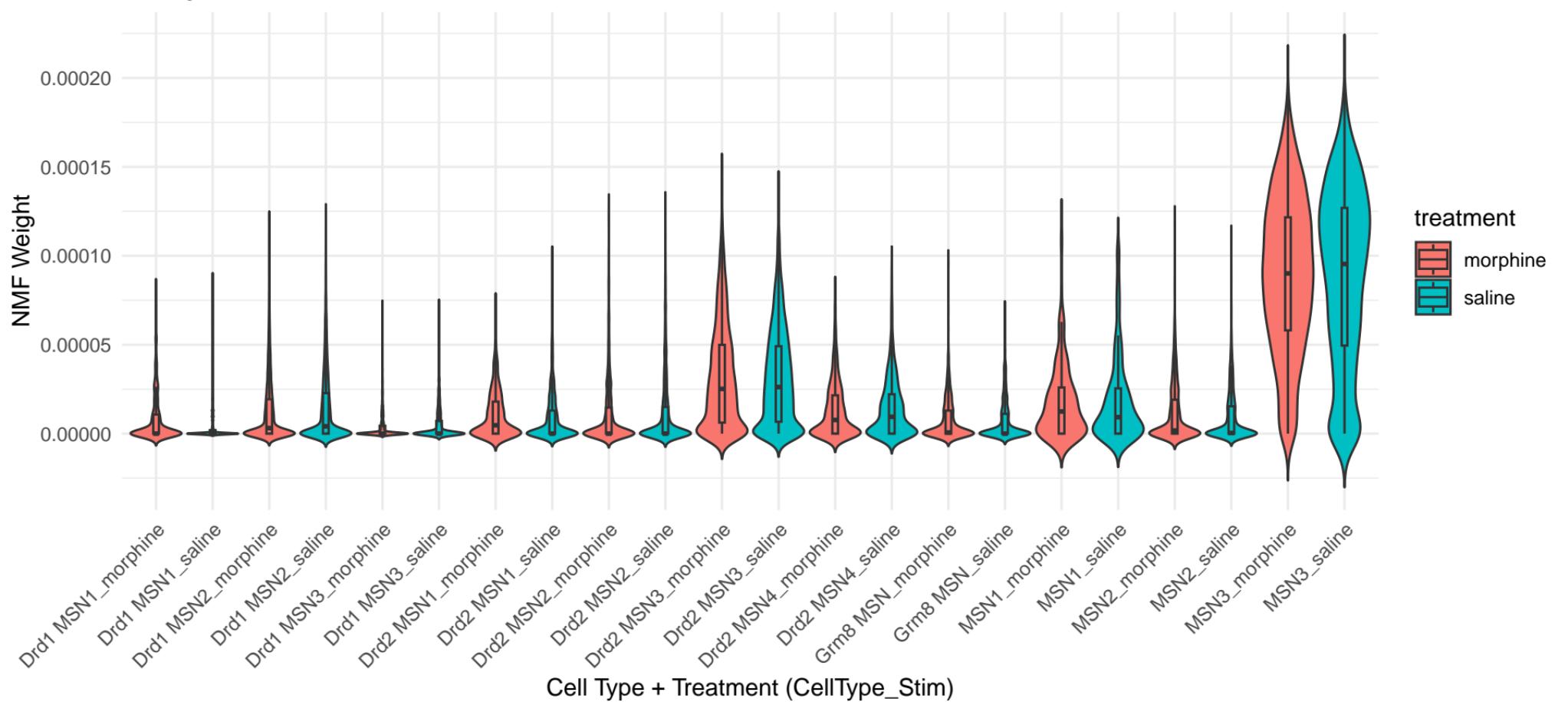
# NMF Component: nmf37

Not significant



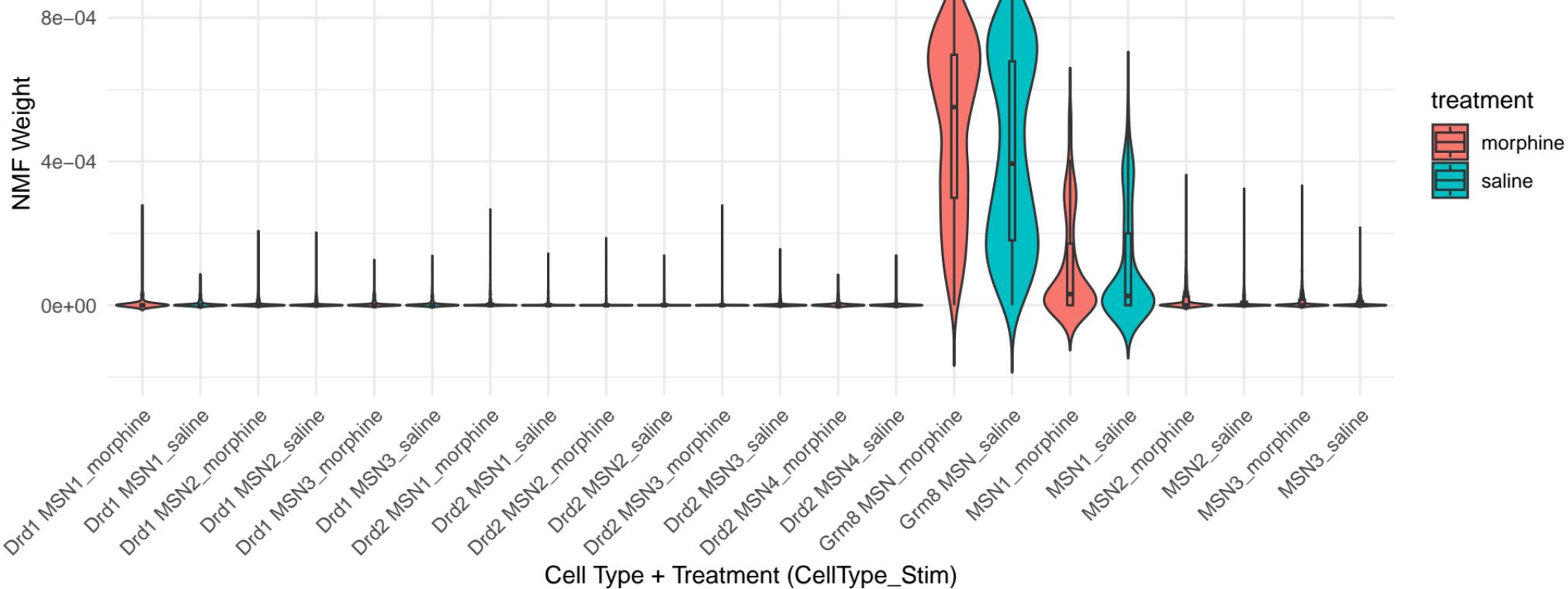
# NMF Component: nmf38

Not significant



# NMF Component: nmf39

Not significant



