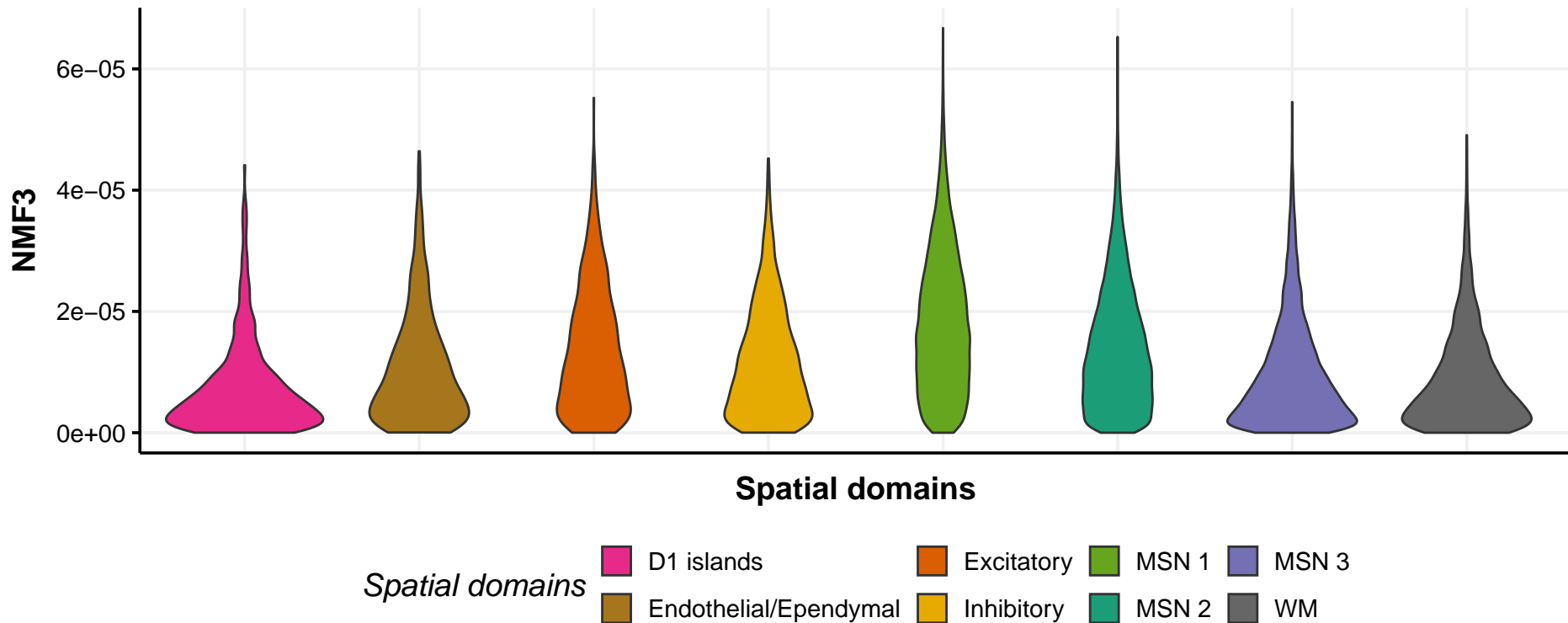
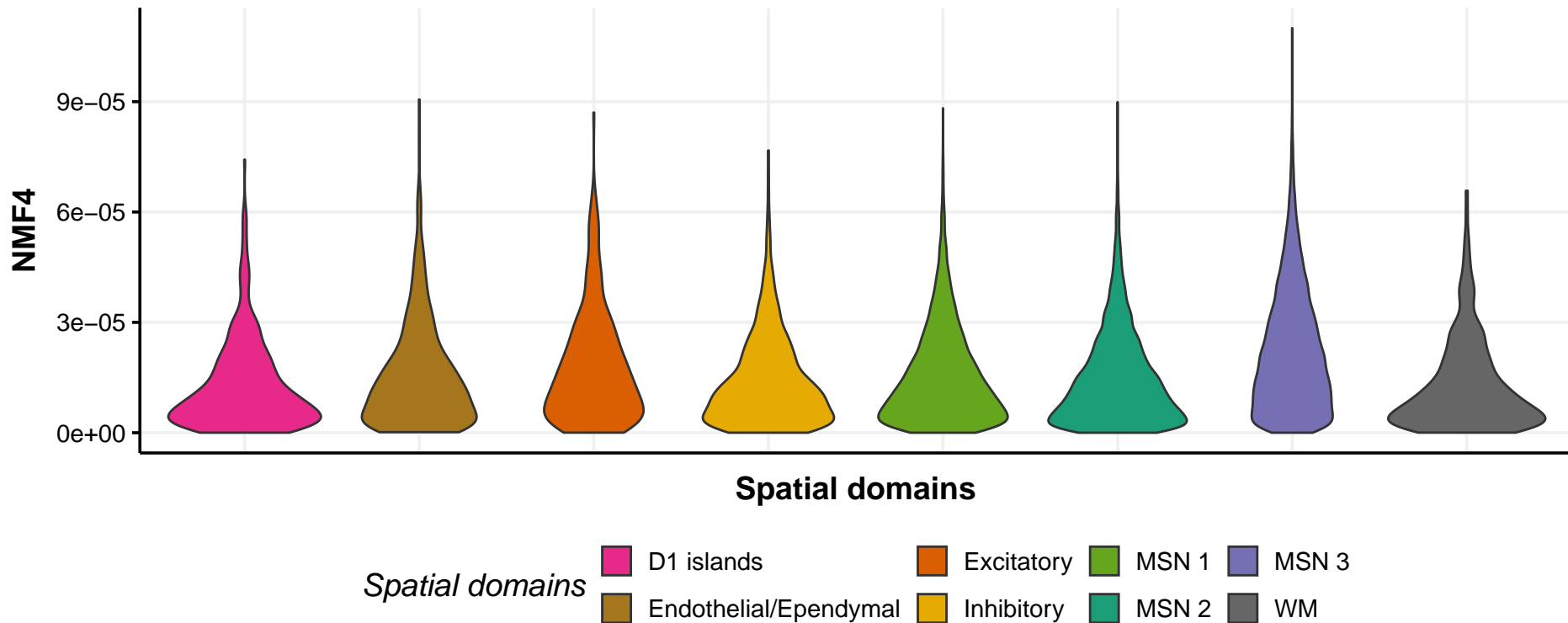


