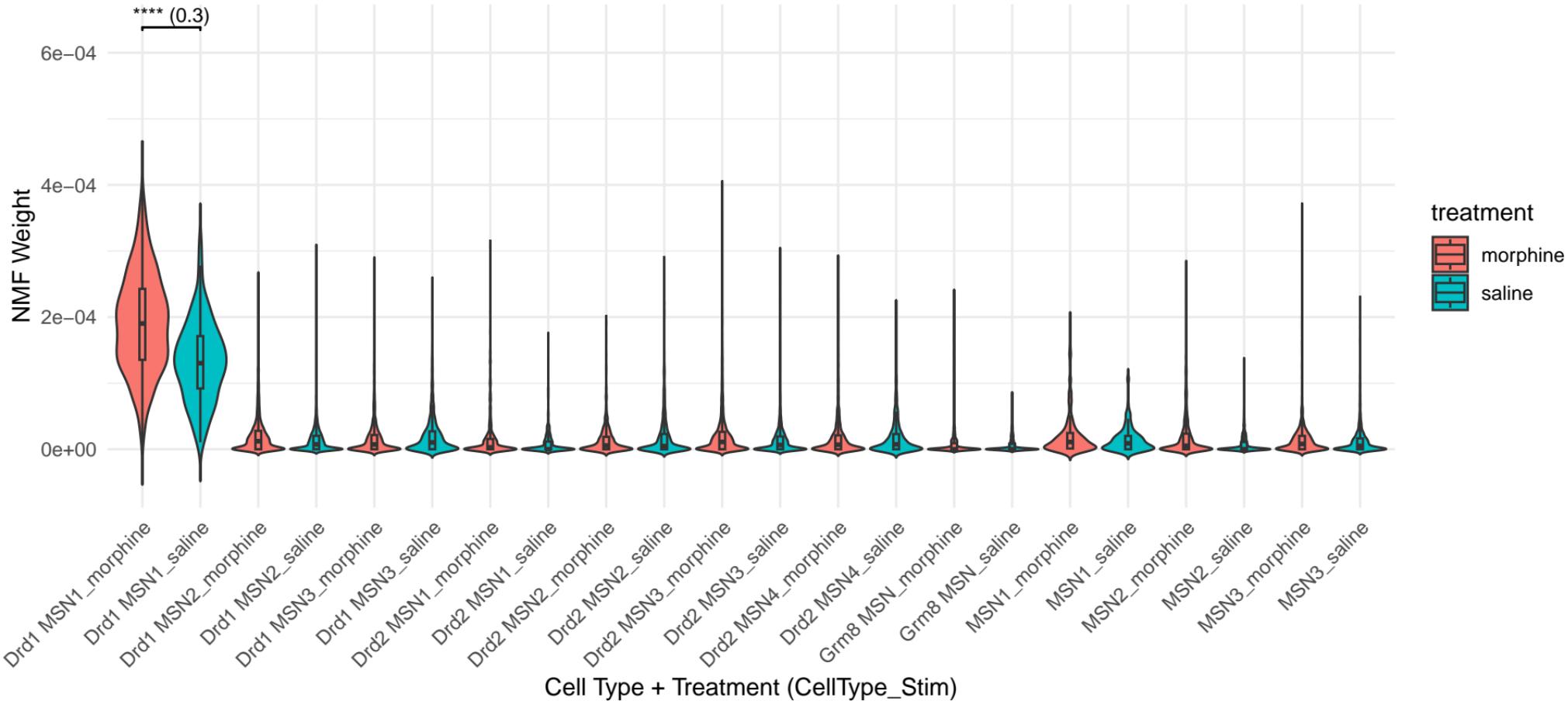


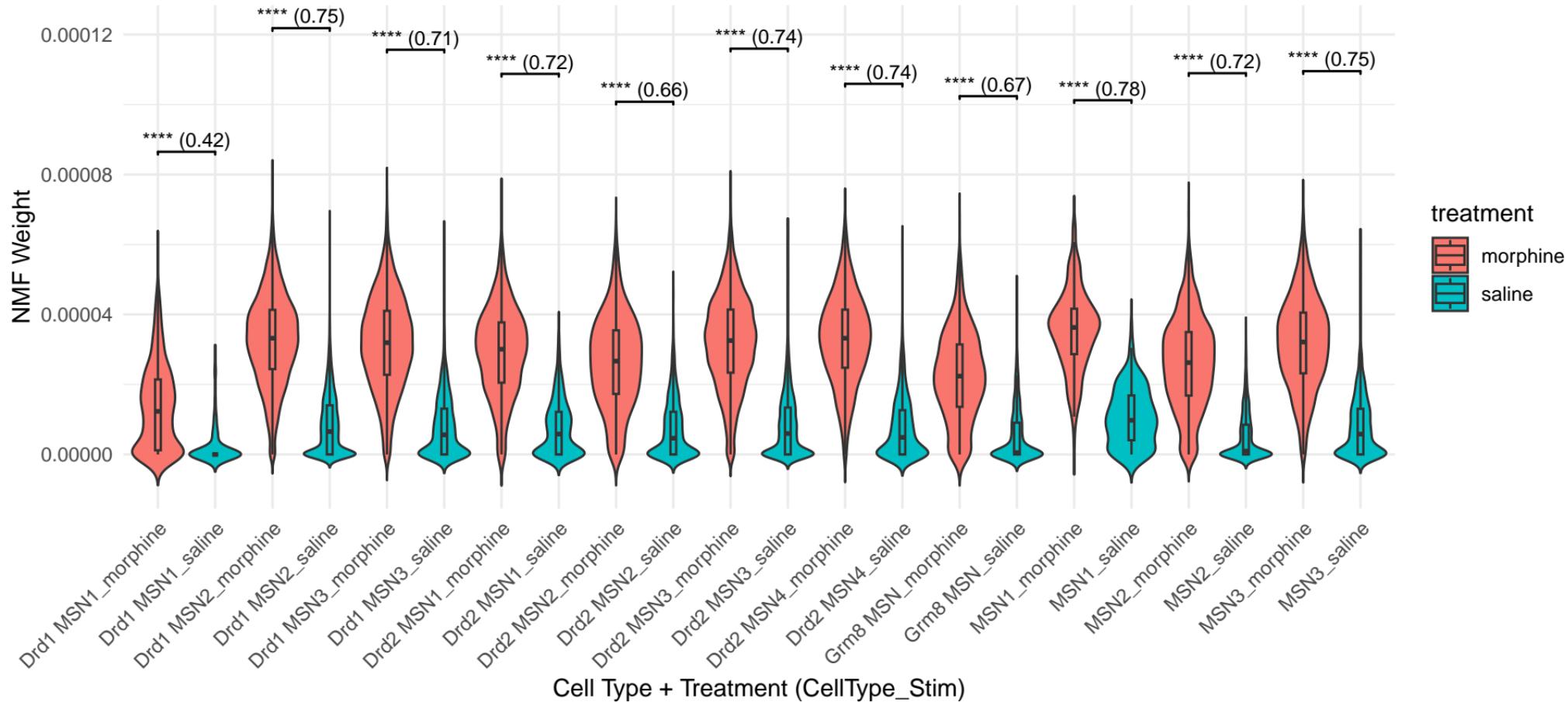
NMF Component: nmf12

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



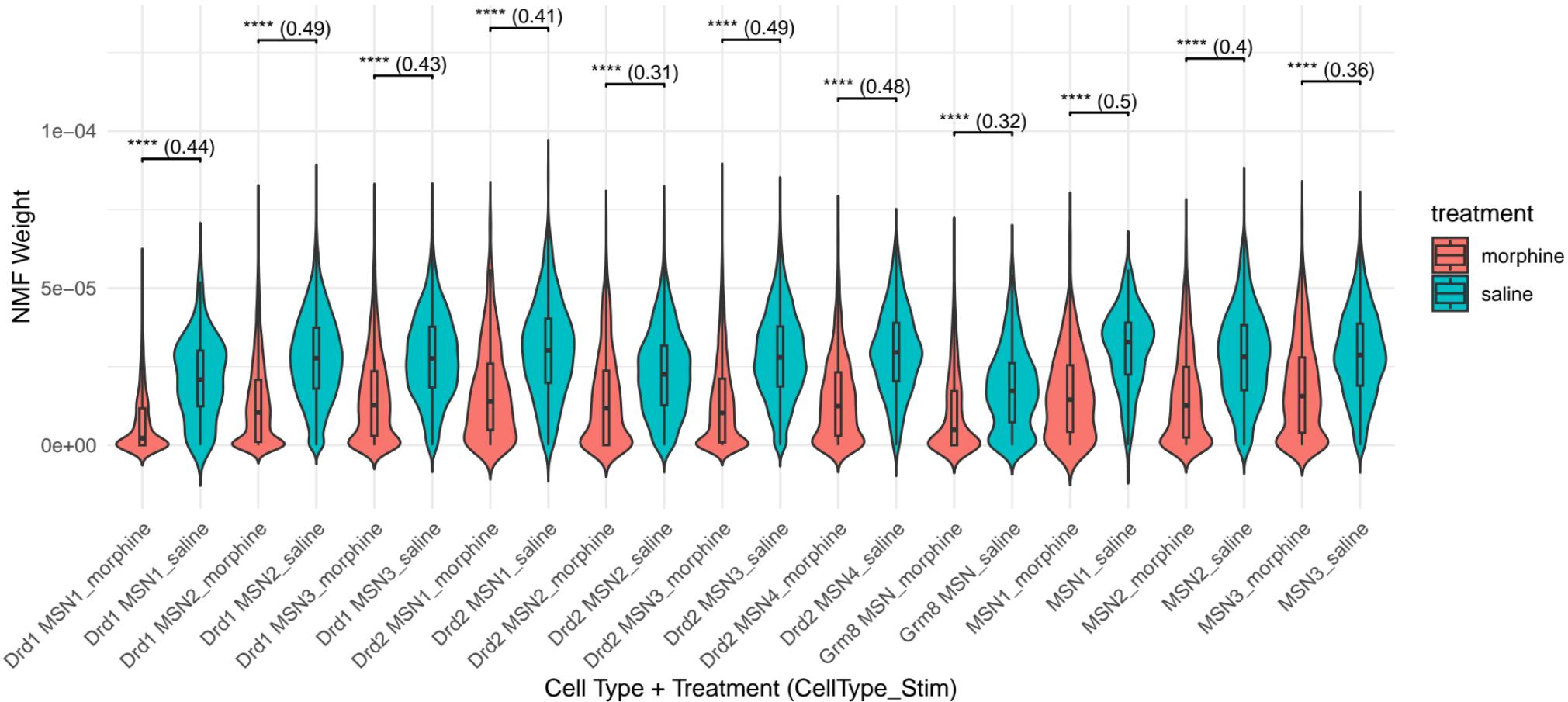
NMF Component: nmf5

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



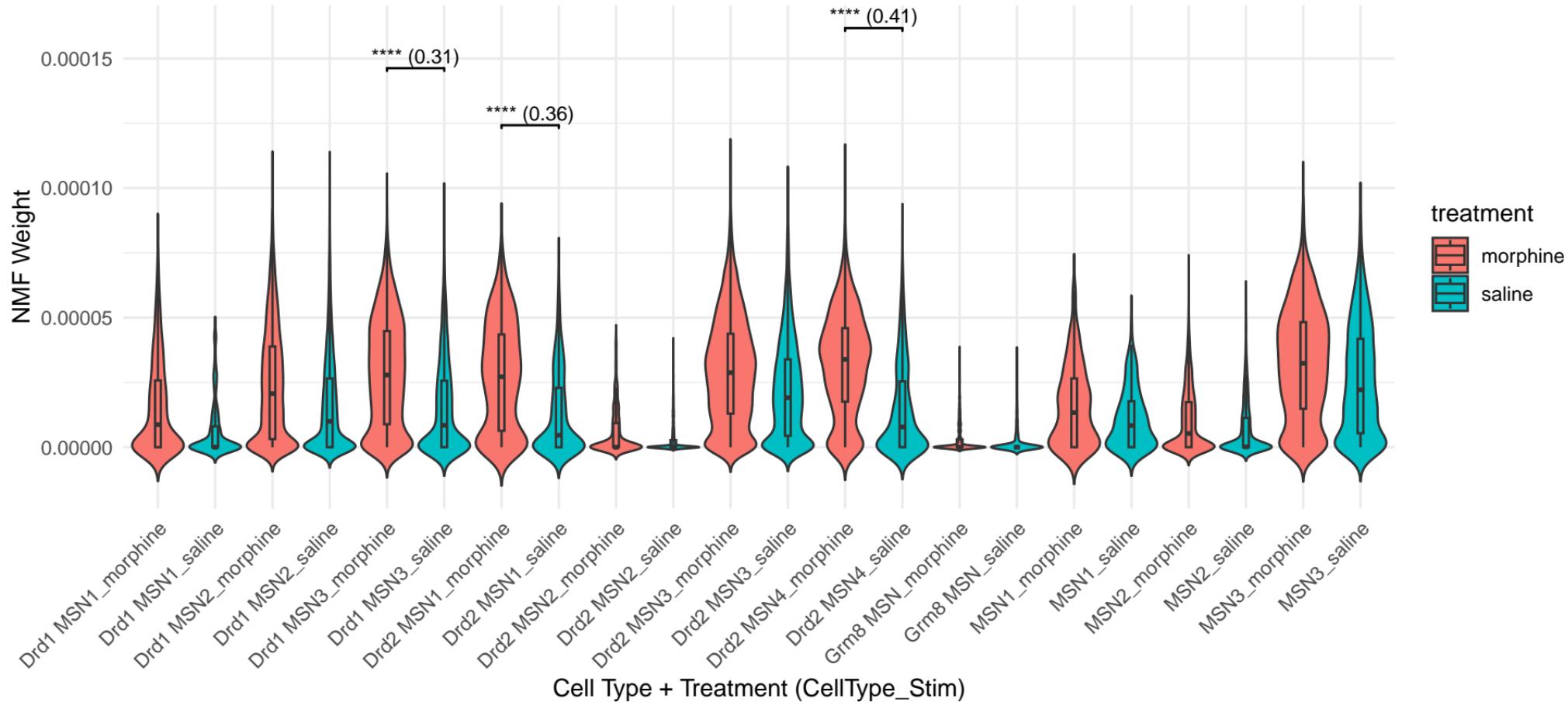
NMF Component: nmf6

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



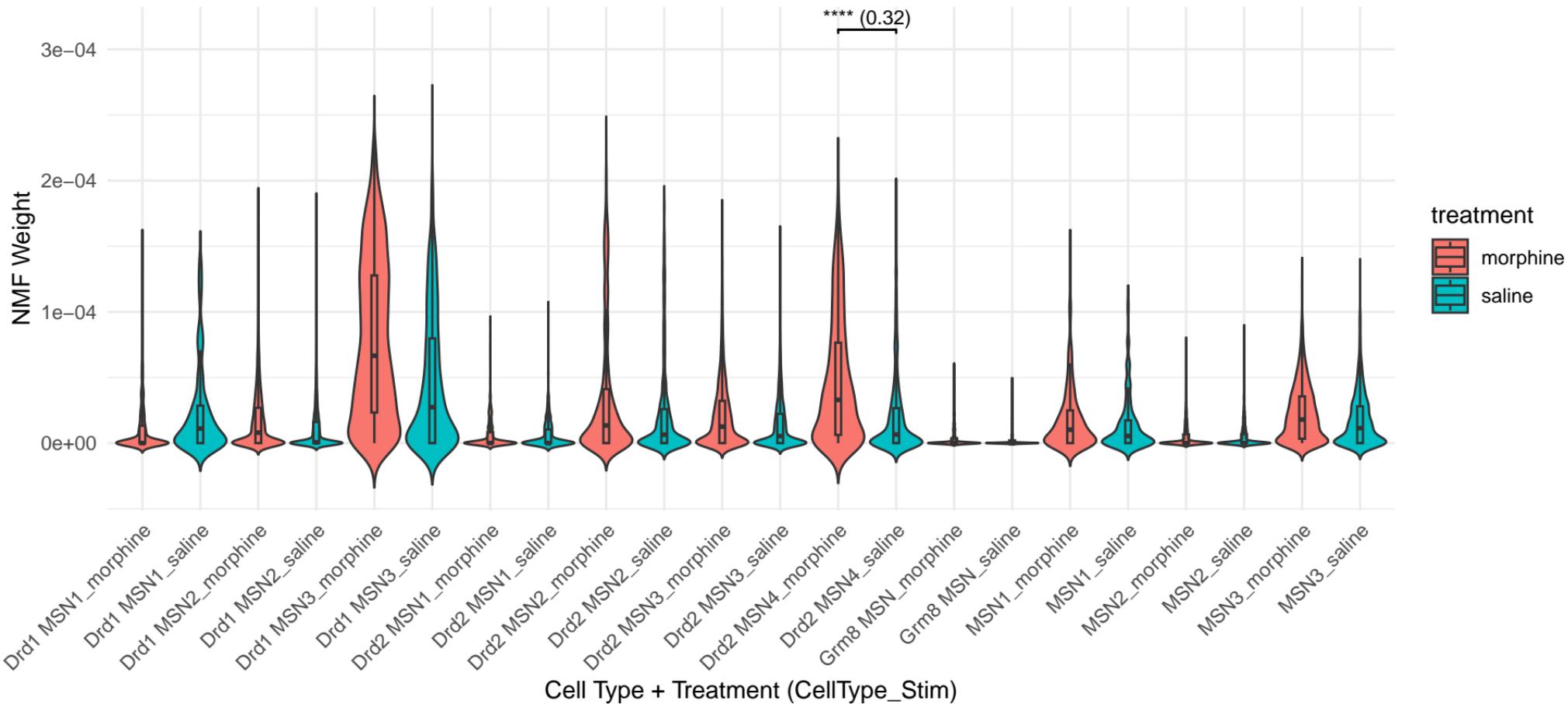
NMF Component: nmf16

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



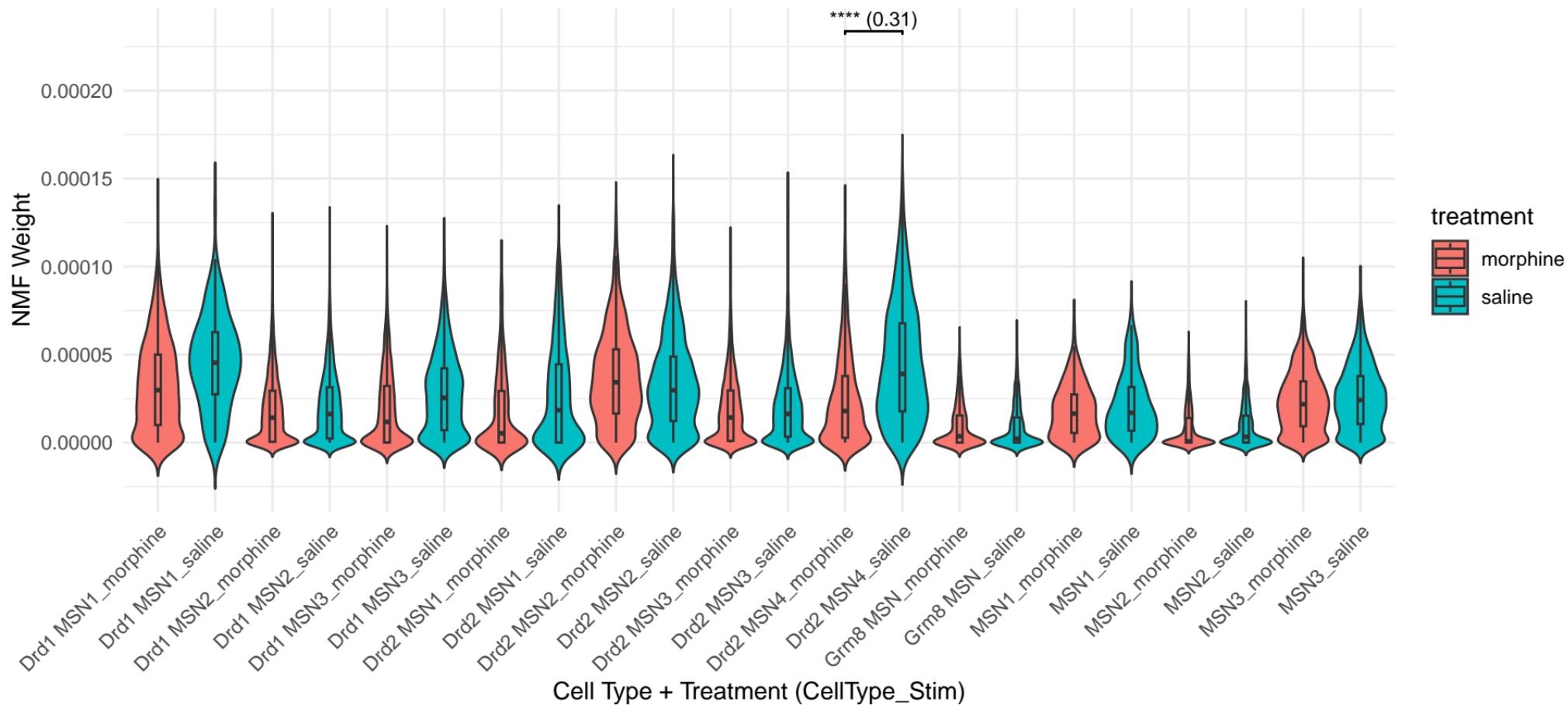
NMF Component: nmf25

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



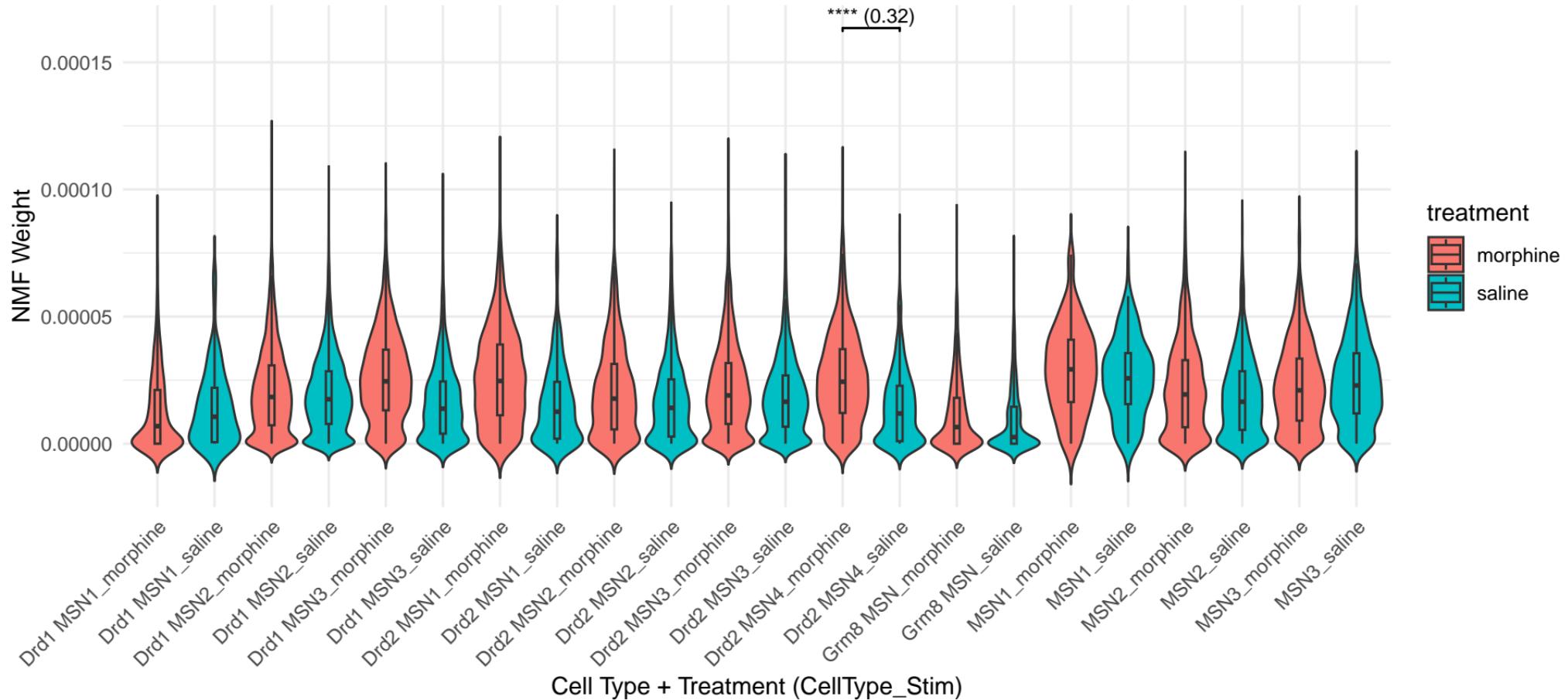
NMF Component: nmf41