# NMF Component: nmf40

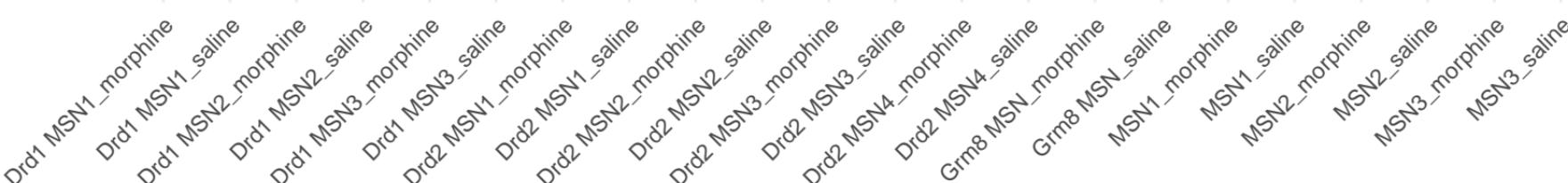
Not significant

NMF Weight

1e-04

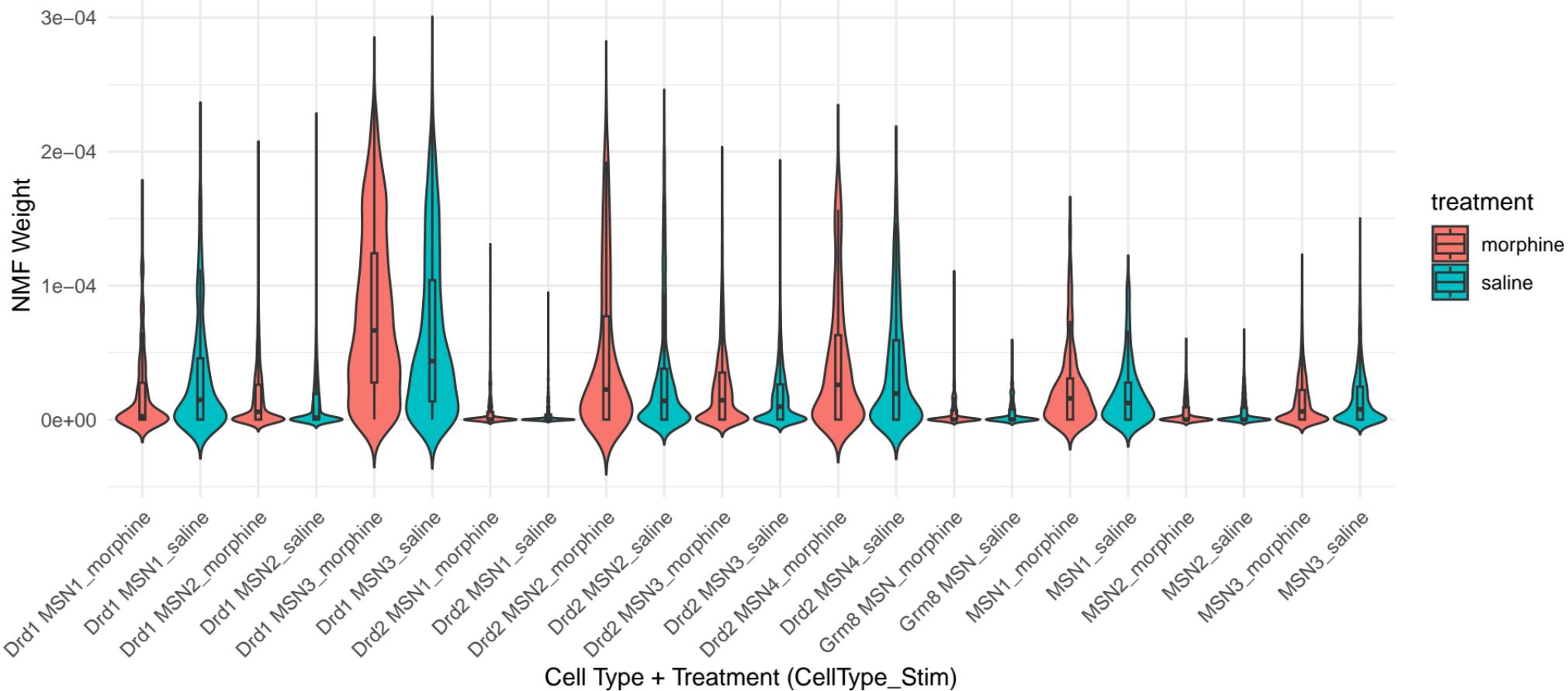
5e-05

0e+00



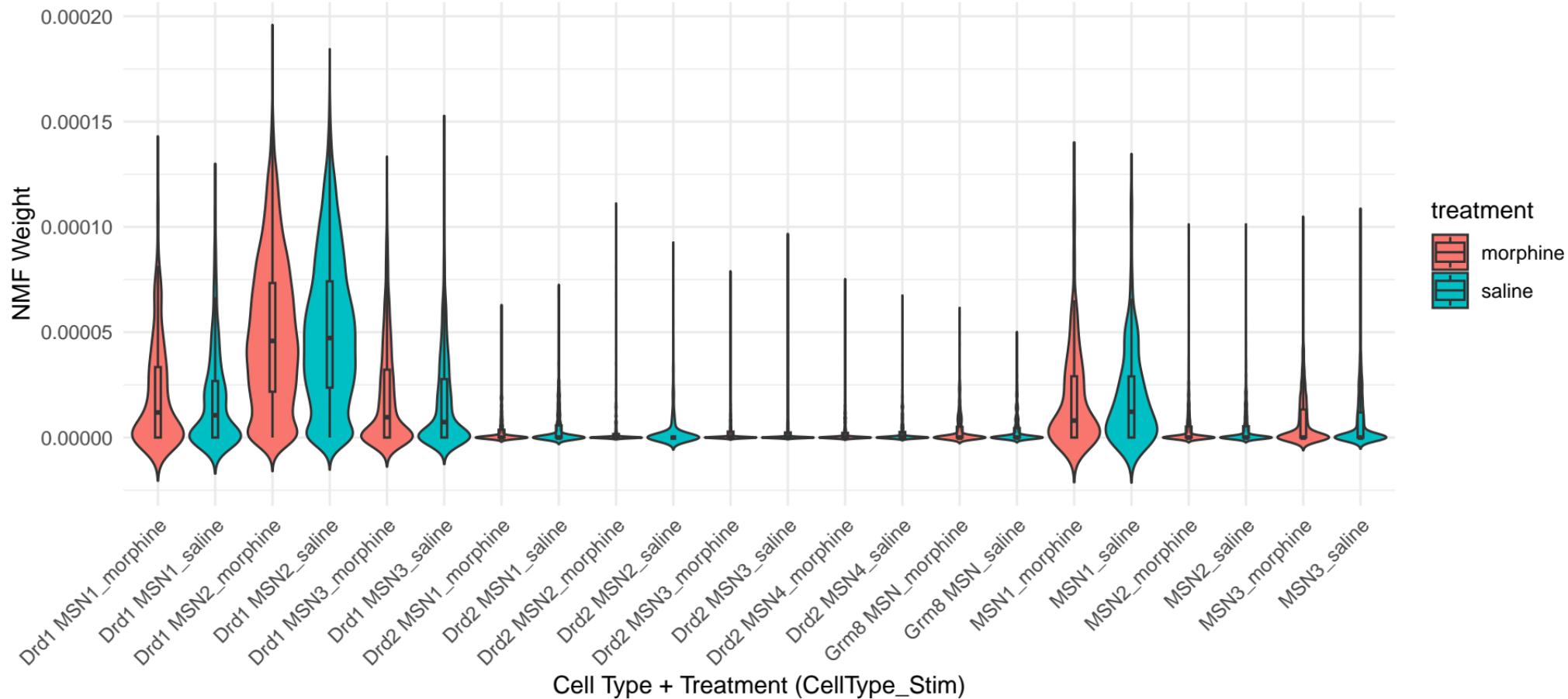