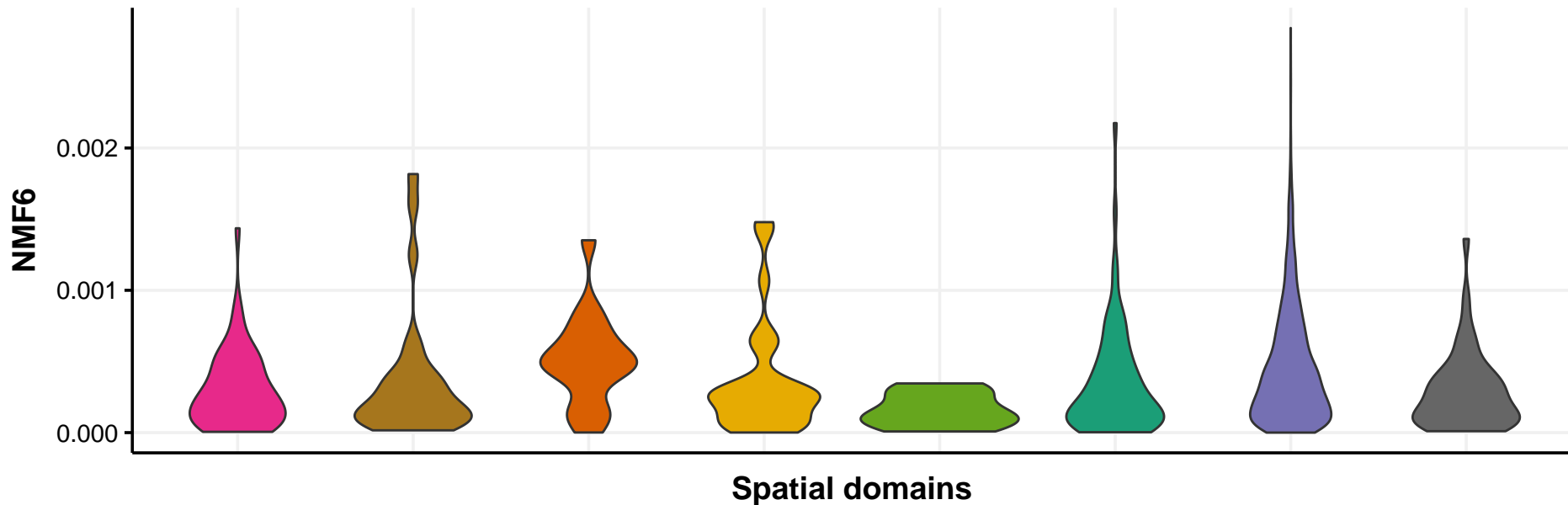
# NMF3



# NMF4



# NMF6



*Spatial domains*

D1 islands

Endothelial/Ependymal

Excitatory

Inhibitory