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



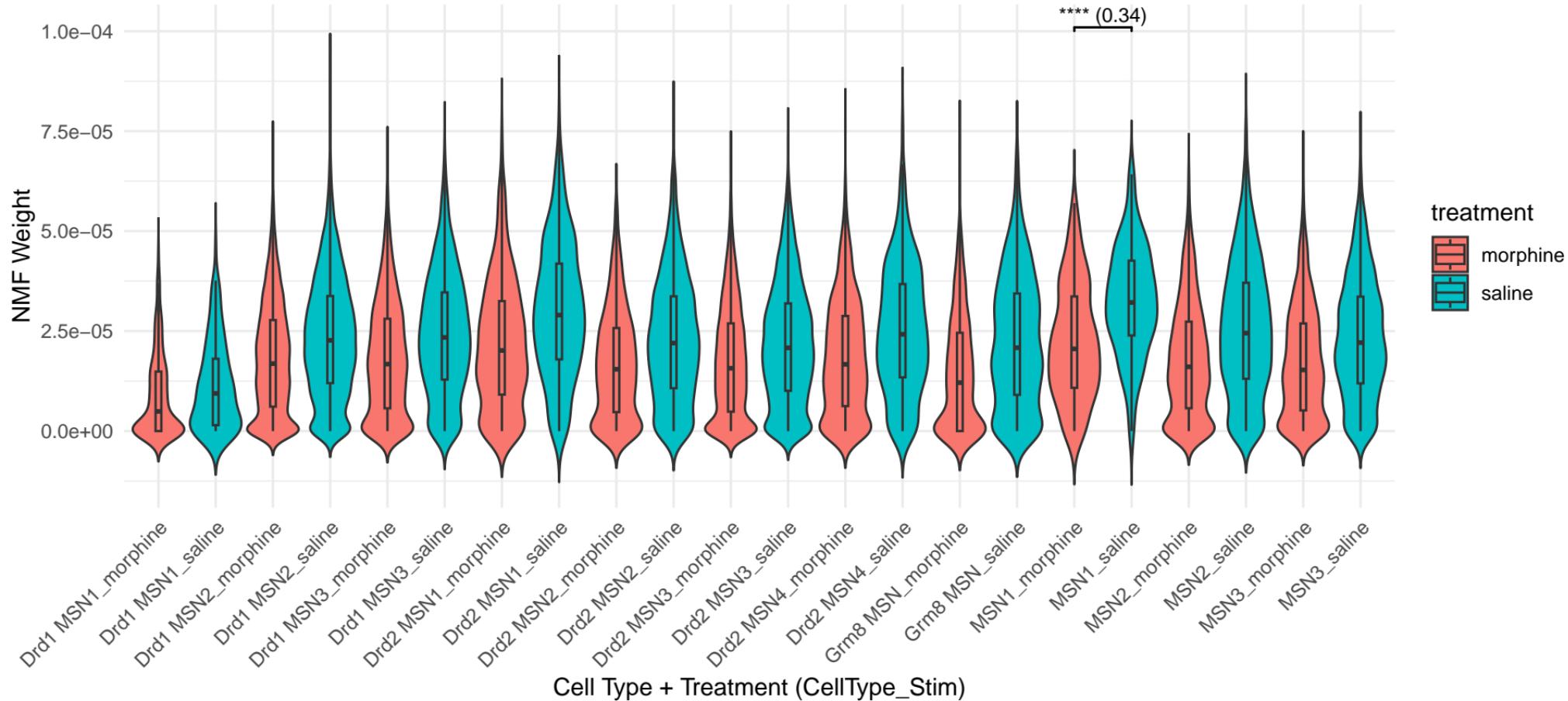
NMF Component: nmf9

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



NMF Component: nmf4

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



NMF Component: nmf1

Not significant

NMF Weight

4e-05
2e-05
0e+00

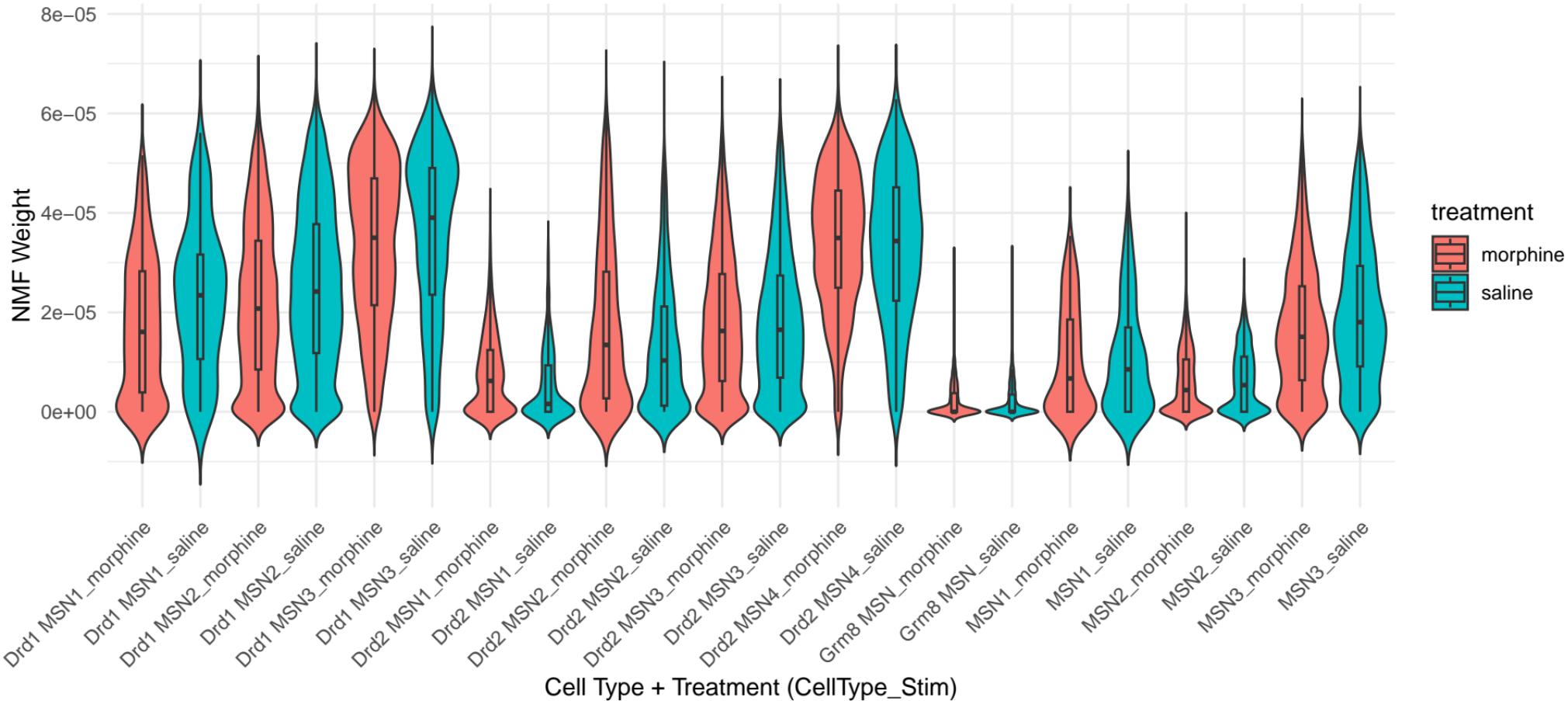
Drd1 MSN1_morphine Drd1 MSN1_saline Drd1 MSN2_morphine Drd1 MSN2_saline Drd1 MSN3_morphine Drd1 MSN3_saline Drd2 MSN1_morphine Drd2 MSN1_saline Drd2 MSN2_morphine Drd2 MSN2_saline Drd2 MSN3_morphine Drd2 MSN3_saline Drd2 MSN4_morphine Drd2 MSN4_saline Grm8 MSN_morphine Grm8 MSN_saline MSN1_morphine MSN1_saline MSN2_morphine MSN2_saline MSN3_morphine MSN3_saline