# NMF Component: nmf41

Not significant



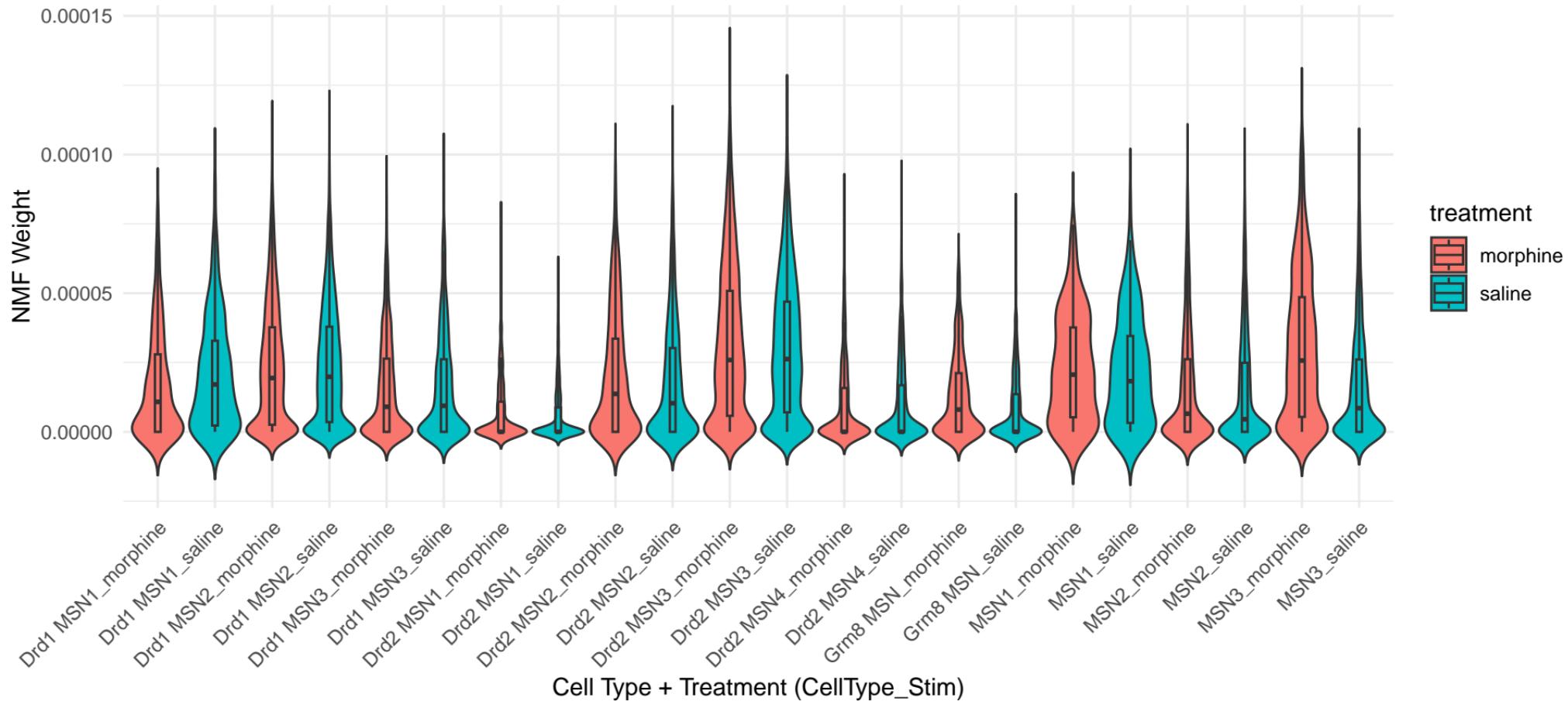
## NMF Component: nmf42

Not significant



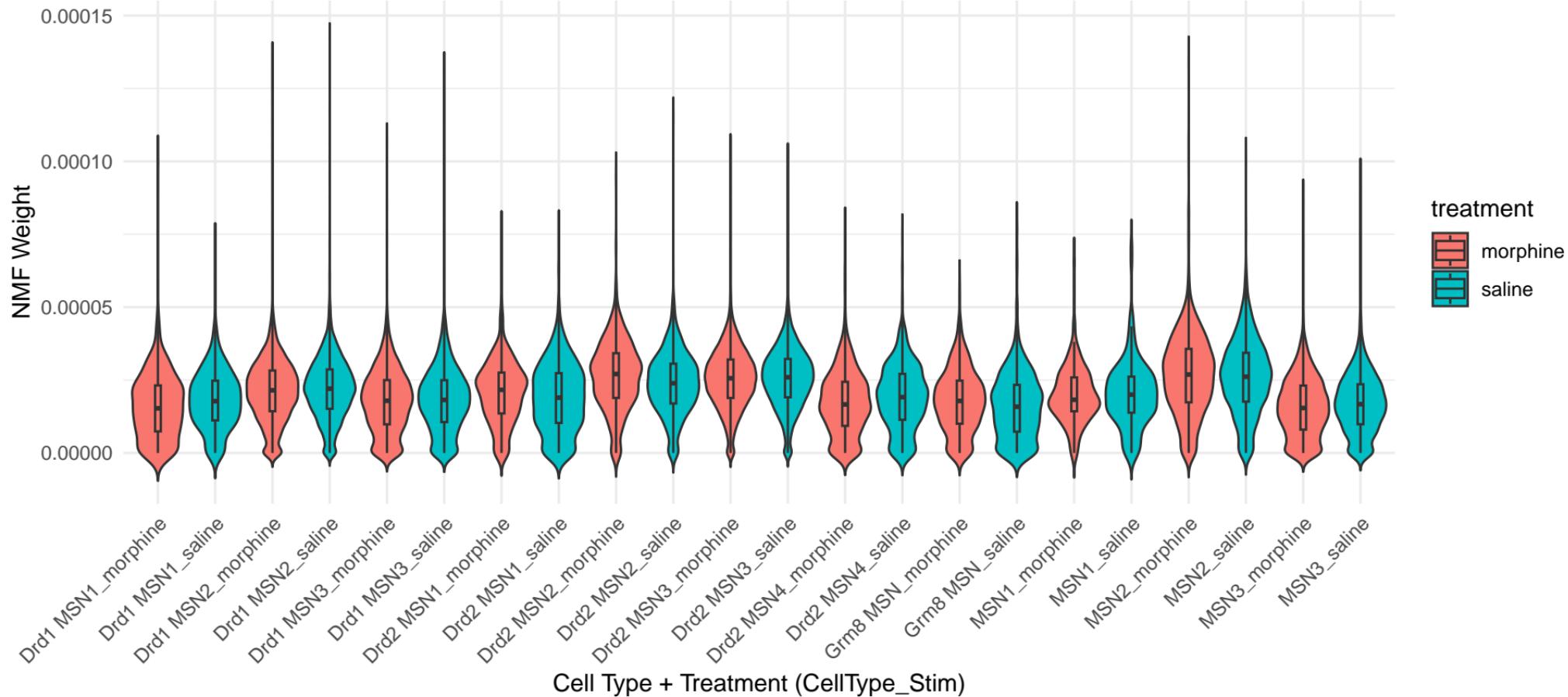
# NMF Component: nmf43

Not significant