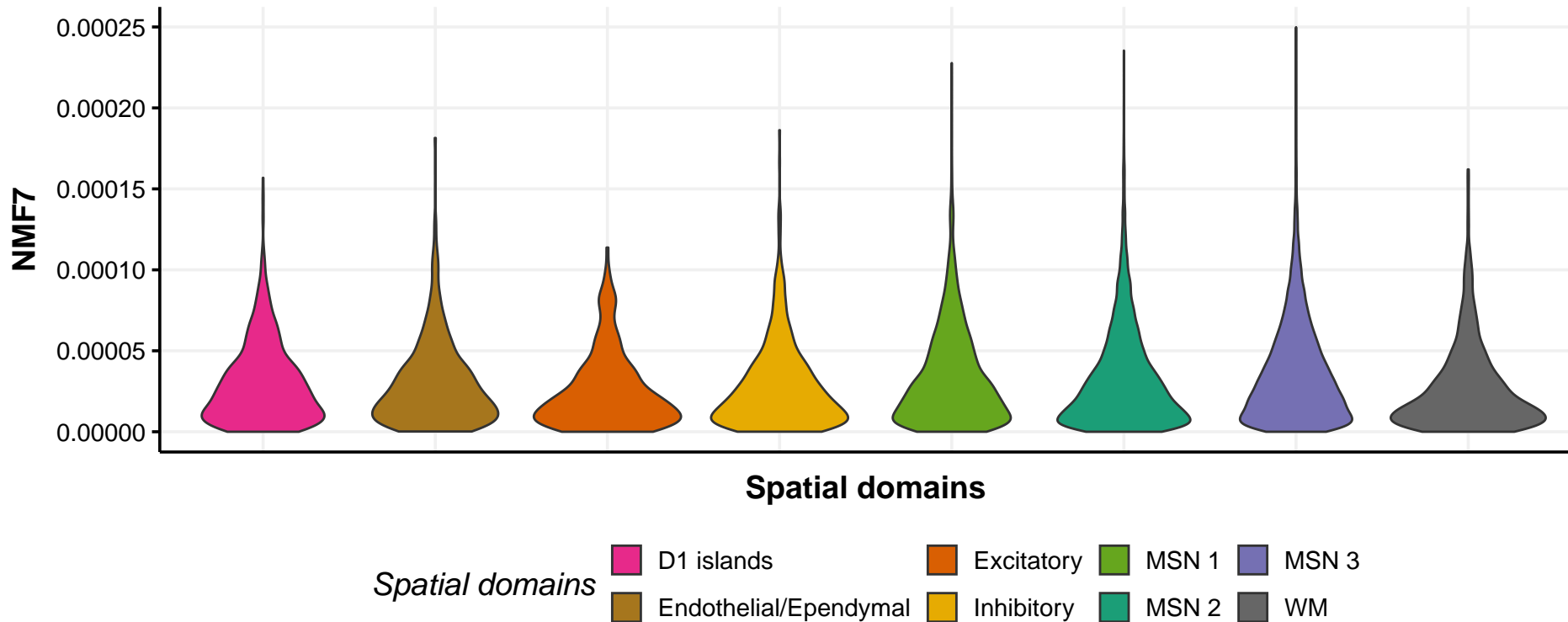
MSN 1

MSN 2

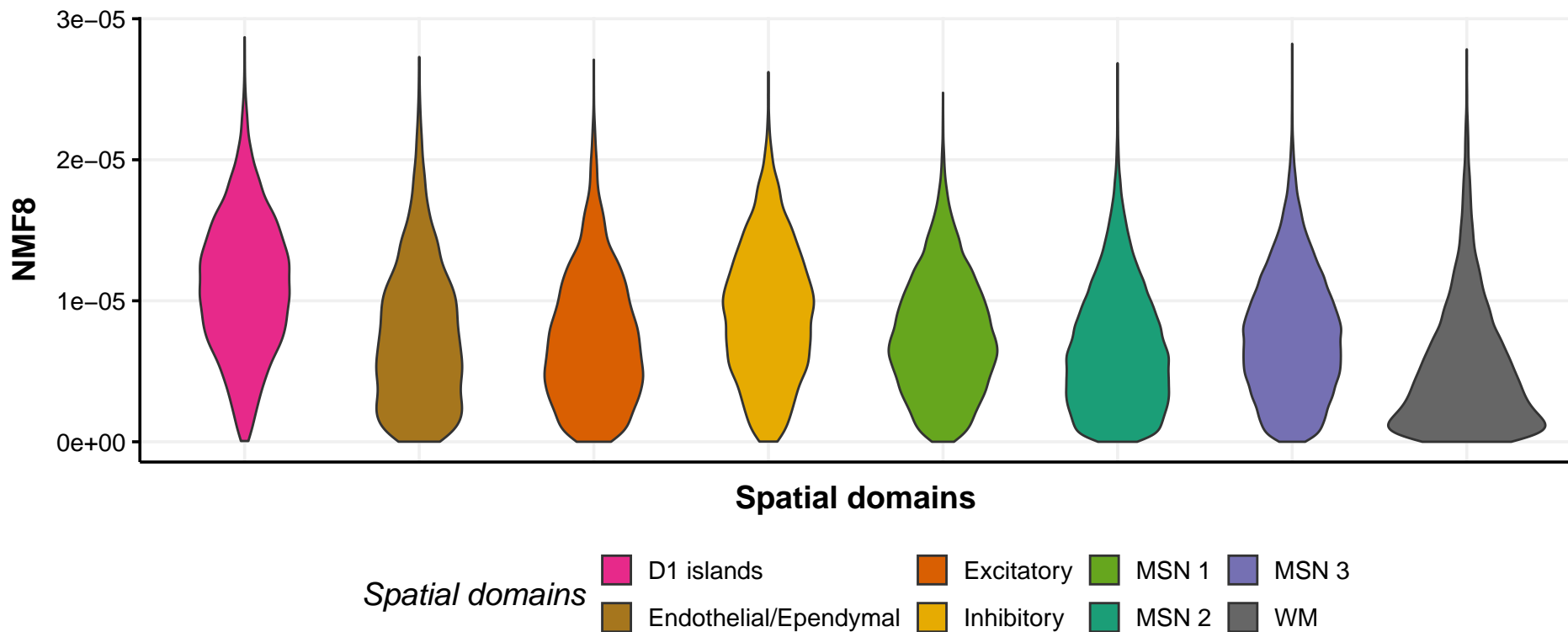
MSN 3

WM

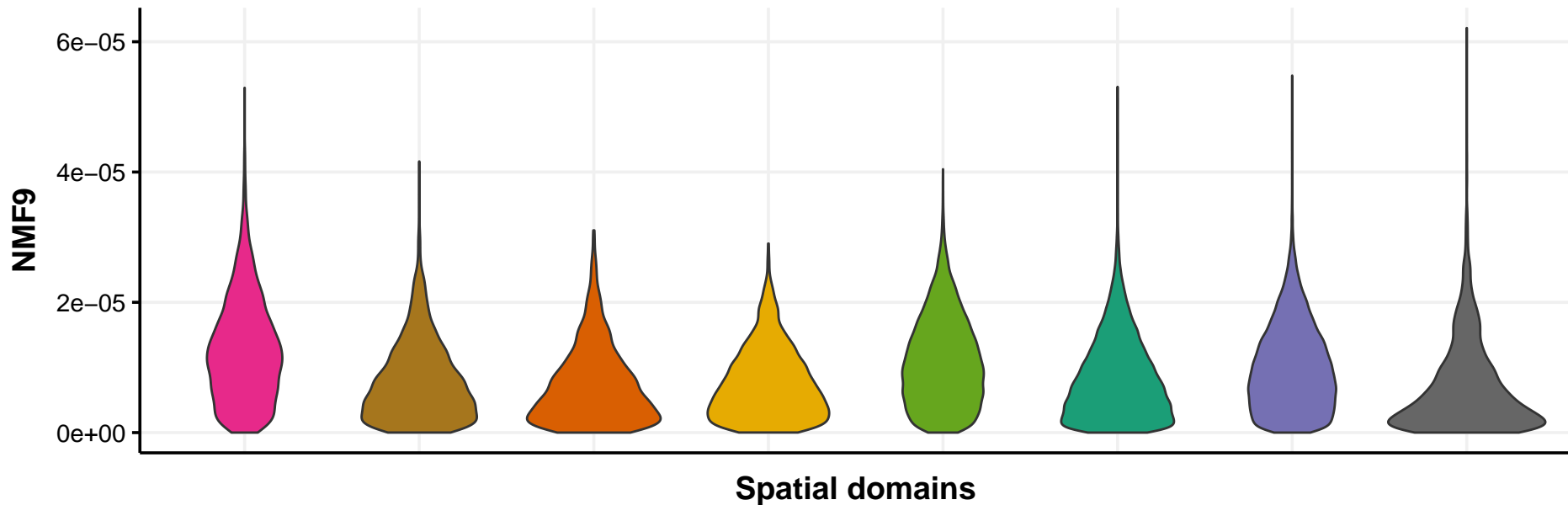