Cell Type + Treatment (CellType_Stim)

treatment
morphine
saline

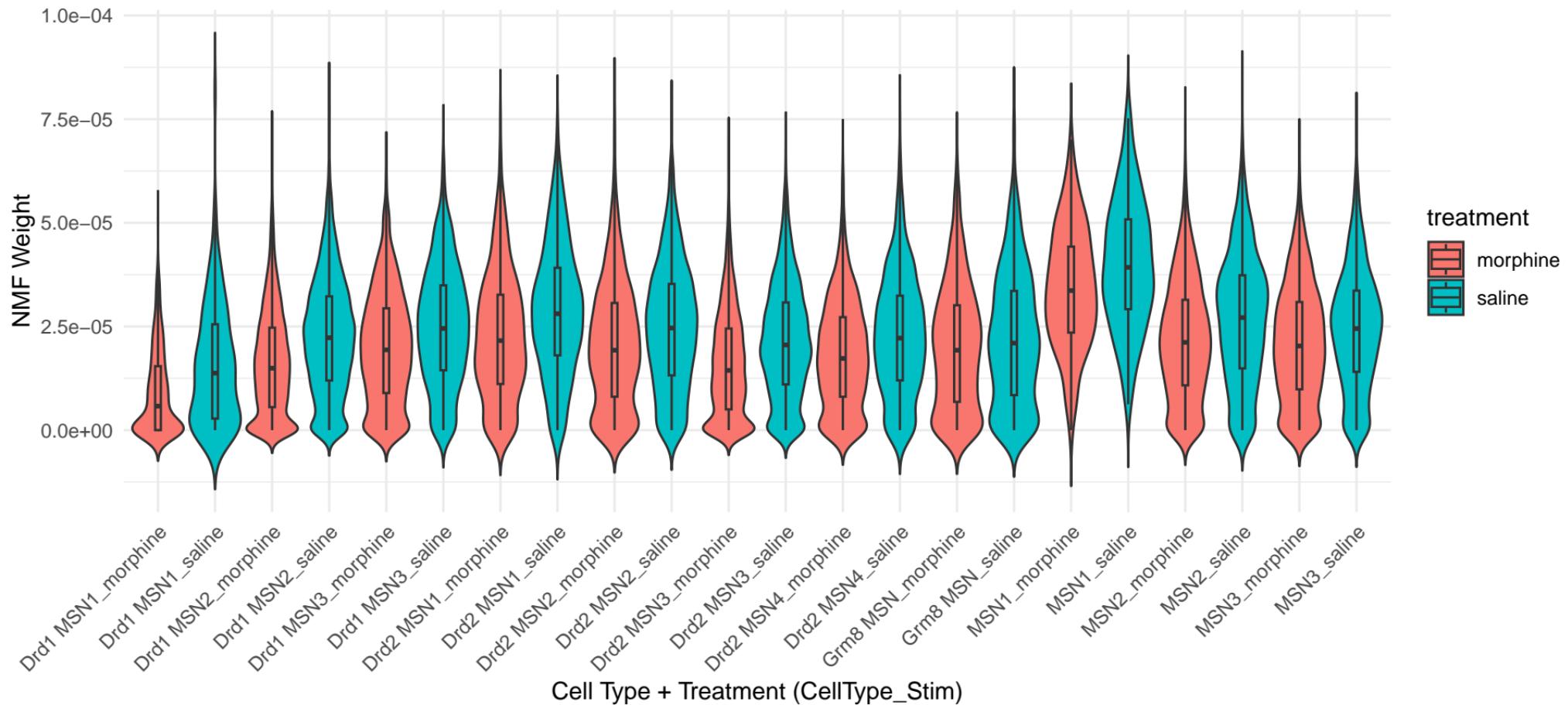
NMF Component: nmf2

Not significant



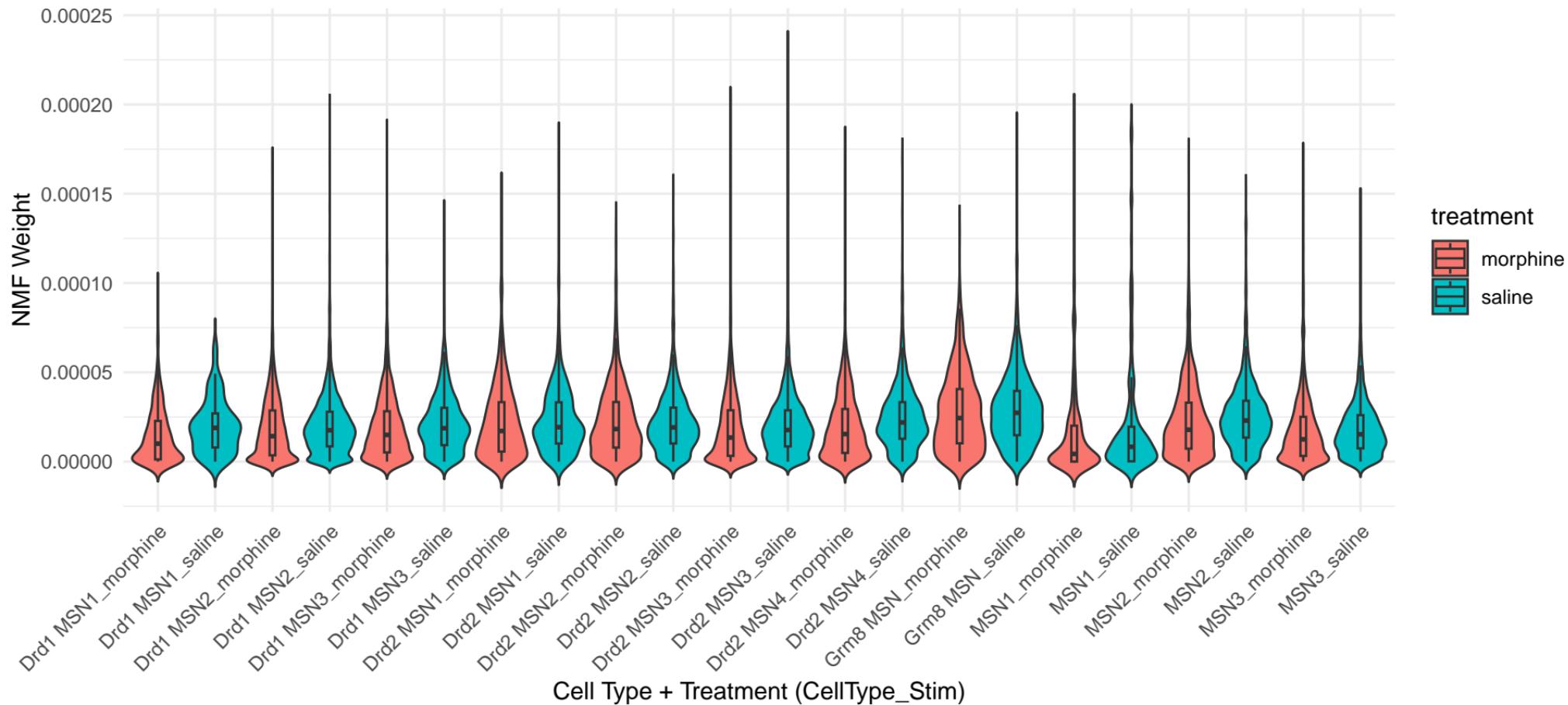
NMF Component: nmf3

Not significant



NMF Component: nmf7

Not significant



NMF Component: nmf8

Not significant

NMF Weight

5.0e-05
2.5e-05
0.0e+00

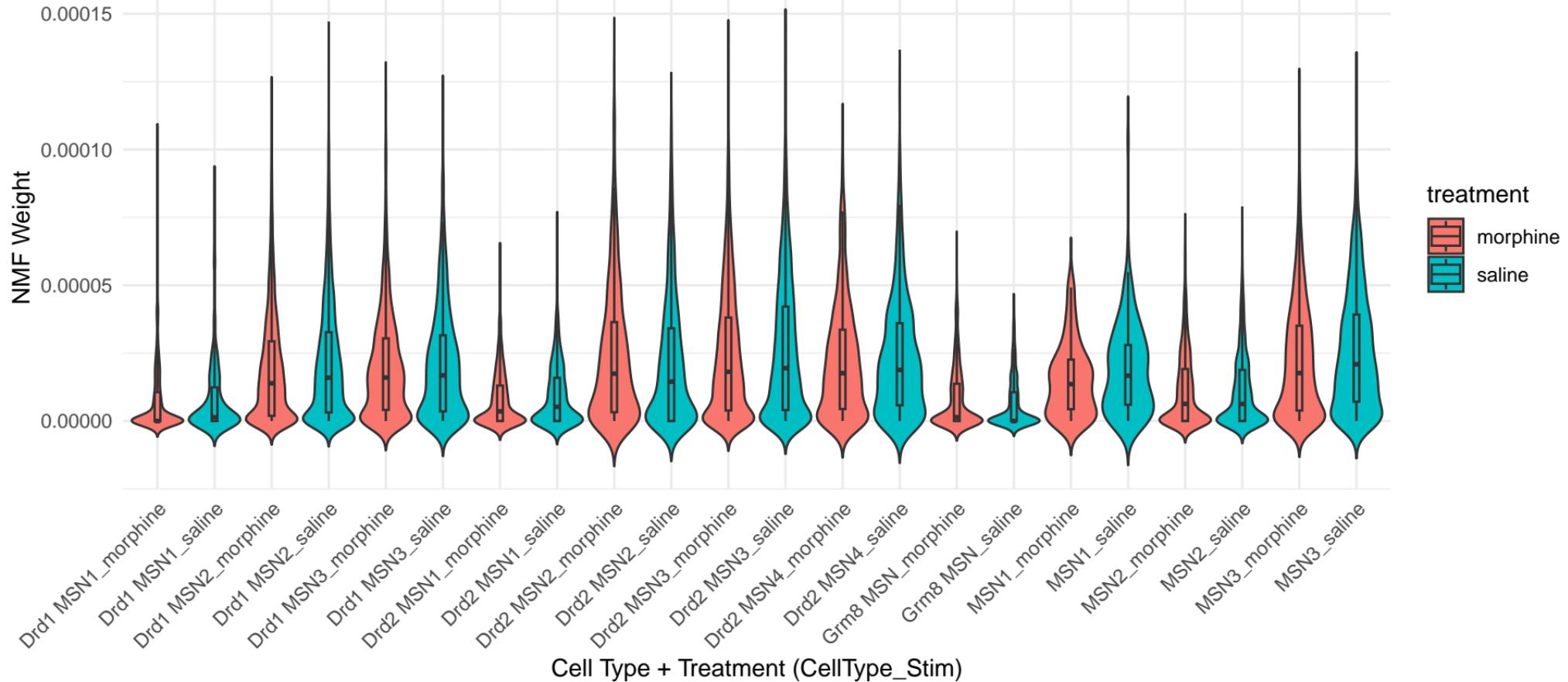
treatment
morphine
saline

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)