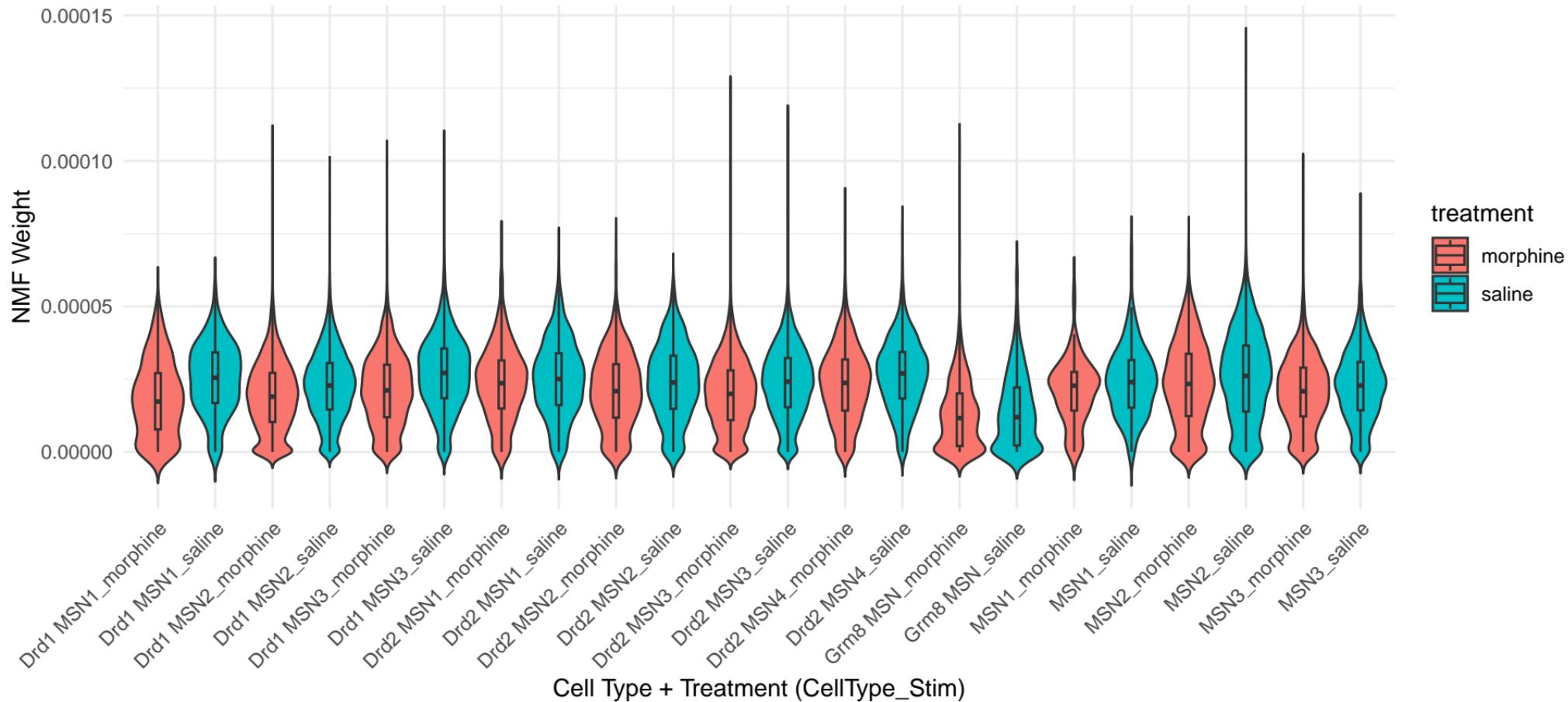
# NMF Component: nmf44

Not significant



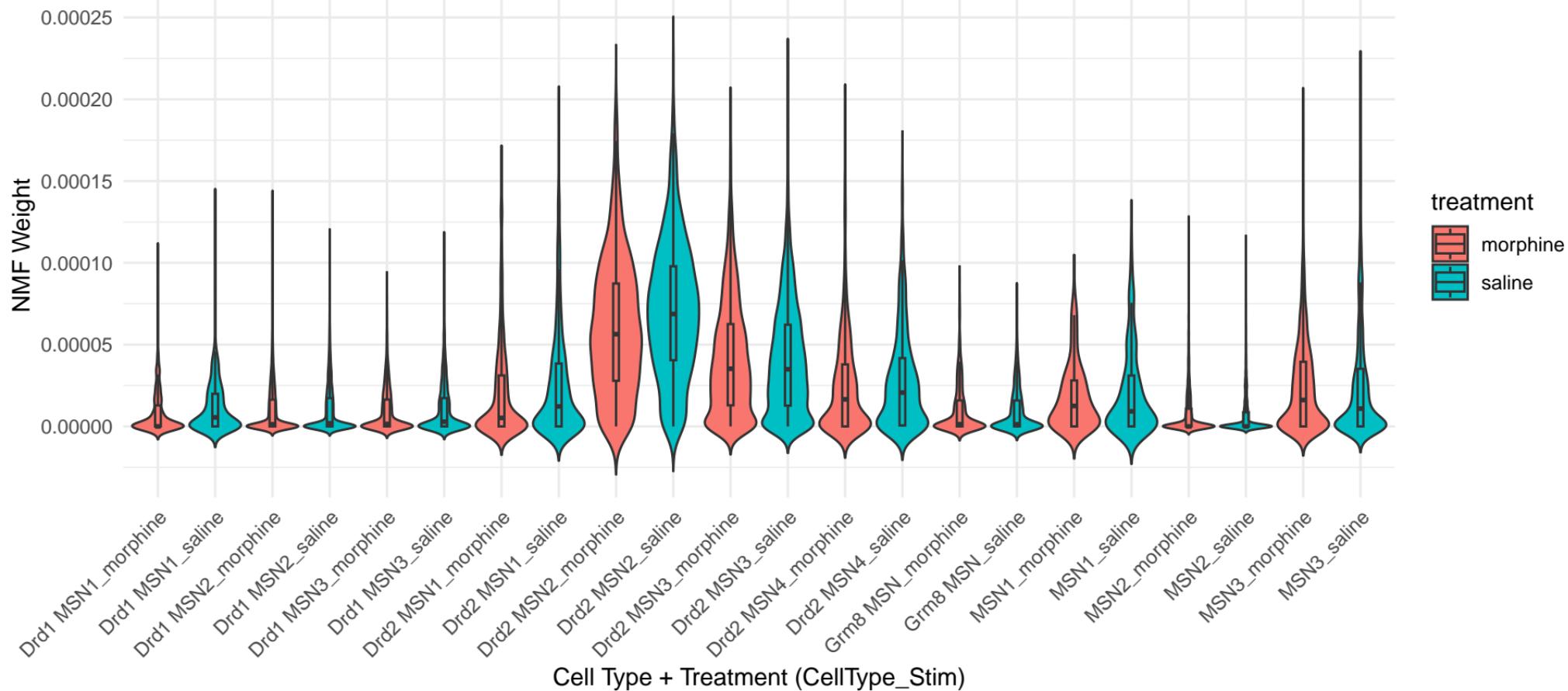
# NMF Component: nmf45

Not significant



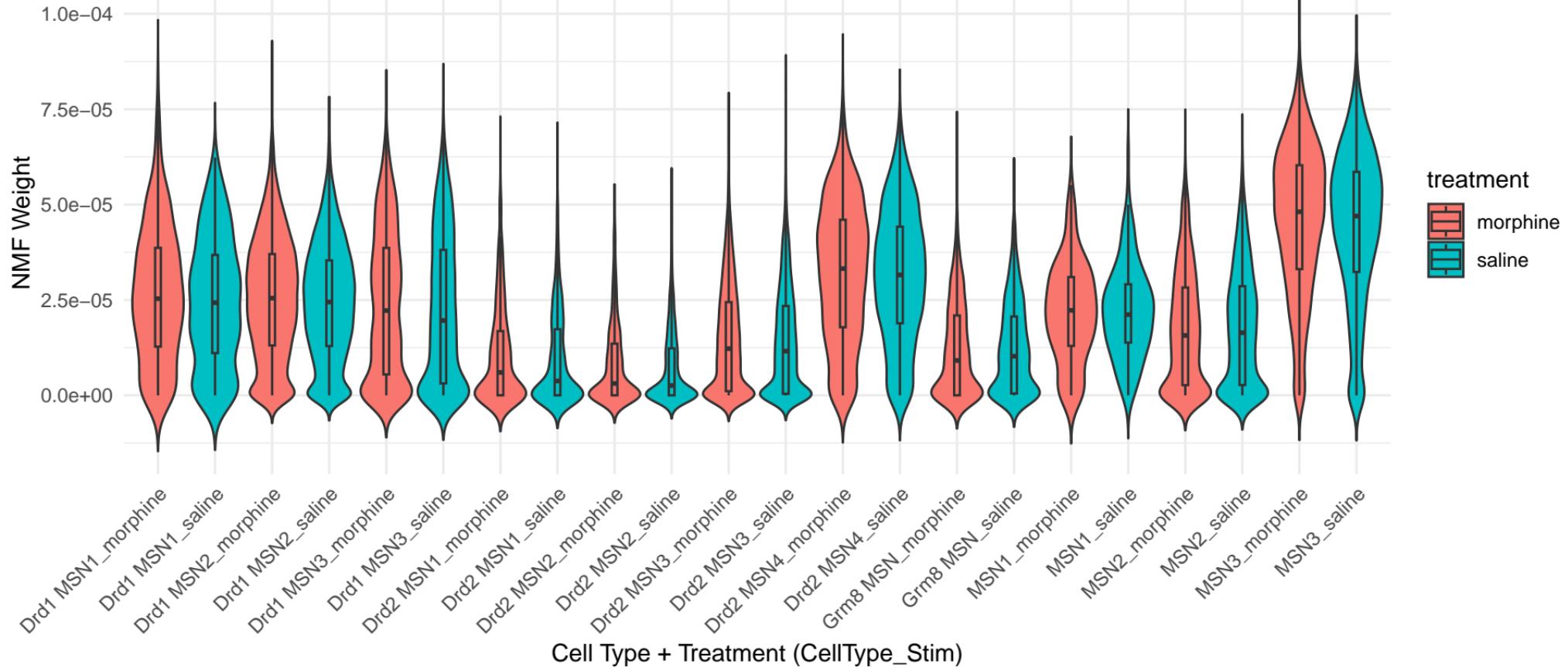