# NMF7



## NMF8



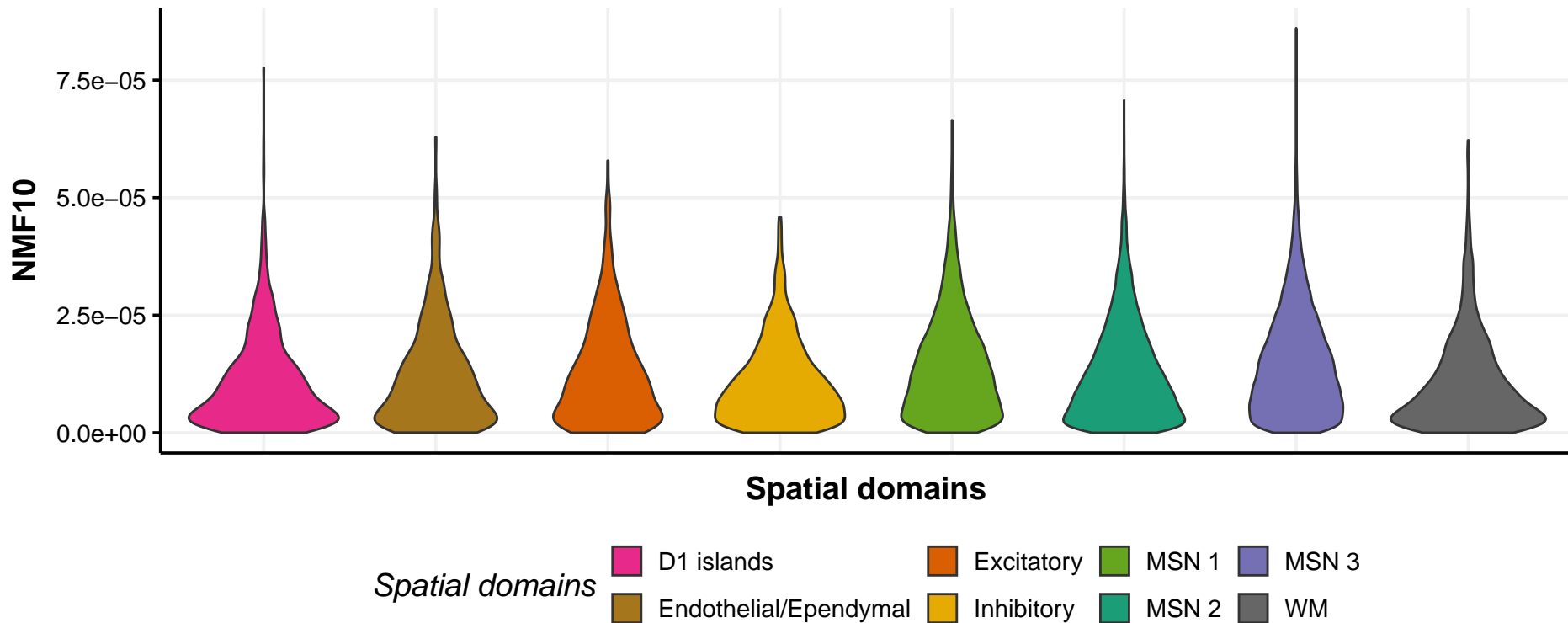
# NMF9



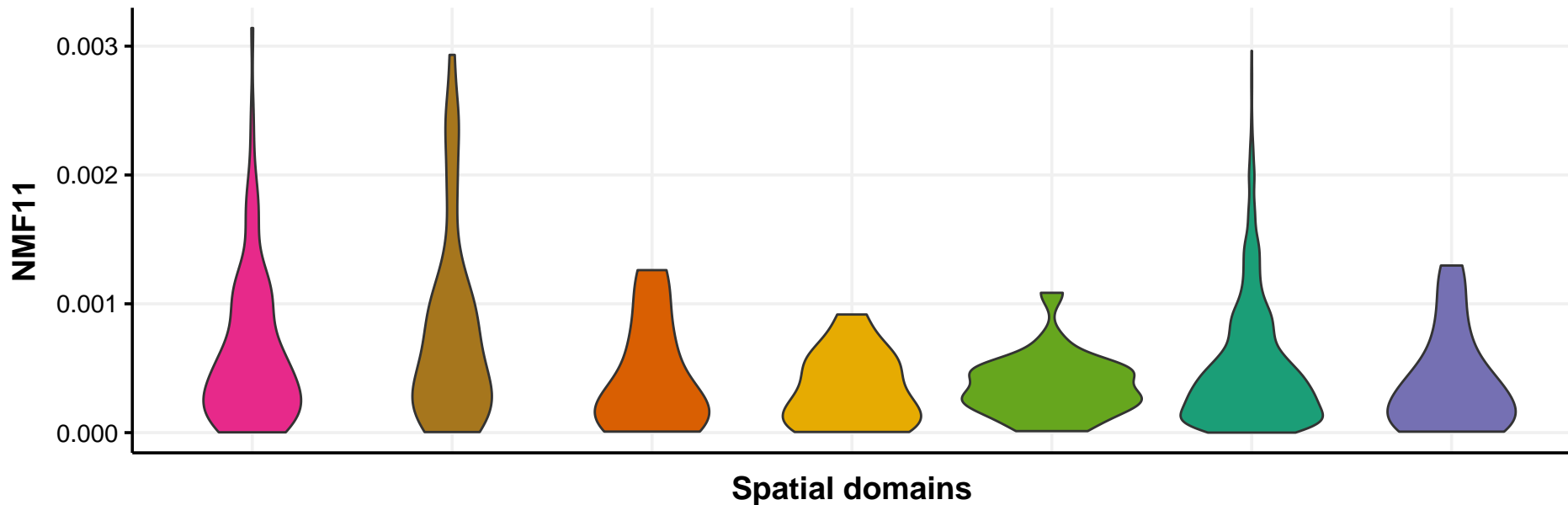
*Spatial domains*



# NMF10



# NMF11

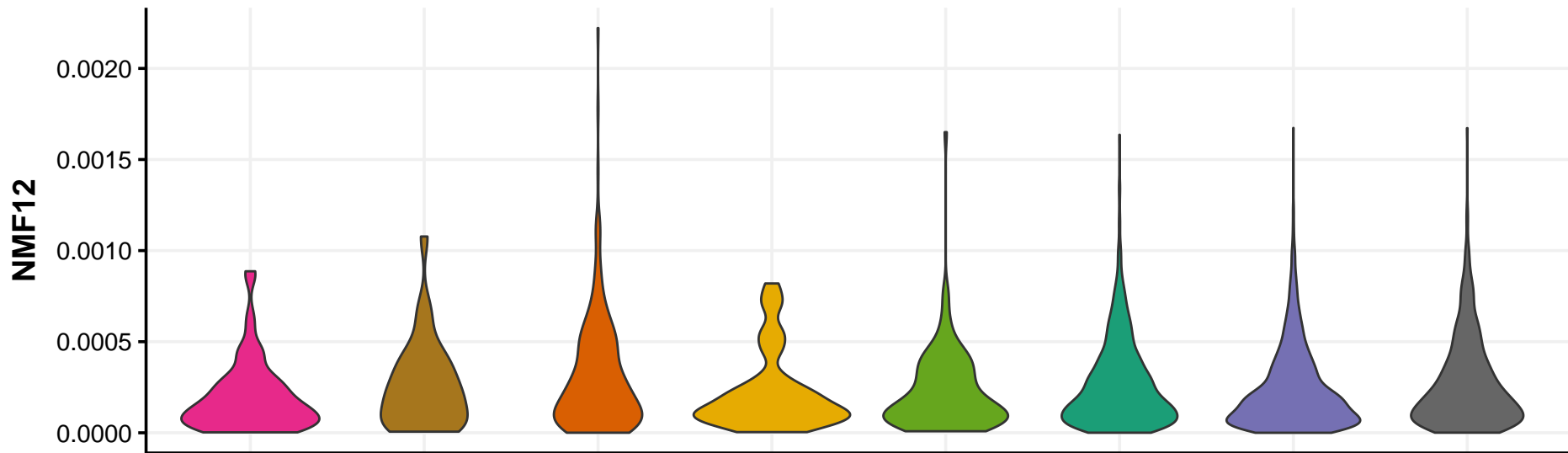