NMF Component: nmf10

Not significant



NMF Component: nmf11

Not significant

NMF Weight

0.00020

0.00015

0.00010

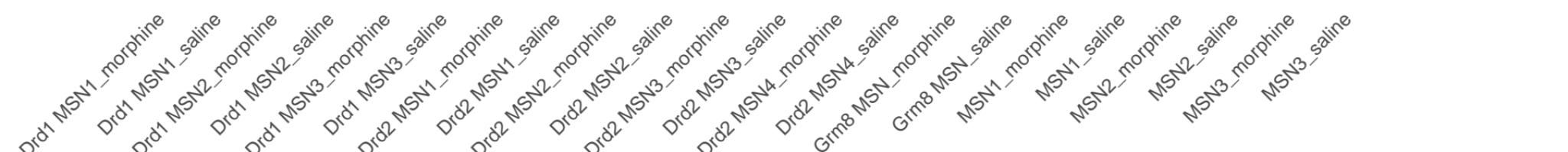
0.00005

0.00000

treatment

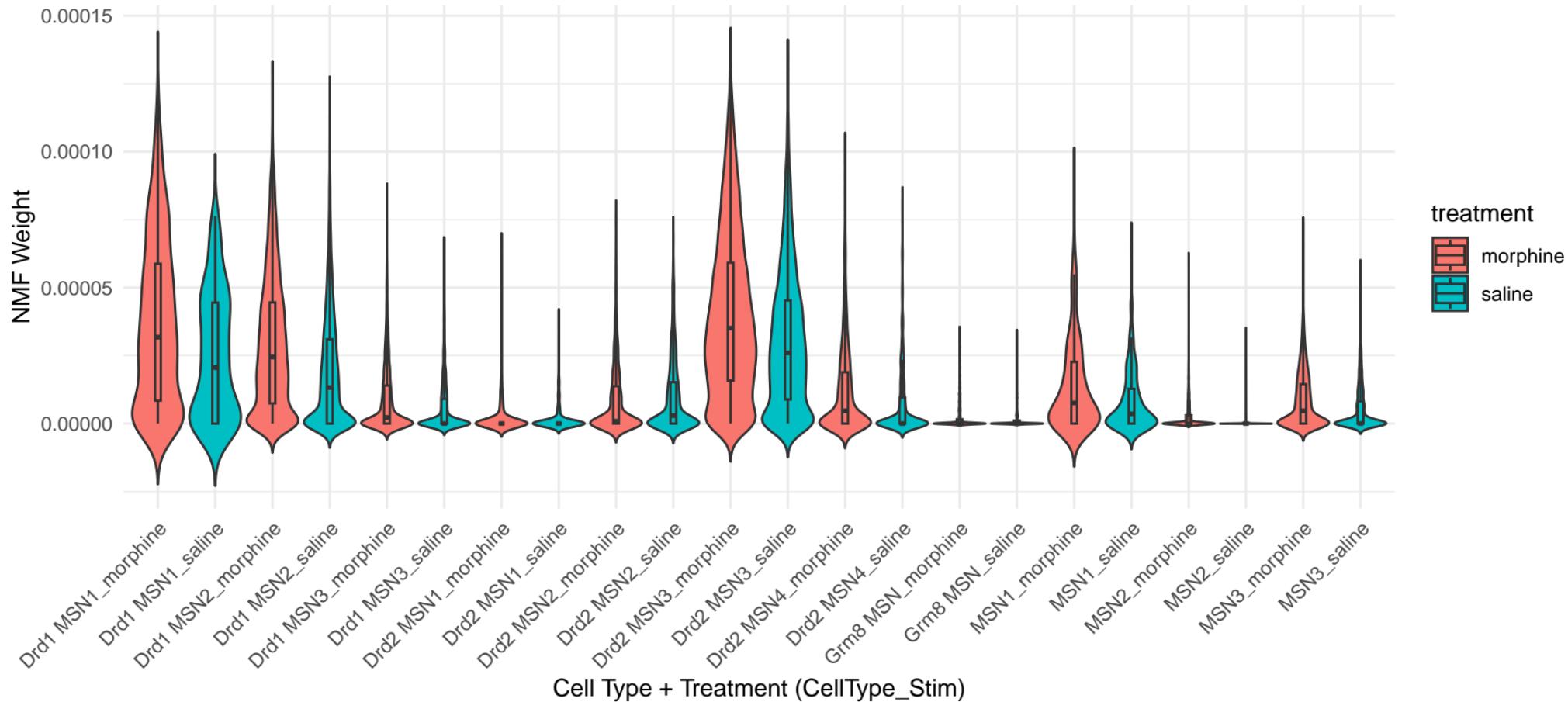
morphine

saline



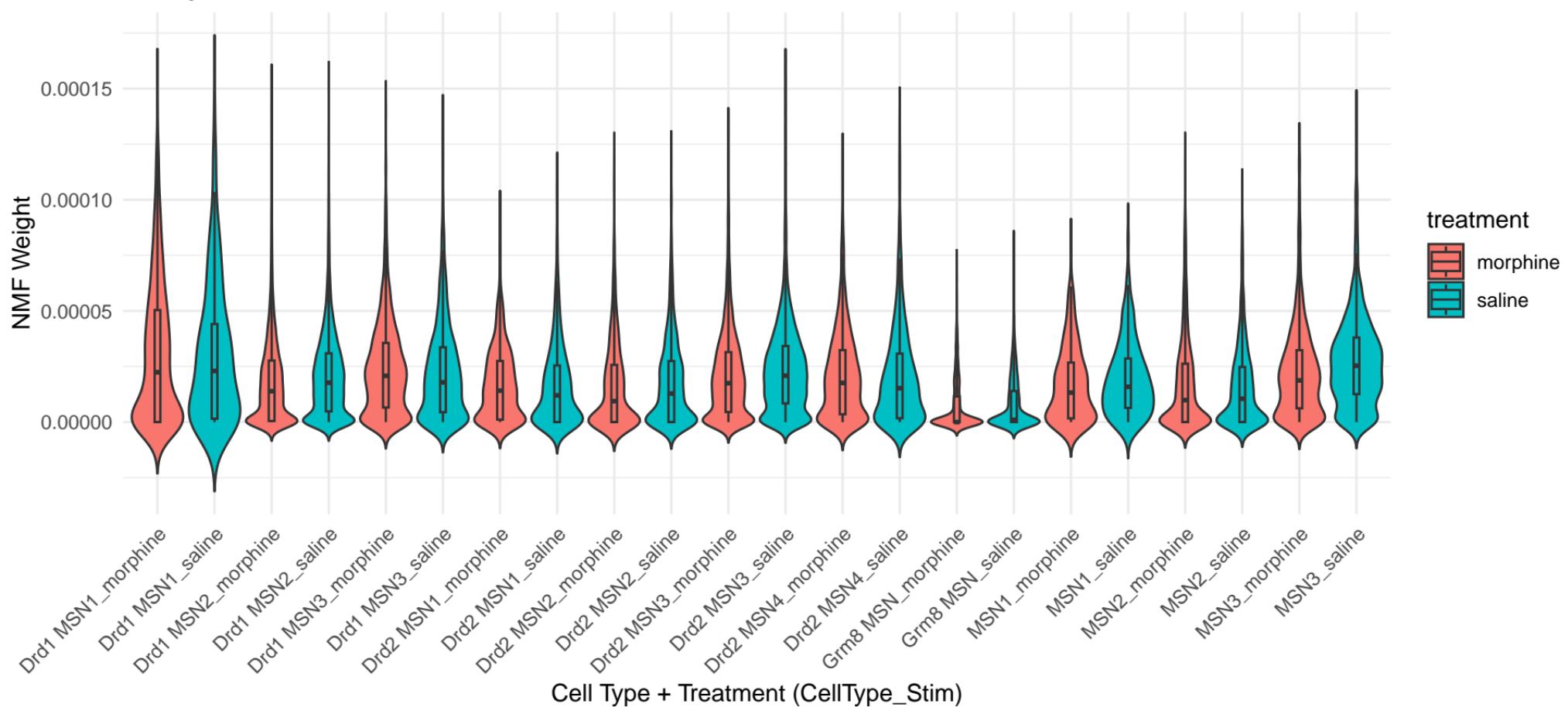
NMF Component: nmf13

Not significant



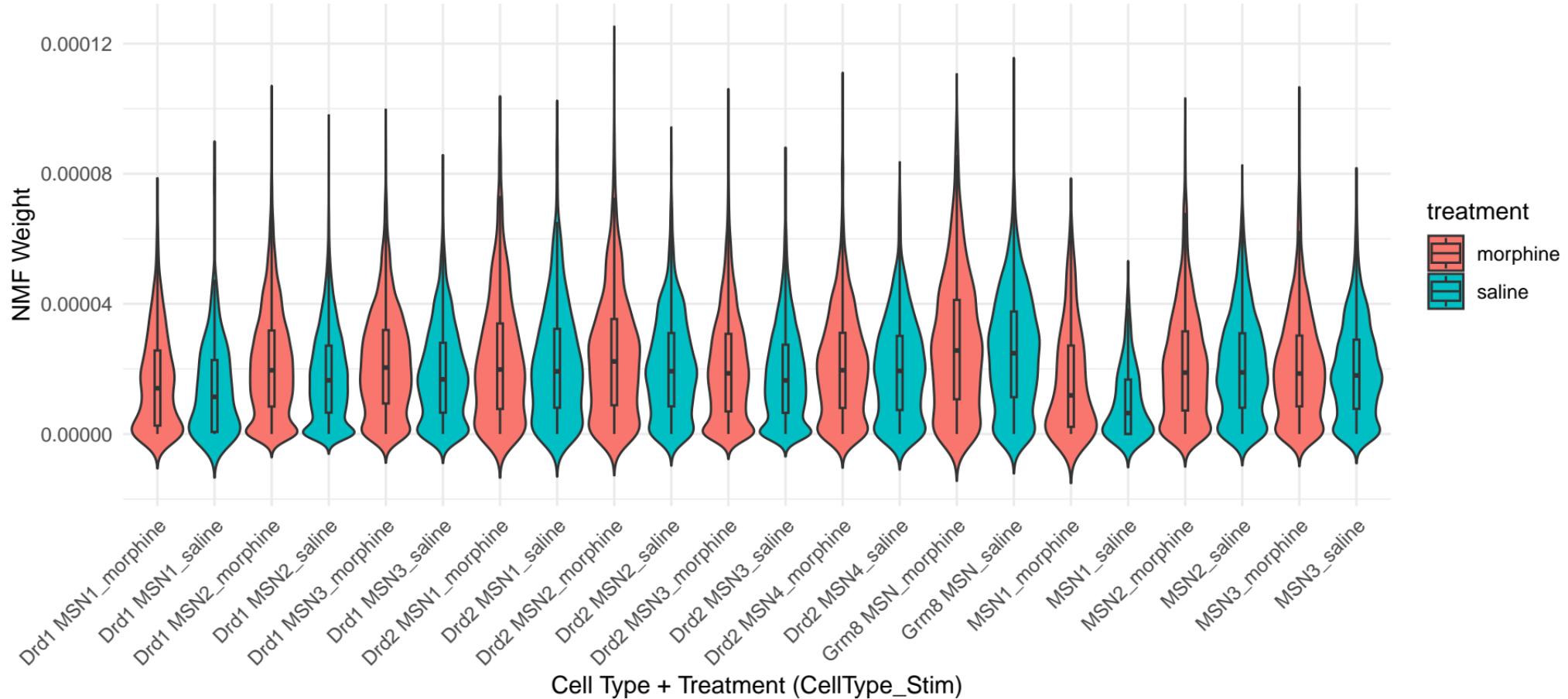
NMF Component: nmf14

Not significant



NMF Component: nmf15

Not significant



NMF Component: nmf17

Not significant

NMF Weight

0.00020

0.00015

0.00010

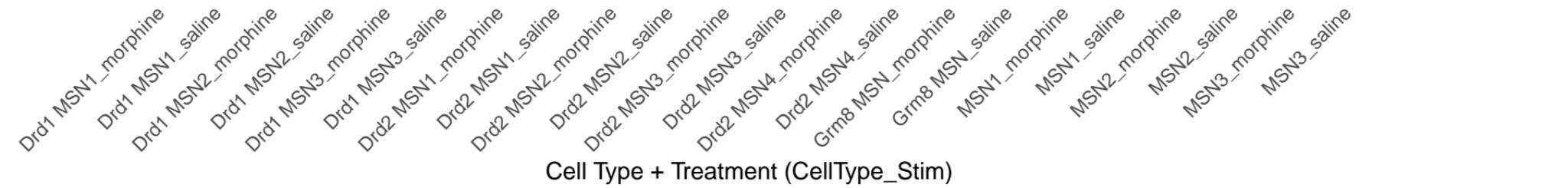
0.00005

0.00000

treatment

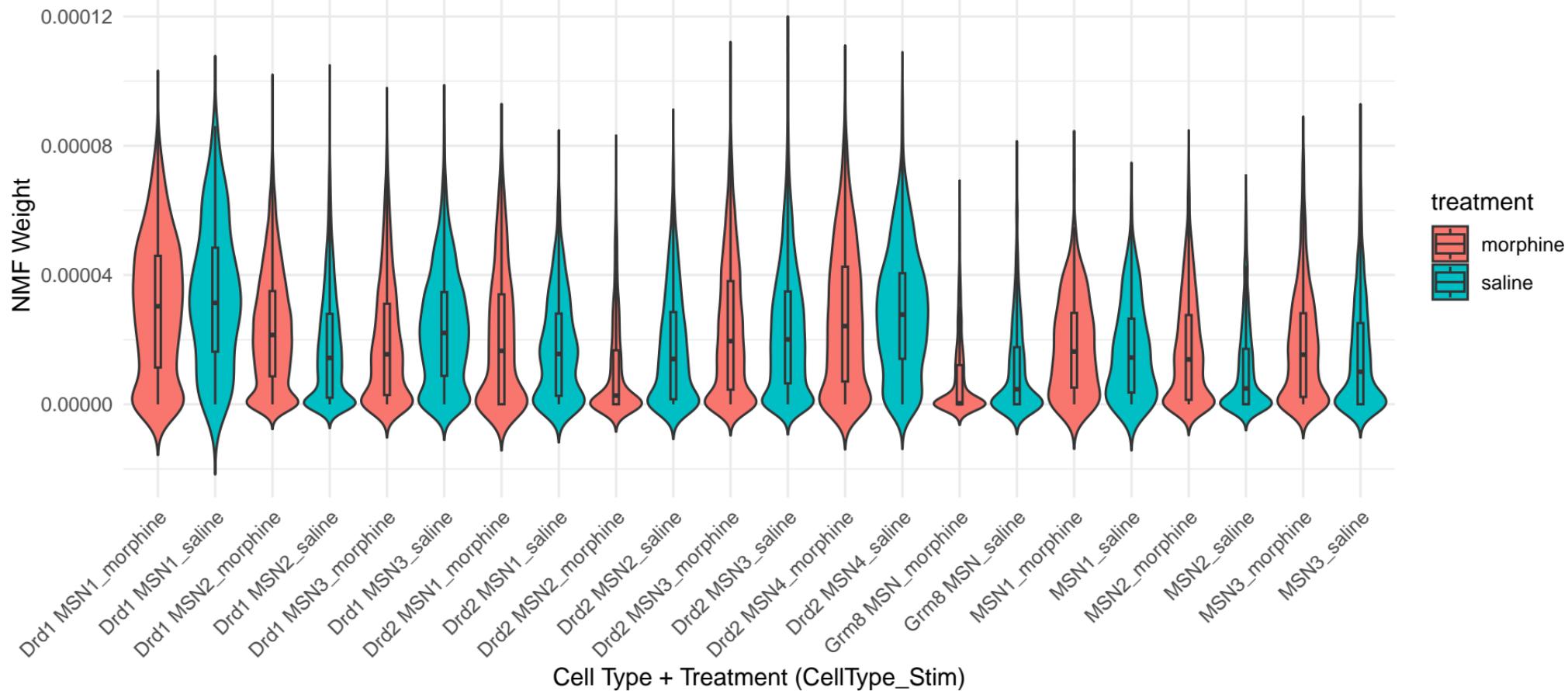
morphine

saline



NMF Component: nmf18

Not significant



NMF Component: nmf19

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
Grm8 MSN_saline

MSN1_morphine
MSN1_saline

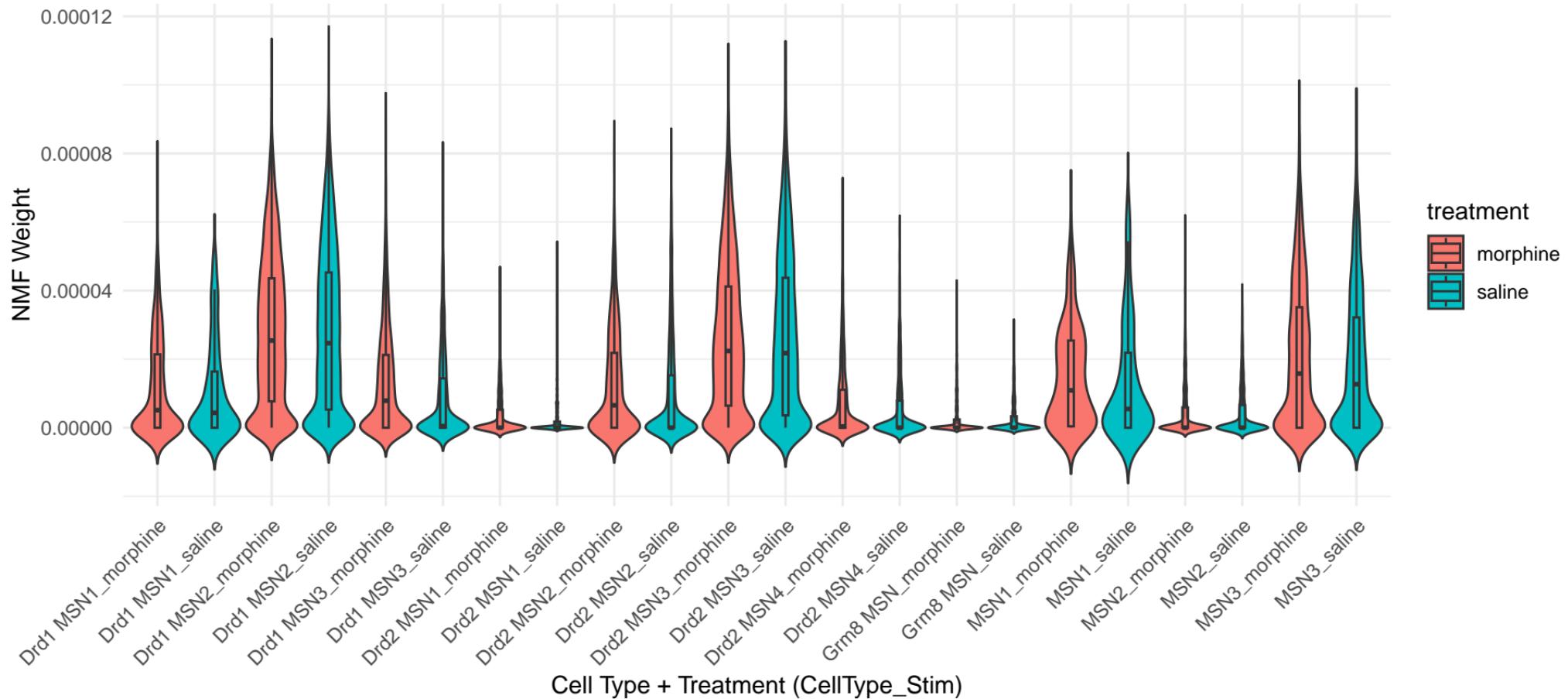
MSN2_morphine
MSN2_saline

MSN3_morphine
MSN3_saline

Cell Type + Treatment (CellType_Stim)

NMF Component: nmf20

Not significant



NMF Component: nmf21

Not significant

NMF Weight

4e-04

2e-04

0e+00

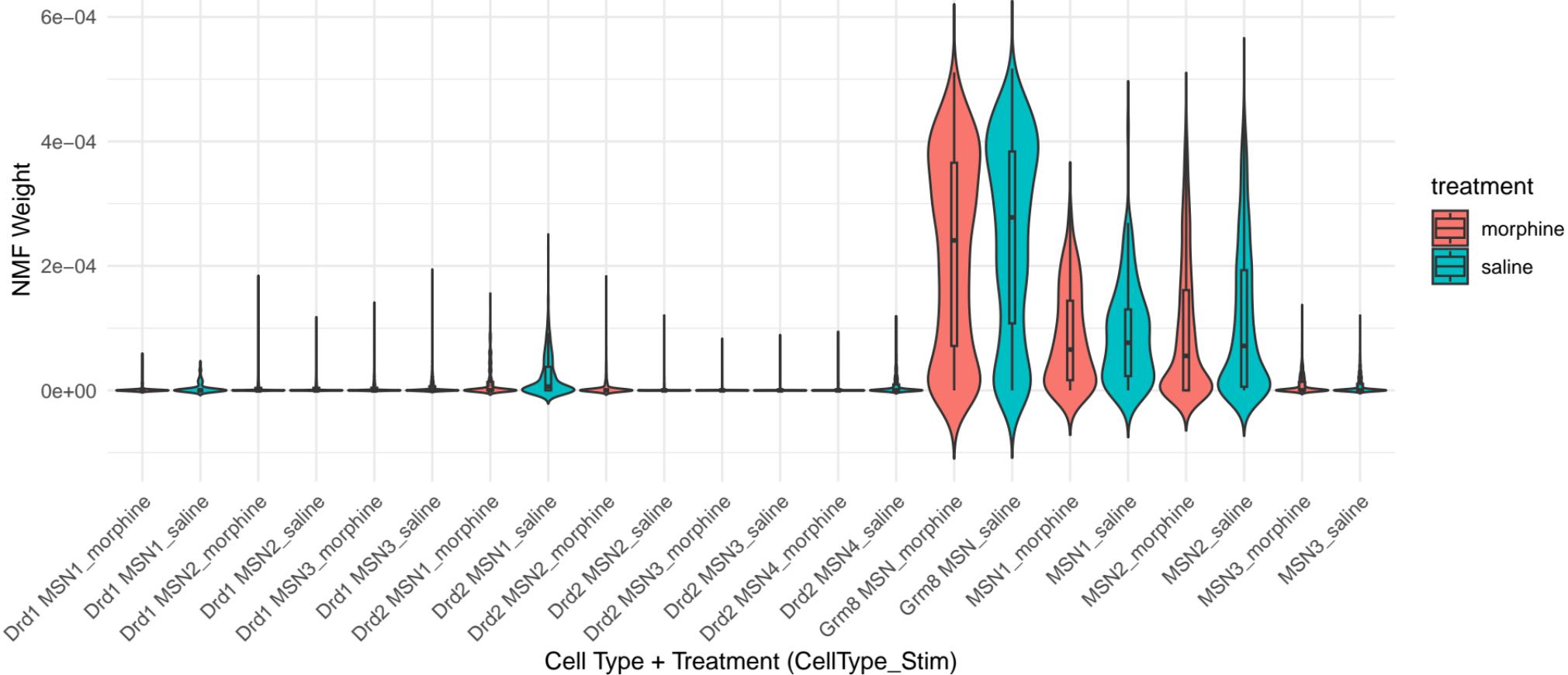
Drd1 MSN1_morphine Drd1 MSN1_saline Drd1 MSN2_morphine Drd1 MSN2_saline Drd1 MSN3_morphine Drd1 MSN3_saline Drd2 MSN1_morphine Drd2 MSN1_saline Drd2 MSN2_morphine Drd2 MSN2_saline Drd2 MSN3_morphine Drd2 MSN3_saline Drd2 MSN4_morphine Drd2 MSN4_saline Grm8 MSN_morphine Grm8 MSN_saline MSN1_morphine MSN1_saline MSN2_morphine MSN2_saline MSN3_morphine MSN3_saline

treatment
morphine
saline

Cell Type + Treatment (CellType_Stim)