# NMF Component: nmf46

Not significant



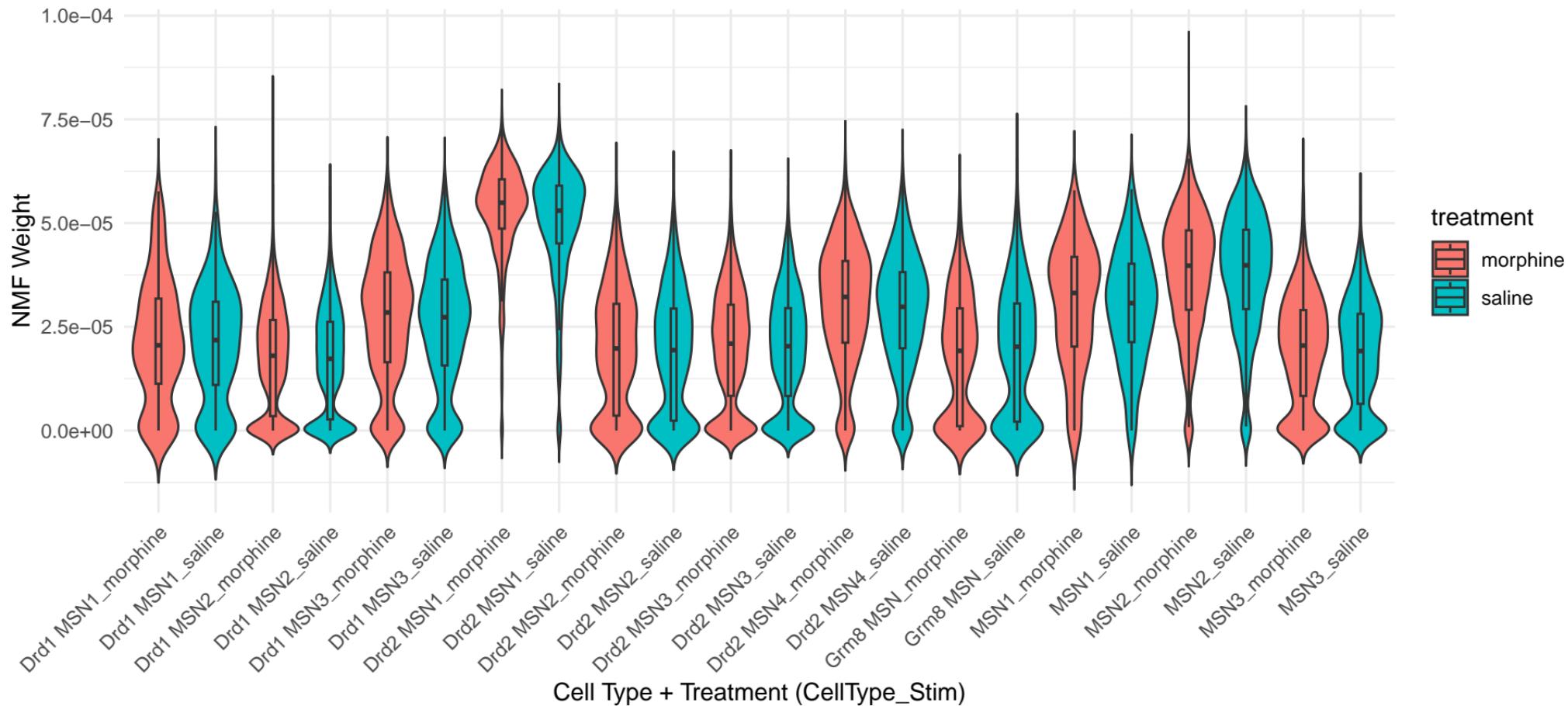
# NMF Component: nmf47

Not significant



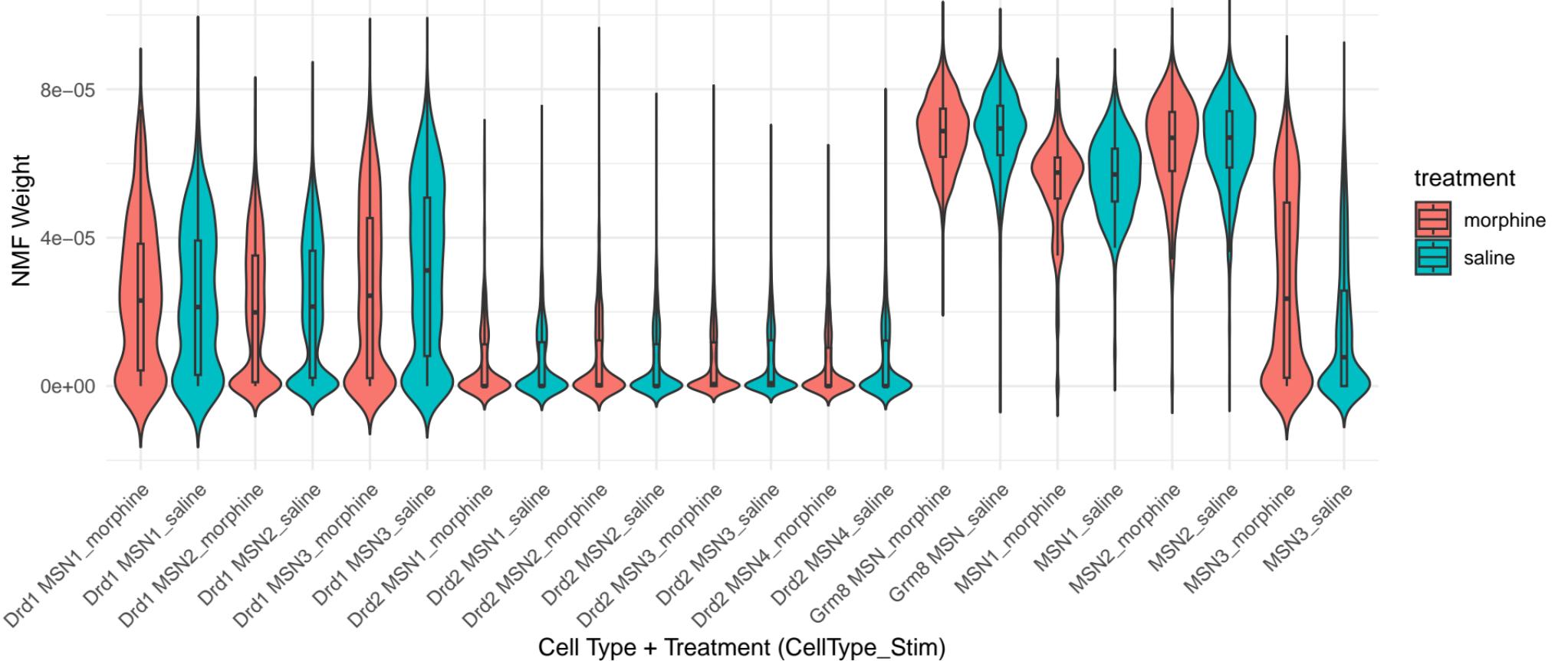
# NMF Component: nmf48

Not significant



# NMF Component: nmf49

Not significant



# NMF Component: nmf50

Not significant

NMF Weight

7.5e-05

5.0e-05

2.5e-05

0.0e+00

treatment  
morphine  
saline

Drd1 MSN1\_morphine  
Drd1 MSN1\_saline  
Drd1 MSN2\_morphine  
Drd1 MSN2\_saline  
Drd1 MSN3\_morphine  
Drd1 MSN3\_saline  
Drd2 MSN1\_morphine  
Drd2 MSN1\_saline  
Drd2 MSN2\_morphine  
Drd2 MSN2\_saline  
Drd2 MSN3\_morphine  
Drd2 MSN3\_saline  
Drd2 MSN4\_morphine  
Drd2 MSN4\_saline  
Grm8 MSN\_morphine  
MSN1\_morphine  
MSN1\_saline  
MSN2\_morphine  
MSN2\_saline  
MSN3\_morphine  
MSN3\_saline

Cell Type + Treatment (CellType\_Stim)