*Spatial domains*





# NMF12

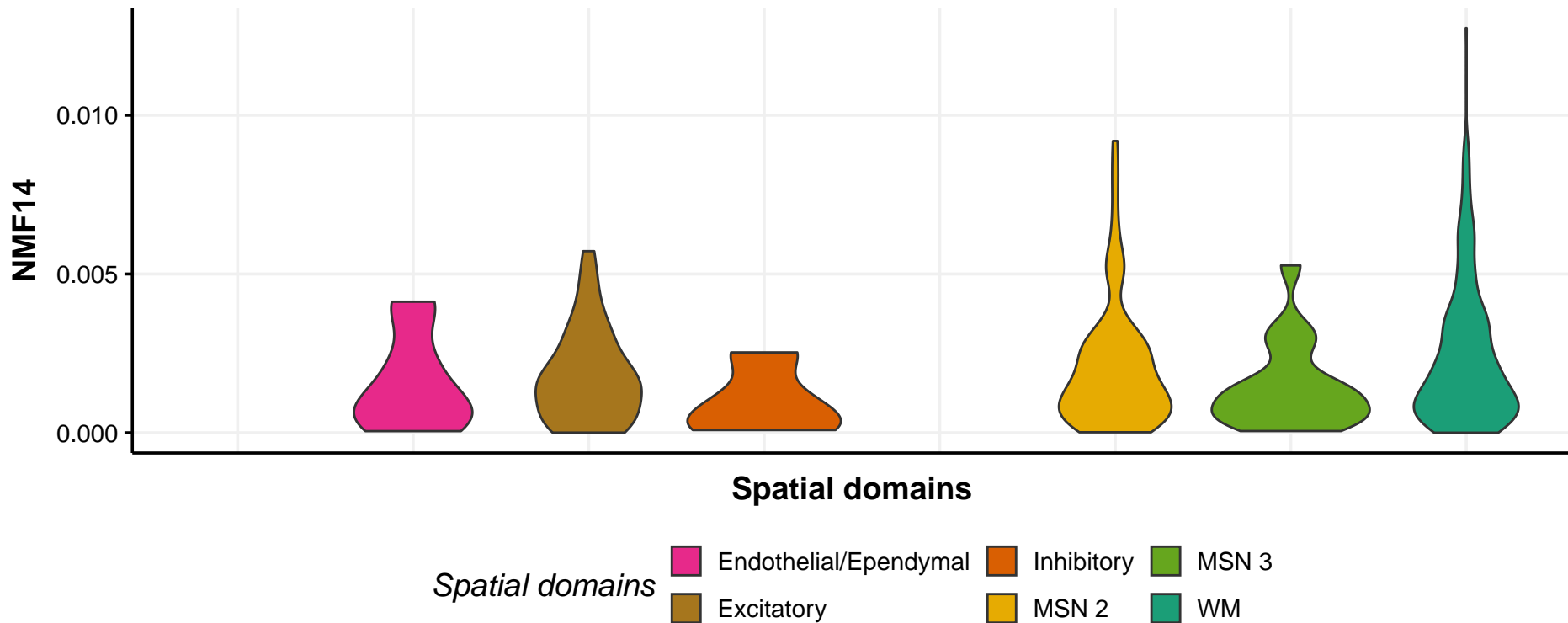


**Spatial domains**

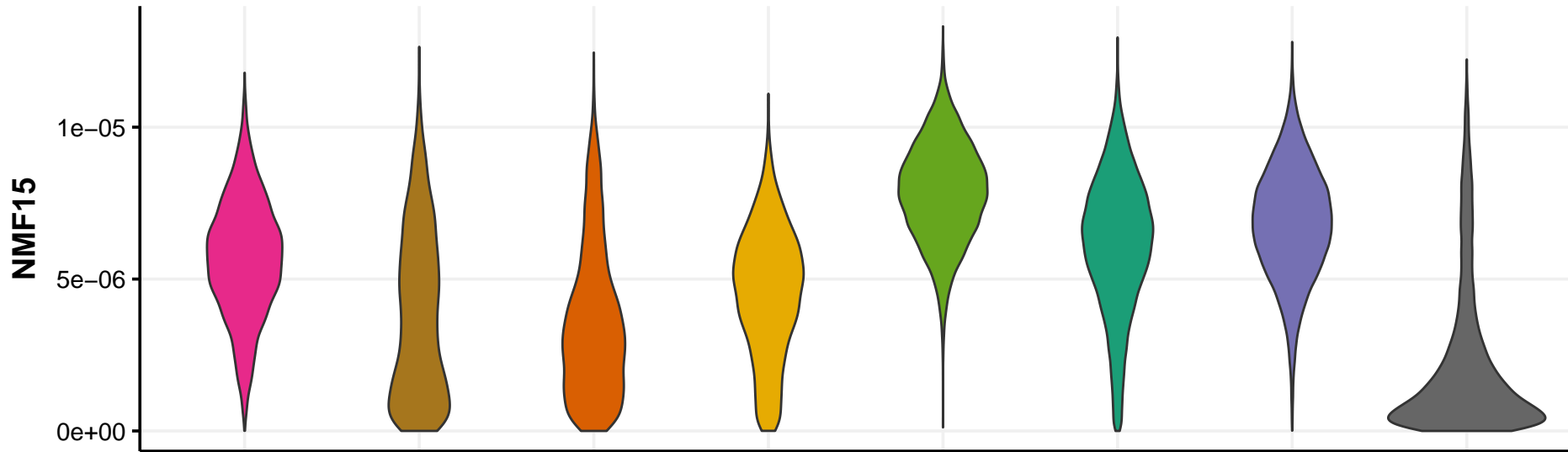