NMF Component: nmf22

Not significant



NMF Component: nmf23

Not significant

NMF Weight

6e-04

4e-04

2e-04

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)

NMF Component: nmf24

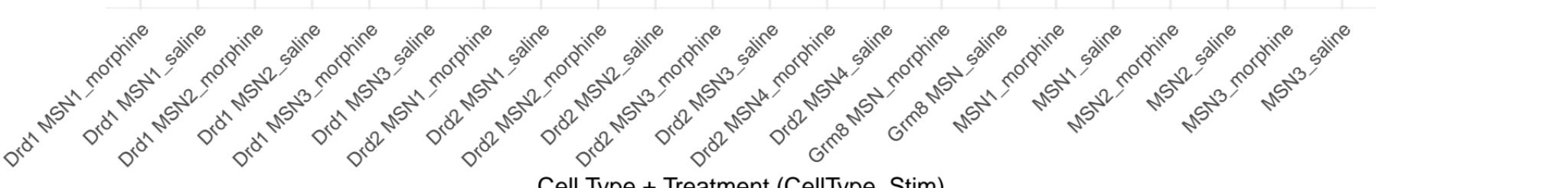
Not significant

NMF Weight

1e-04

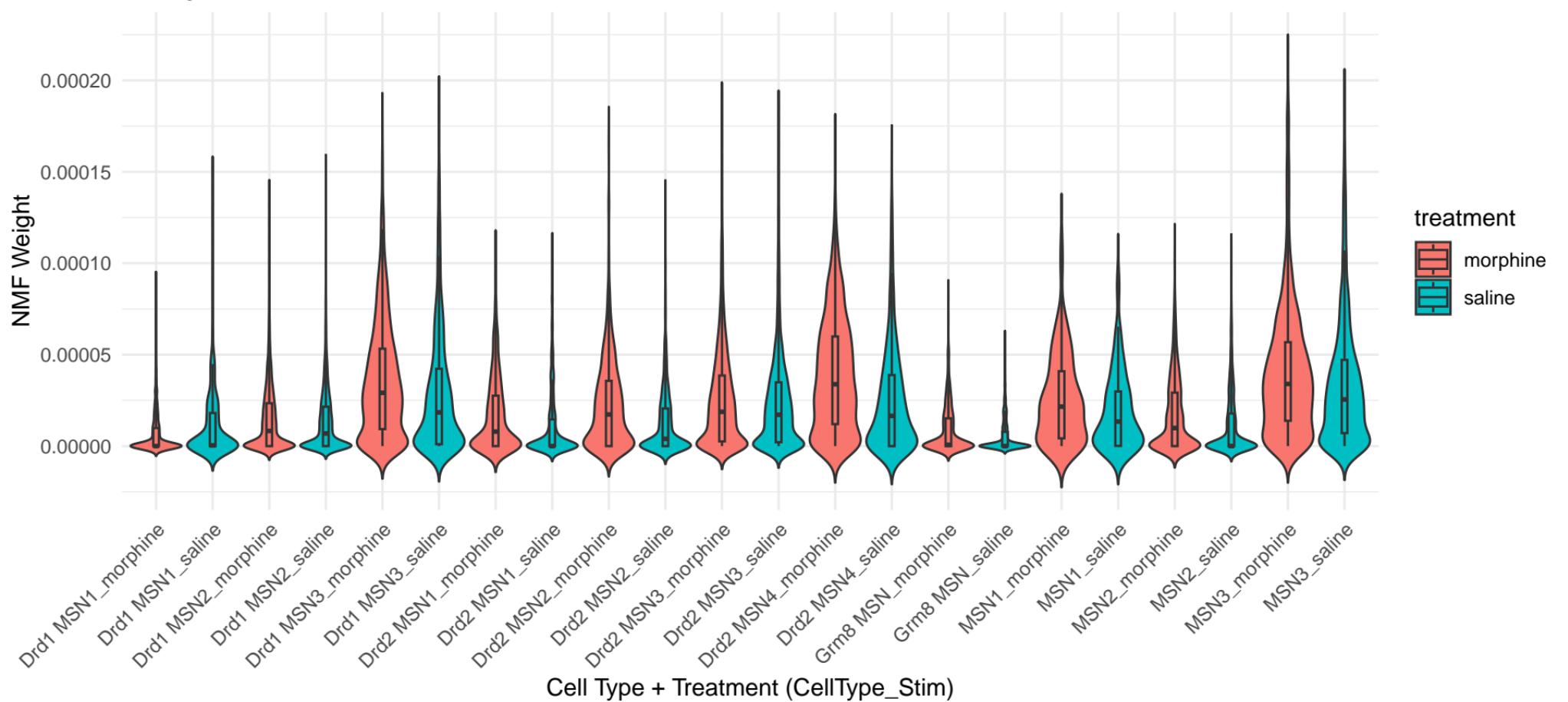
5e-05

0e+00



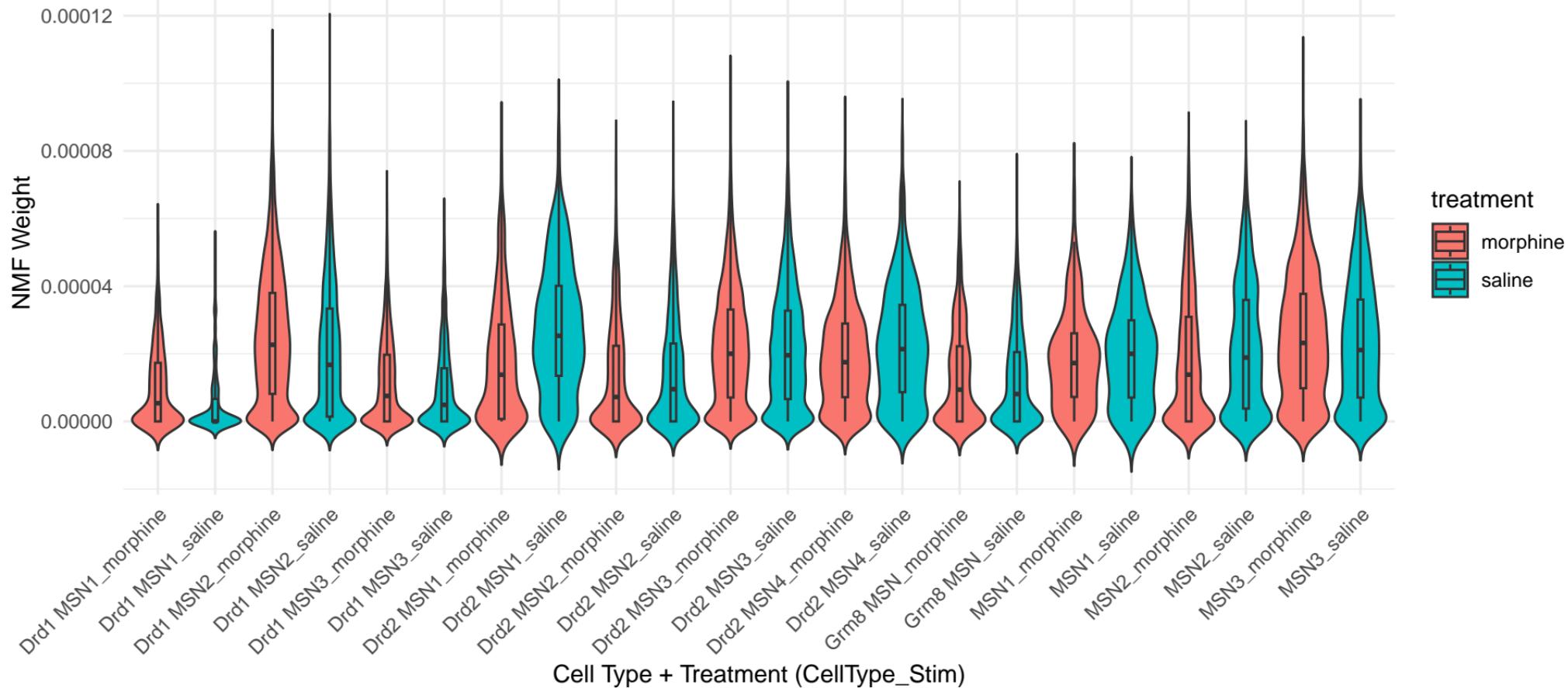
NMF Component: nmf26

Not significant



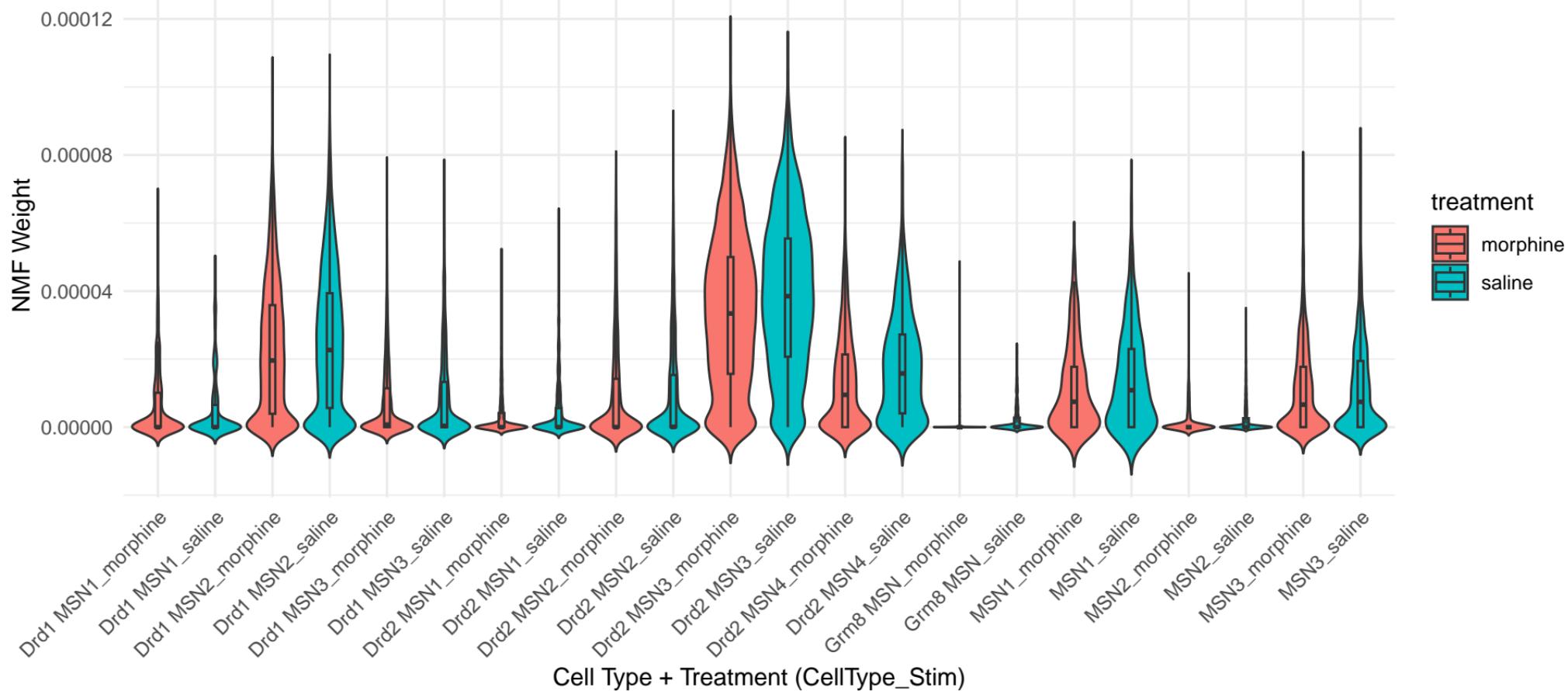
NMF Component: nmf27

Not significant



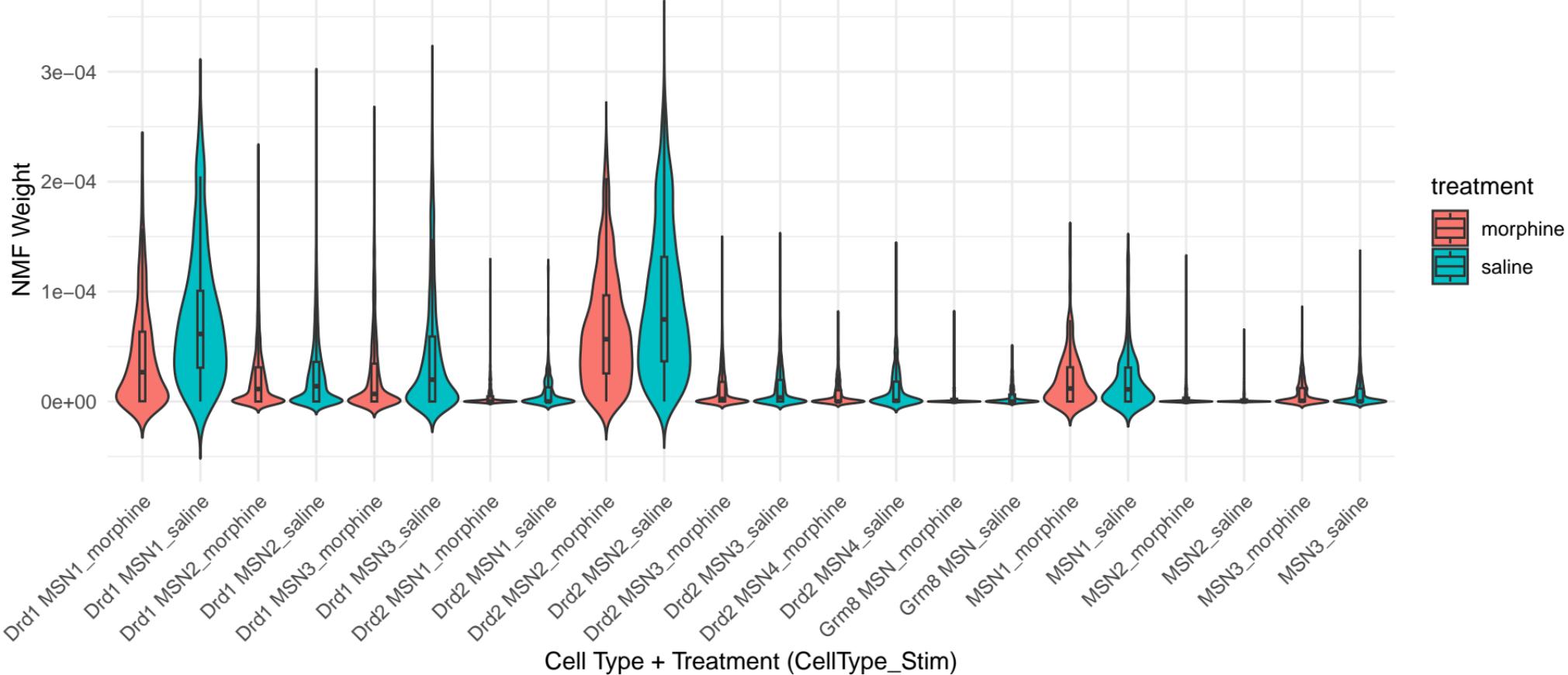
NMF Component: nmf28

Not significant



NMF Component: nmf29

Not significant



NMF Component: nmf30

Not significant

NMF Weight

1e-04

5e-05

0e+00

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

treatment
morphine
saline

Cell Type + Treatment (CellType_Stim)