*Spatial domains*



# NMF14



# NMF15

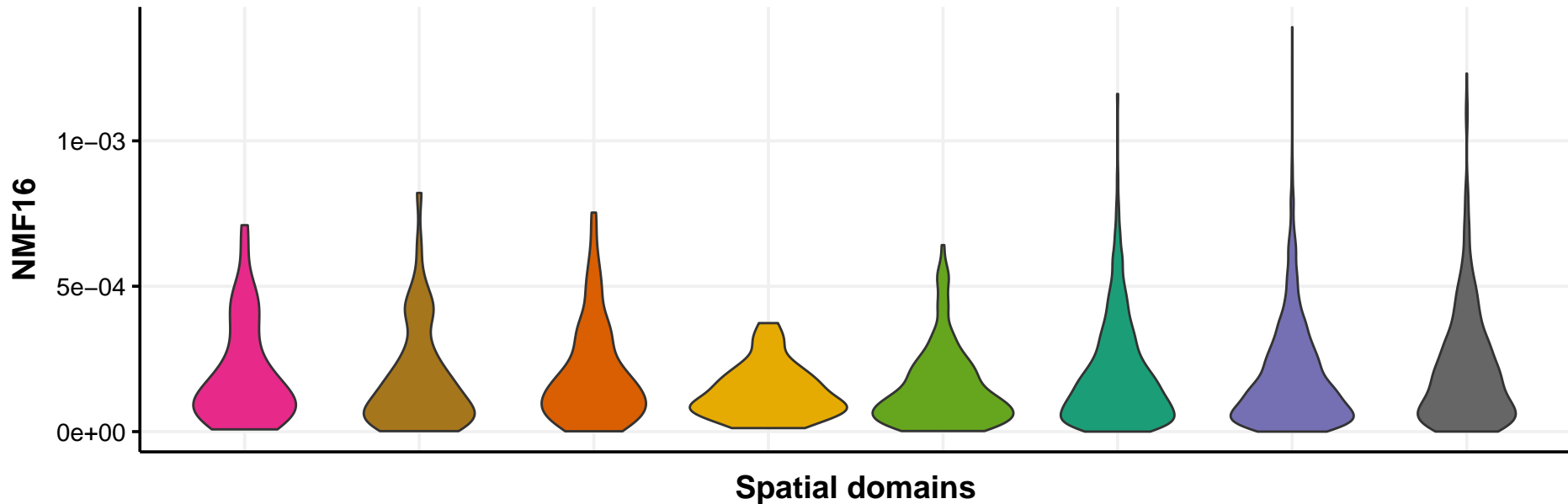


Spatial domains

*Spatial domains*



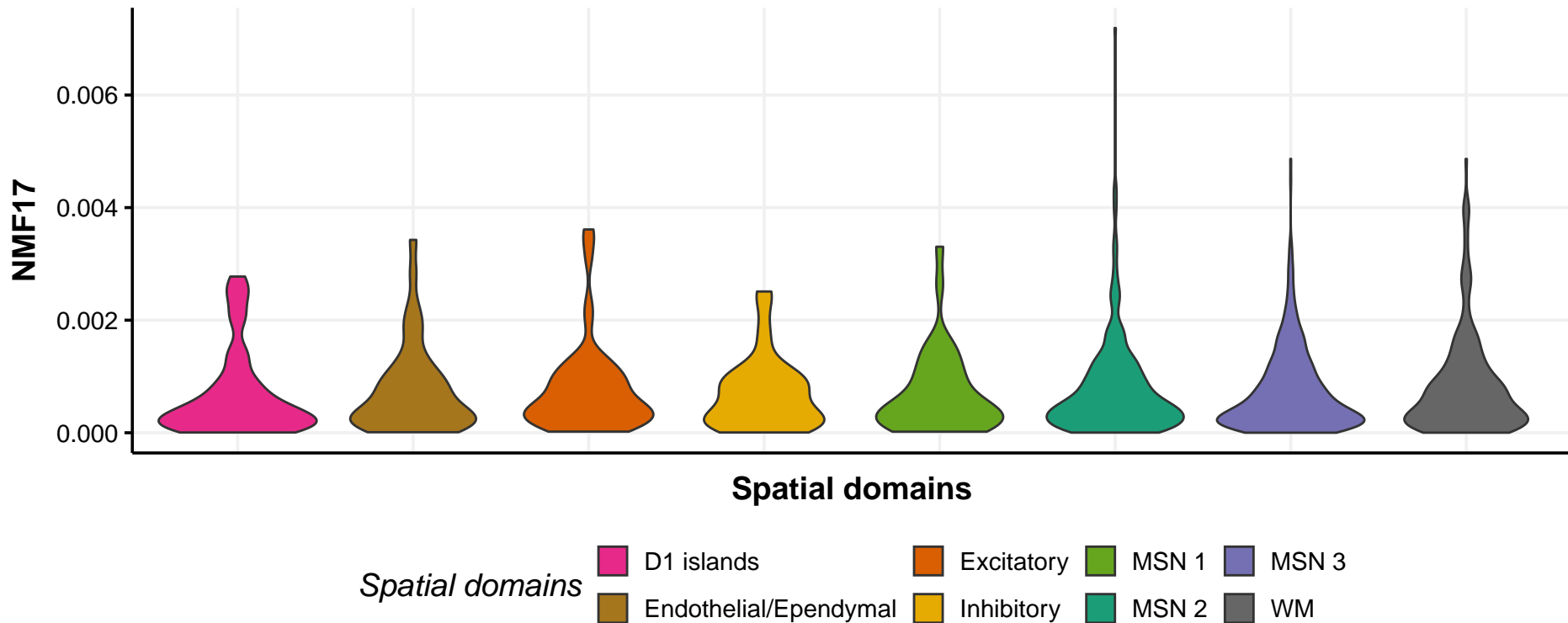
# NMF16



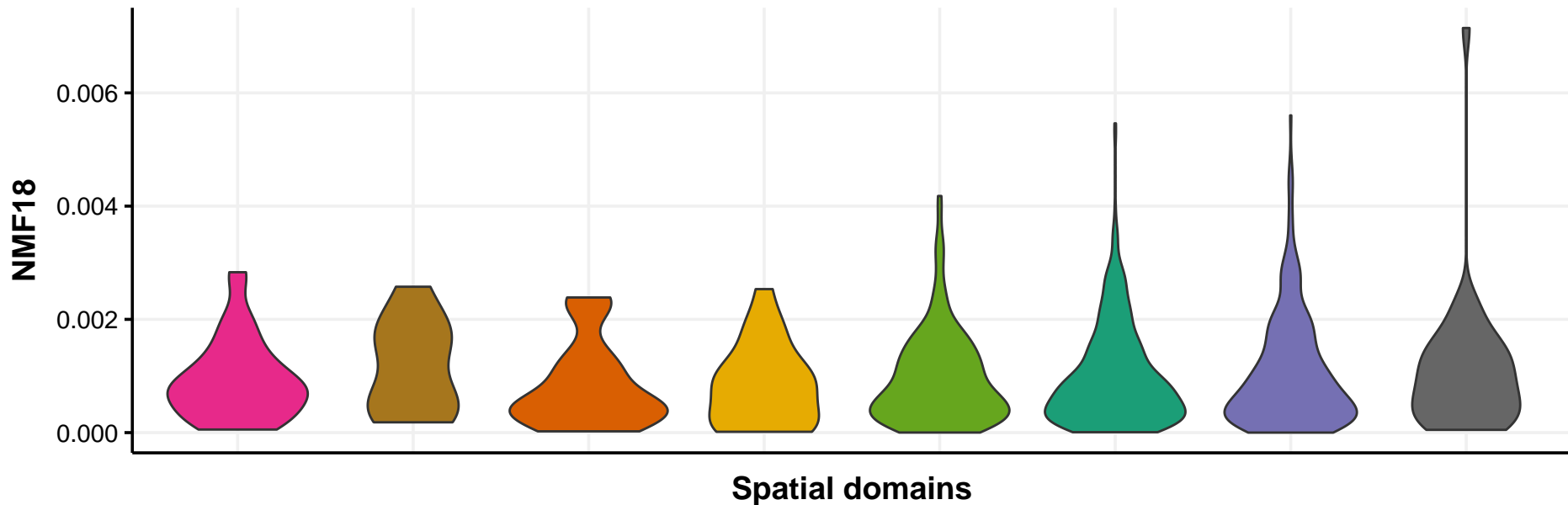
*Spatial domains*

D1 islands	Excitatory	MSN 1	MSN 3
Endothelial/Ependymal	Inhibitory	MSN 2	WM