NMF Component: nmf31

Not significant

NMF Weight

1e-04

5e-05

0e+00

treatment

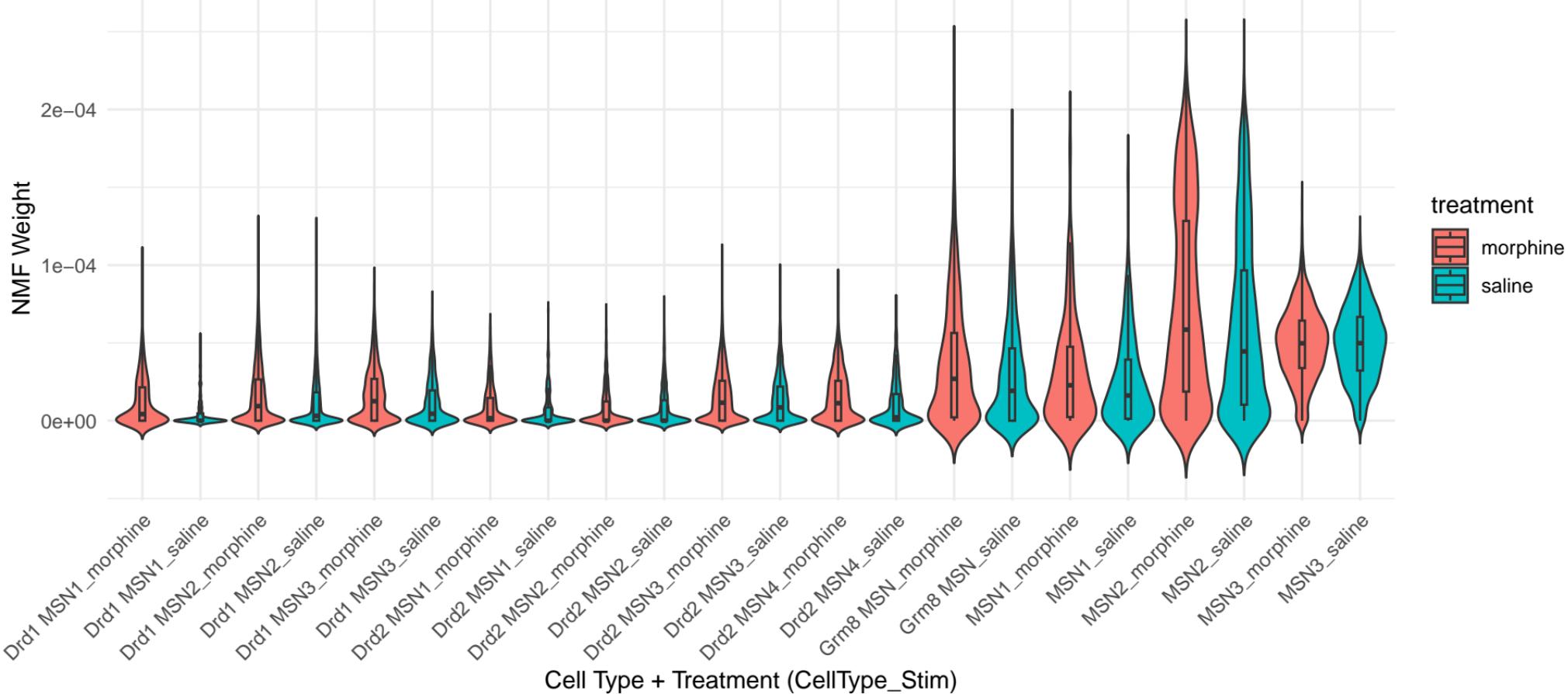
morphine
saline

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)

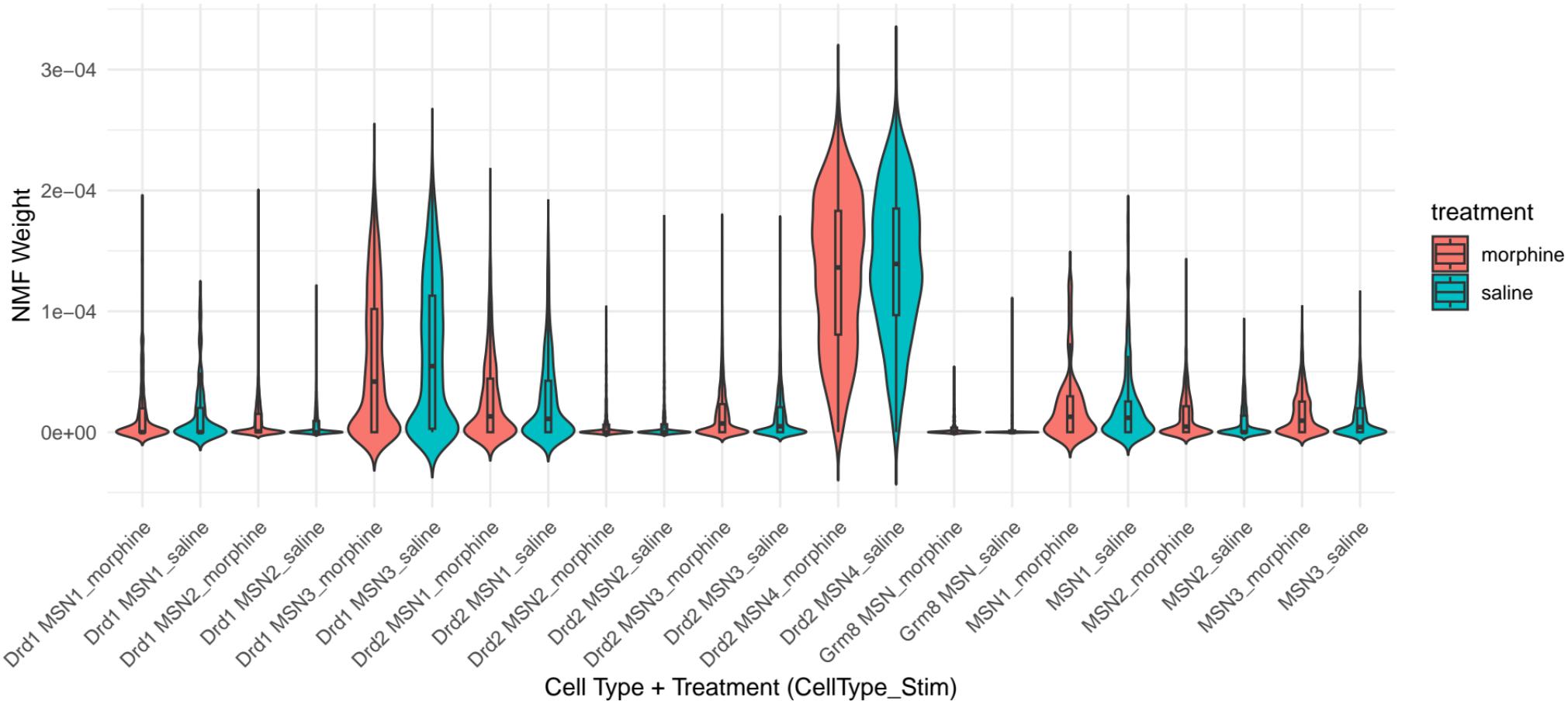
NMF Component: nmf32

Not significant



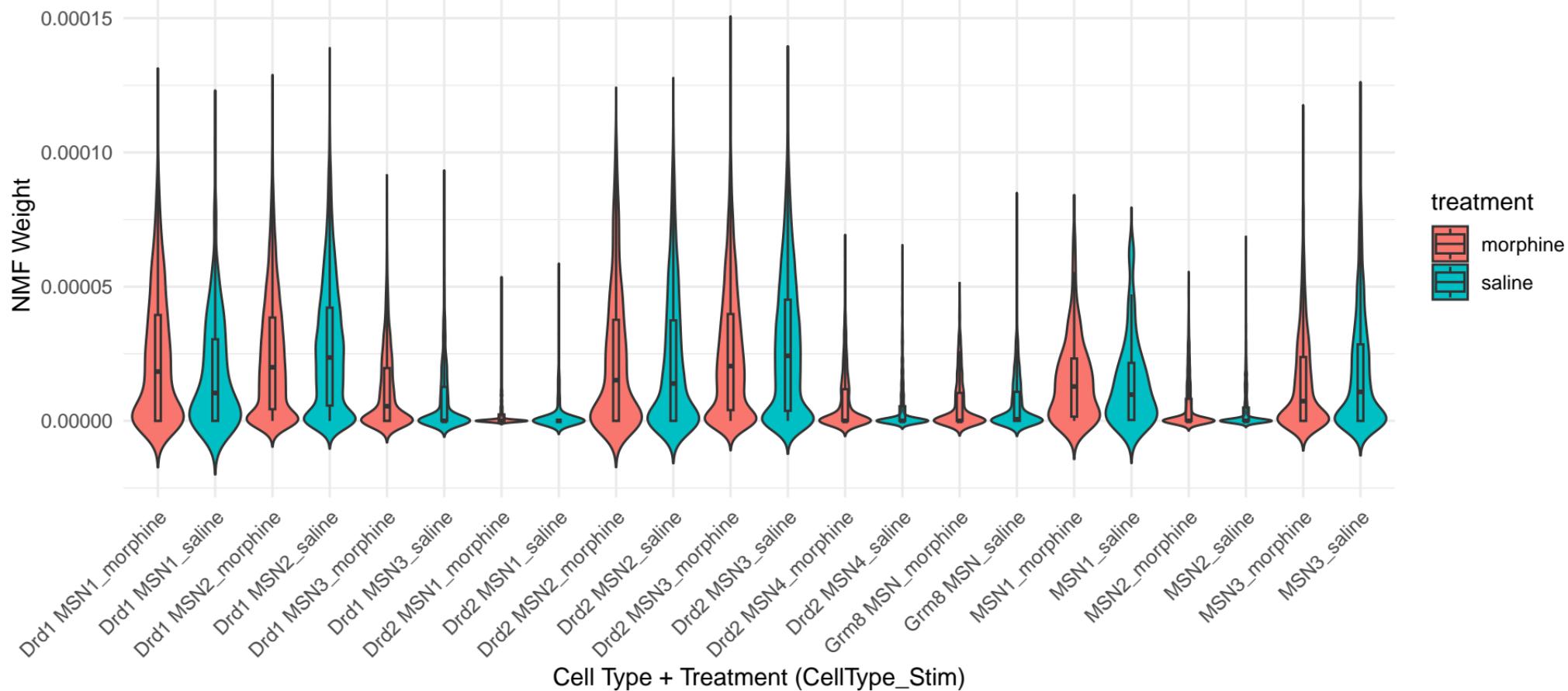
NMF Component: nmf33

Not significant



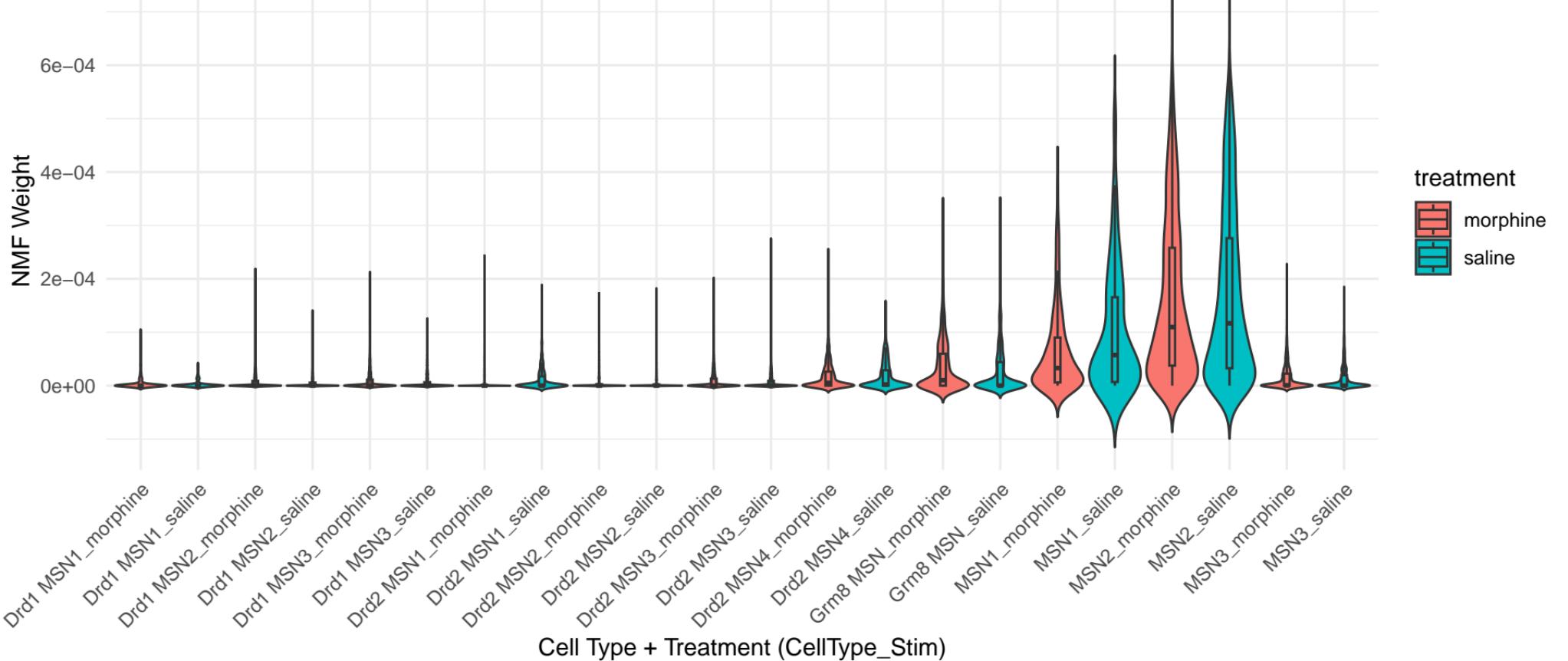
NMF Component: nmf34

Not significant



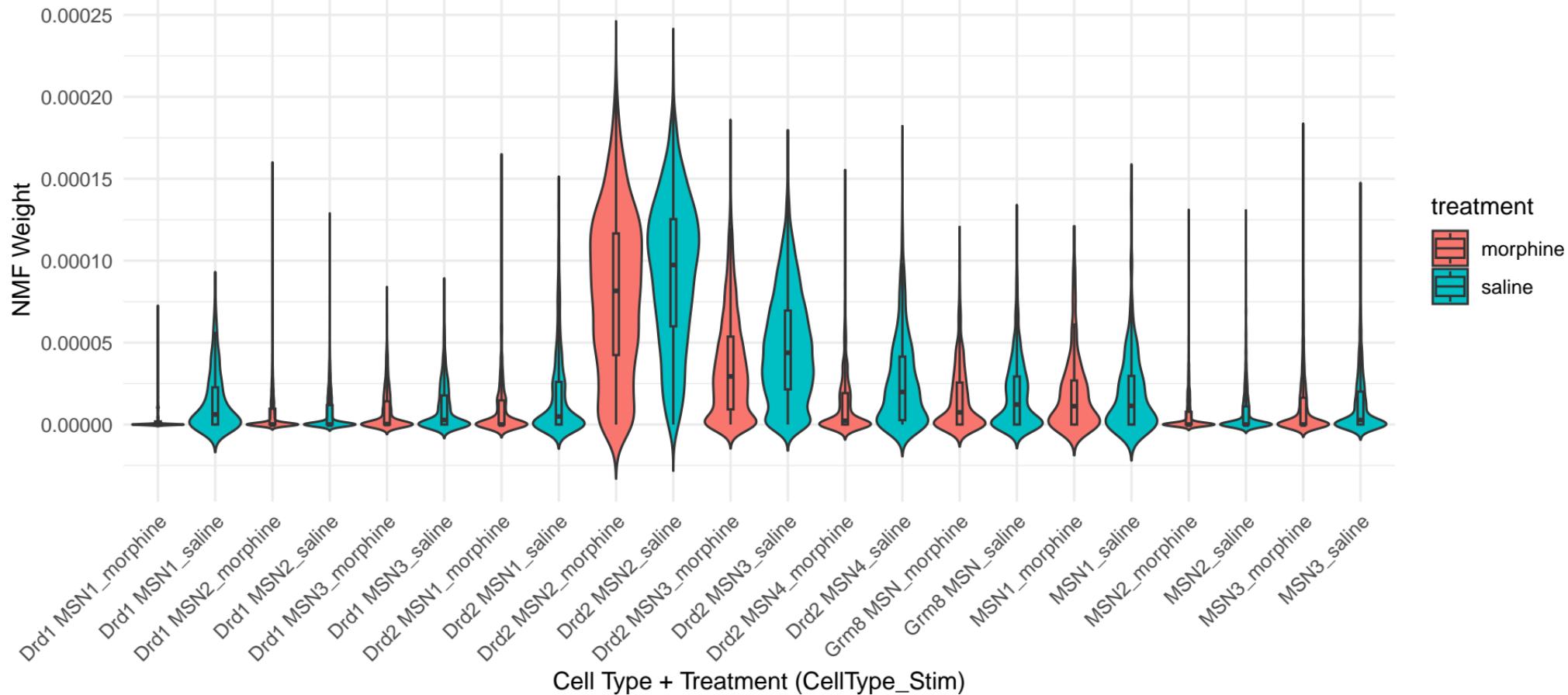
NMF Component: nmf35

Not significant



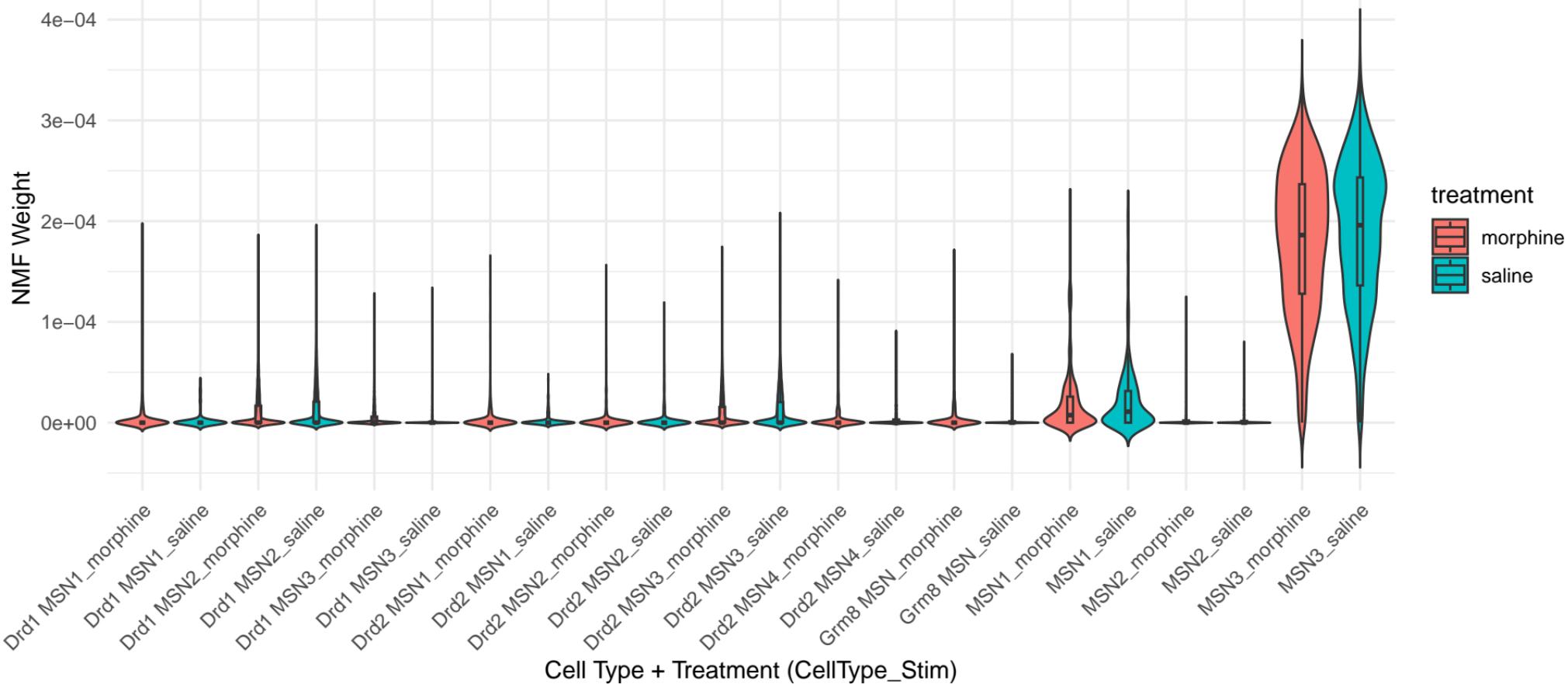
NMF Component: nmf36

Not significant



NMF Component: nmf37

Not significant



NMF Component: nmf38

Not significant

NMF Weight

0.00015

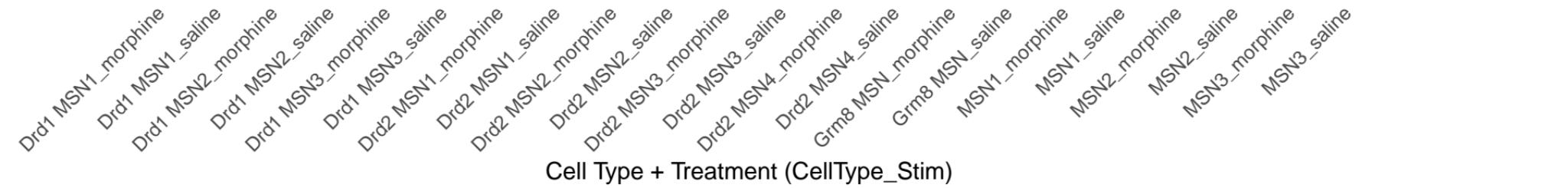
0.00005

0.00000

treatment

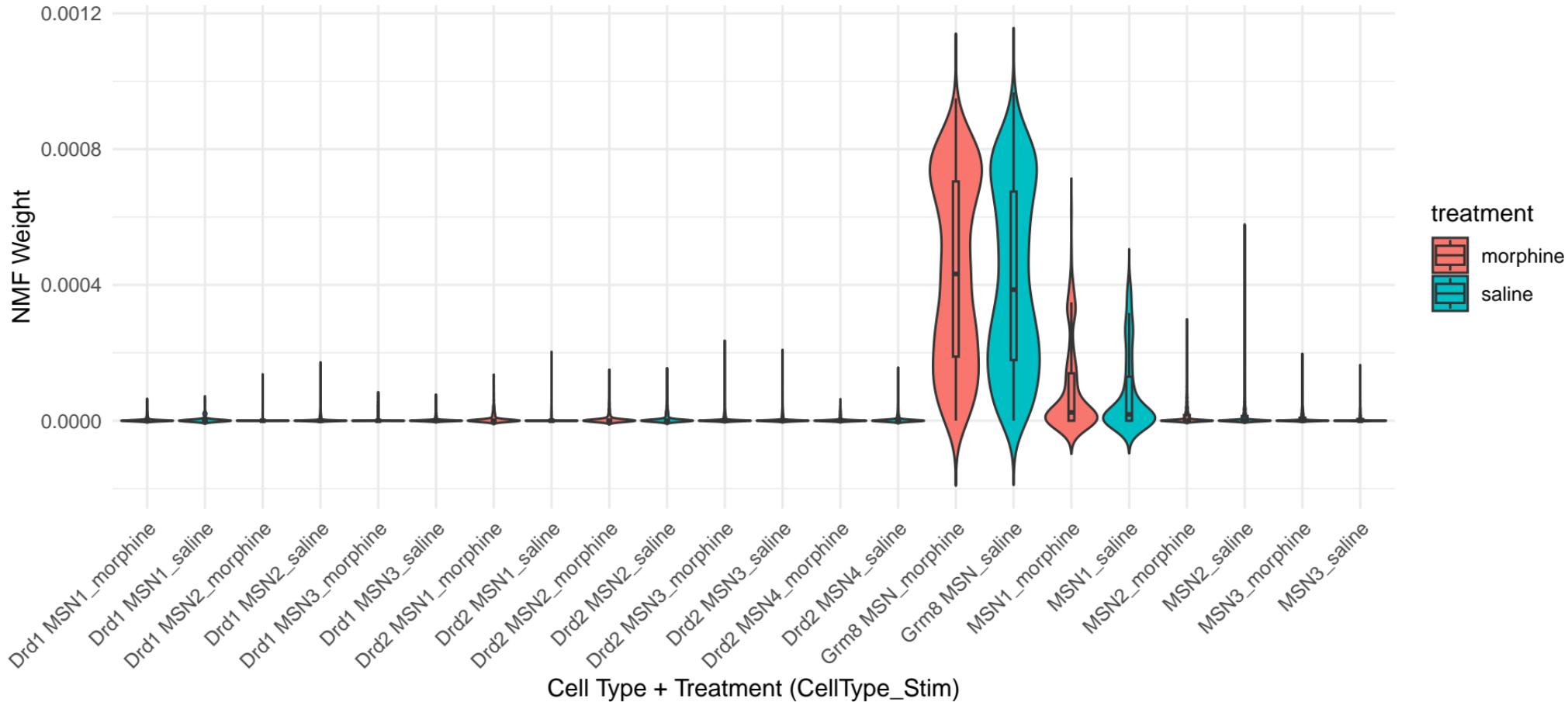
morphine

saline



NMF Component: nmf39

Not significant



NMF Component: nmf40

Not significant

NMF Weight

8e-05
4e-05
0e+00

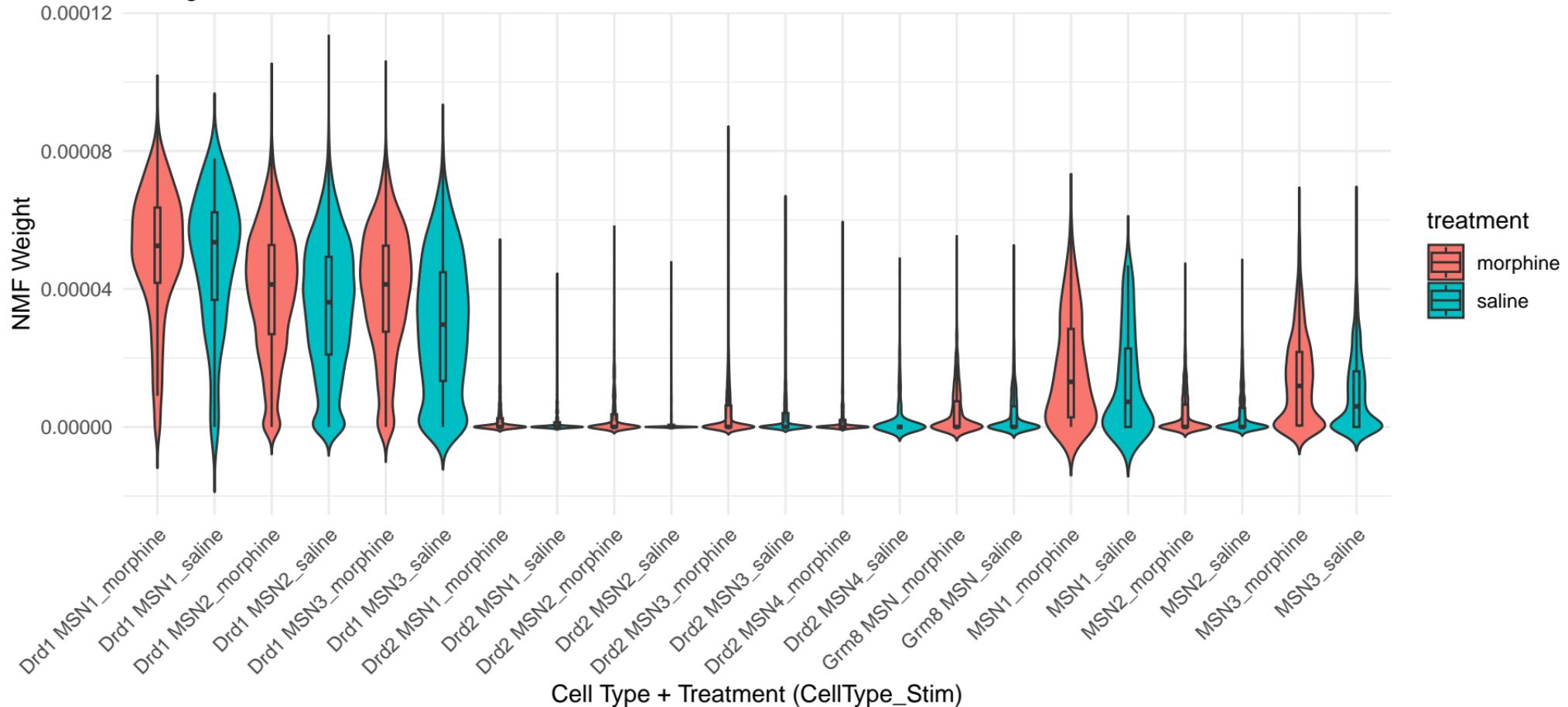
Drd1 MSN1_morphine Drd1 MSN1_saline Drd1 MSN2_morphine Drd1 MSN2_saline Drd1 MSN3_morphine Drd1 MSN3_saline Drd2 MSN1_morphine Drd2 MSN1_saline Drd2 MSN2_morphine Drd2 MSN2_saline Drd2 MSN3_morphine Drd2 MSN3_saline Drd2 MSN4_morphine Drd2 MSN4_saline Grm8 MSN_morphine Grm8 MSN_saline MSN1_morphine MSN1_saline MSN2_morphine MSN2_saline MSN3_morphine MSN3_saline

Cell Type + Treatment (CellType_Stim)

treatment
morphine
saline

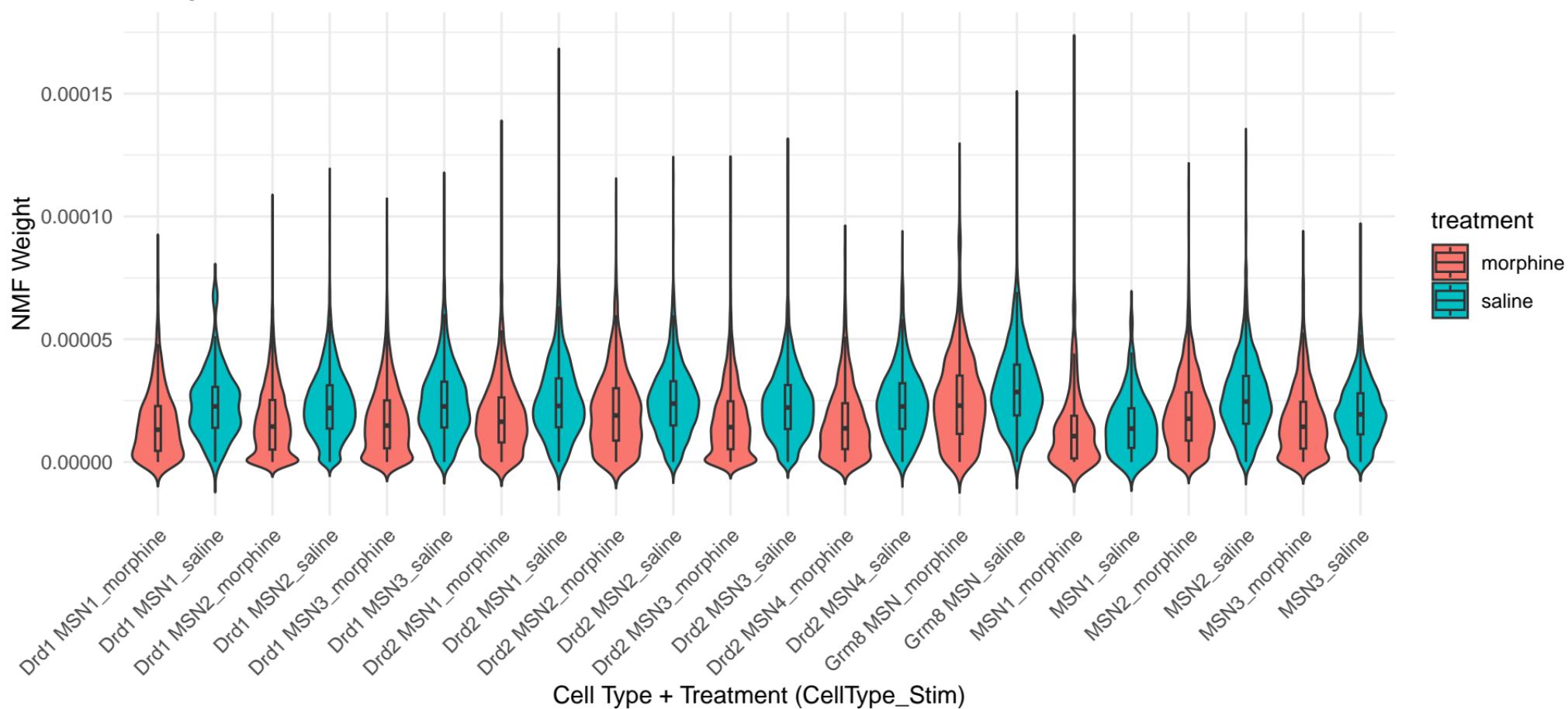
NMF Component: nmf42

Not significant



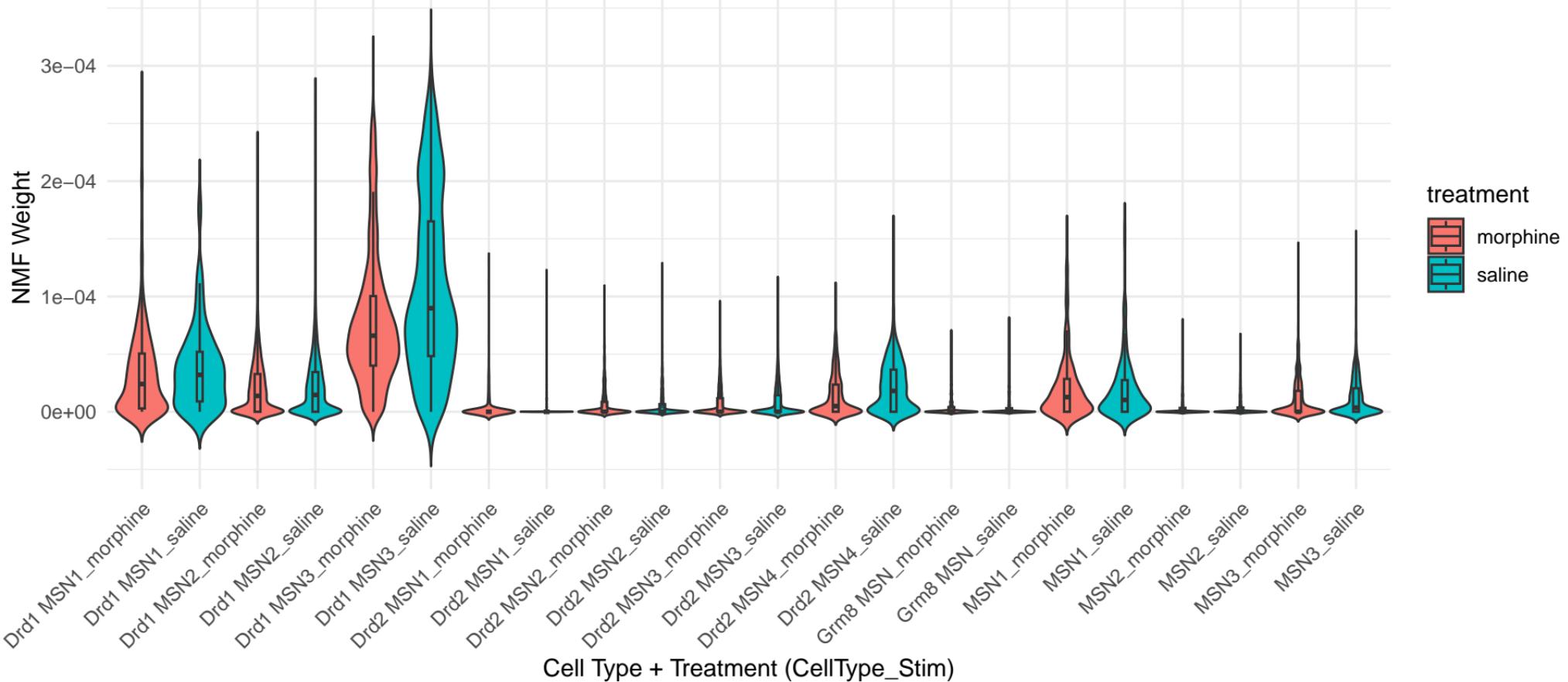
NMF Component: nmf43

Not significant



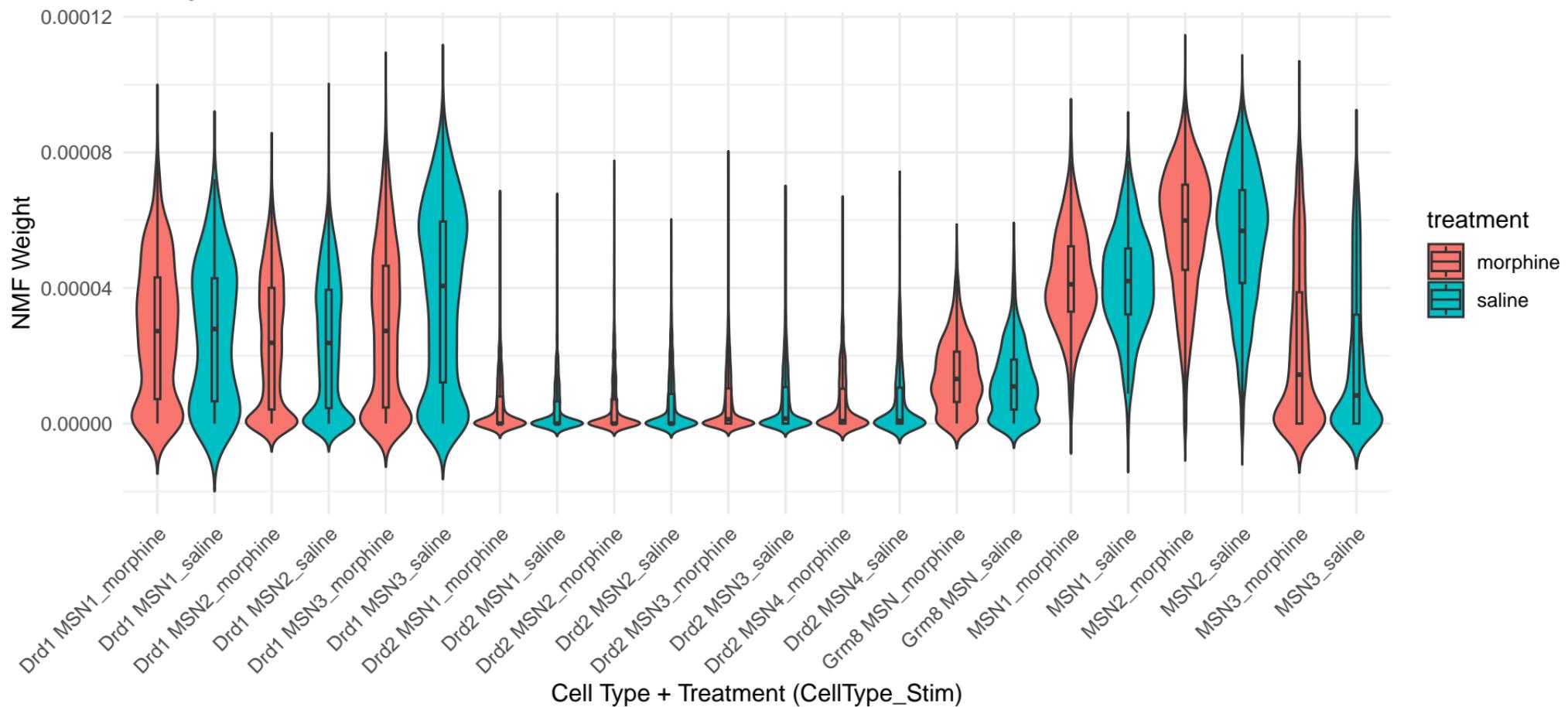
NMF Component: nmf44

Not significant



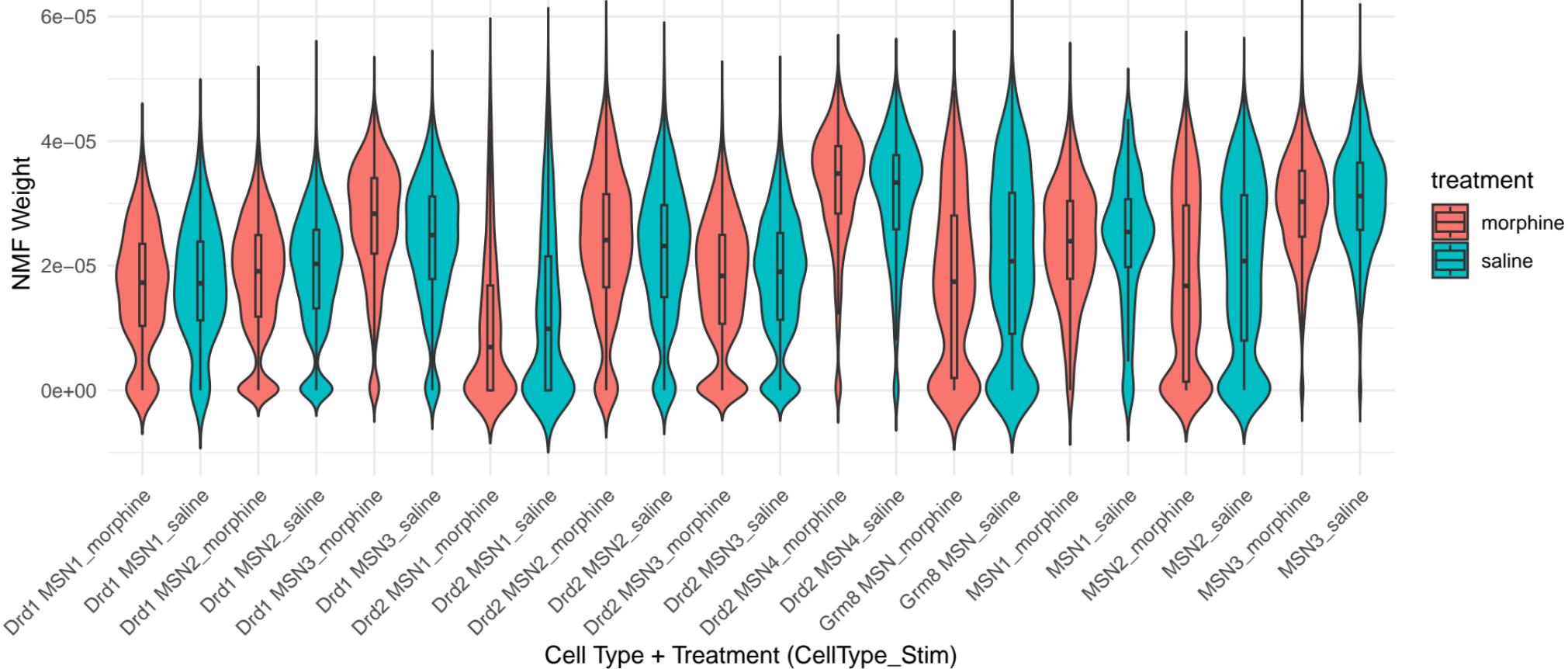
NMF Component: nmf45

Not significant



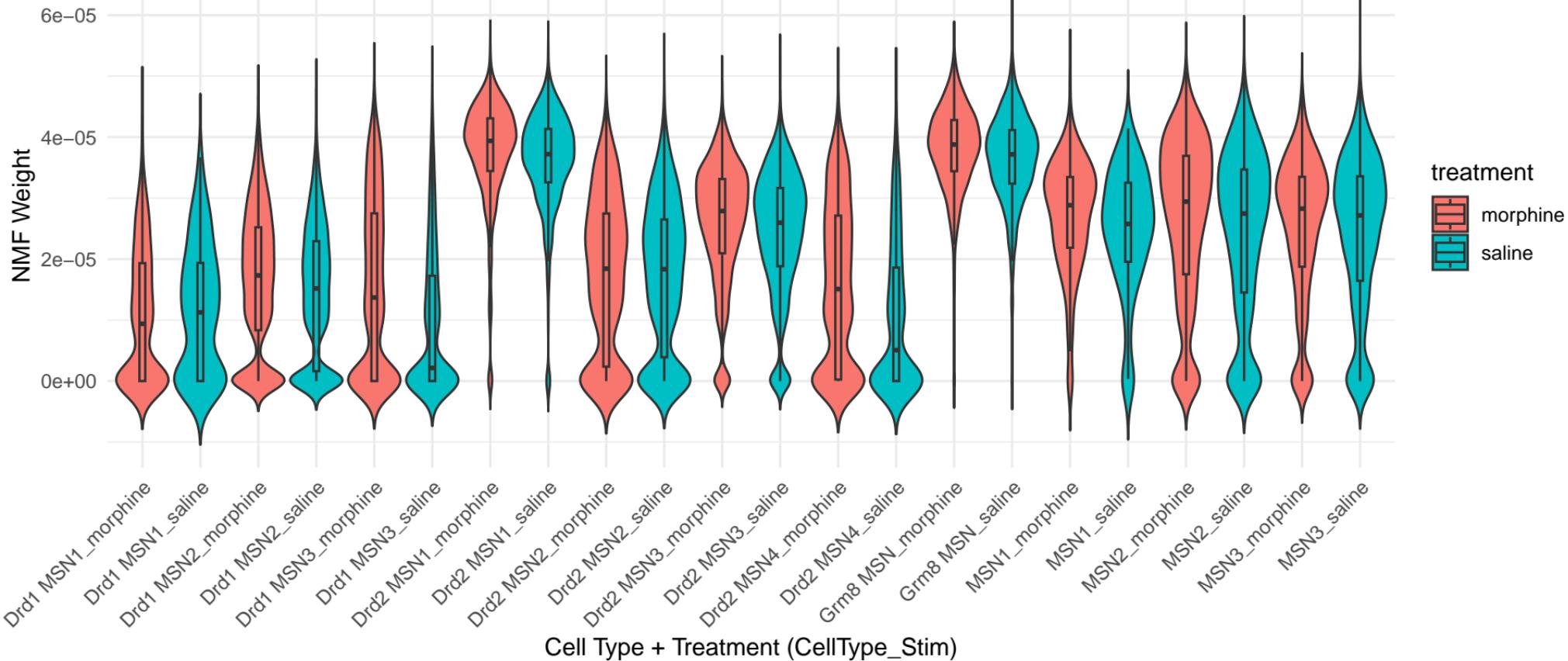
NMF Component: nmf46

Not significant



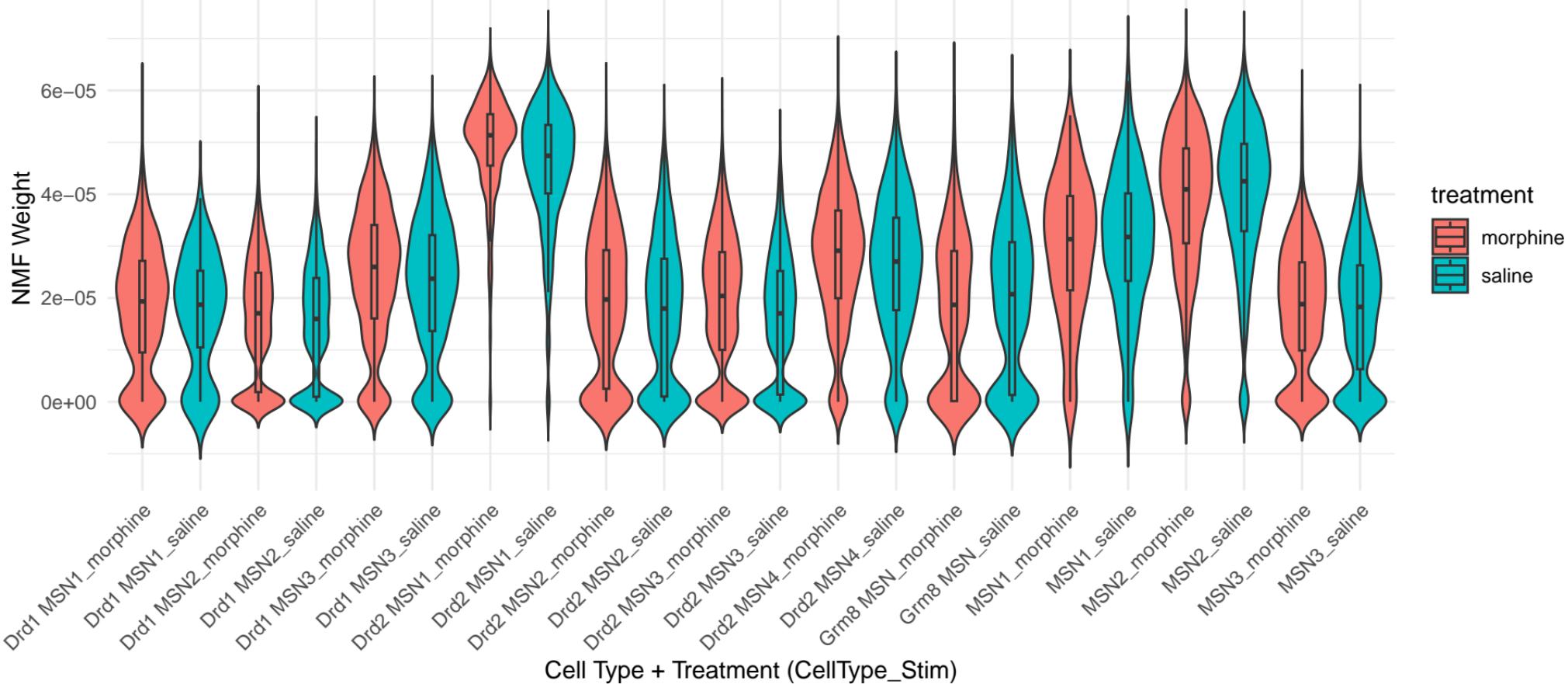
NMF Component: nmf47

Not significant



NMF Component: nmf48

Not significant



NMF Component: nmf49

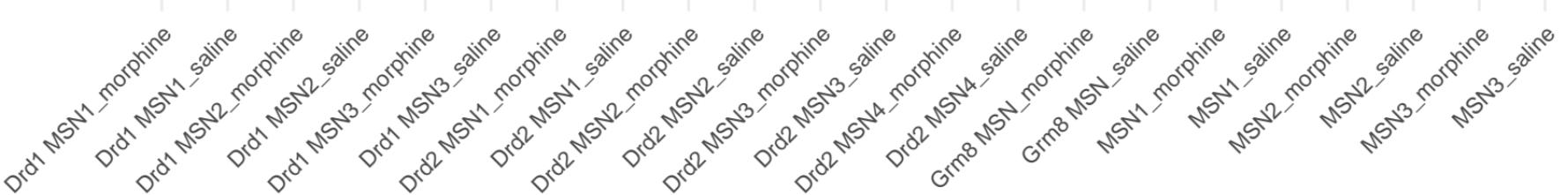
Not significant

NMF Weight

6e-05

3e-05

0e+00



NMF Component: nmf50

Not significant