# NMF17



## NMF18



*Spatial domains*

D1 islands

Endothelial/Ependymal

Excitatory

Inhibitory

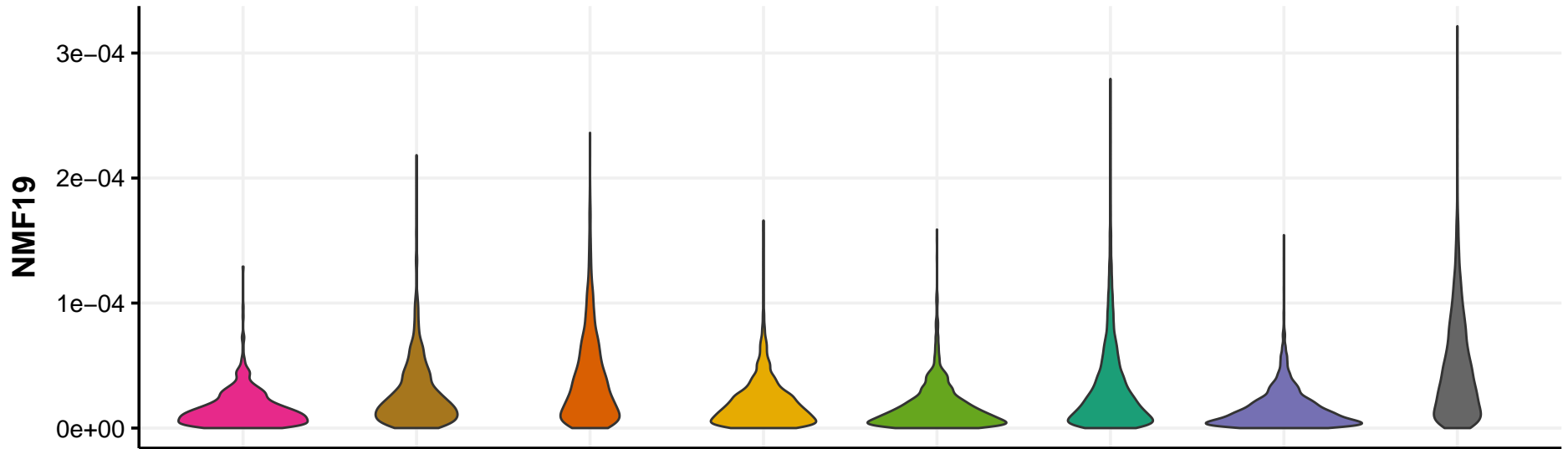
MSN 1

MSN 2

MSN 3

WM

# NMF19

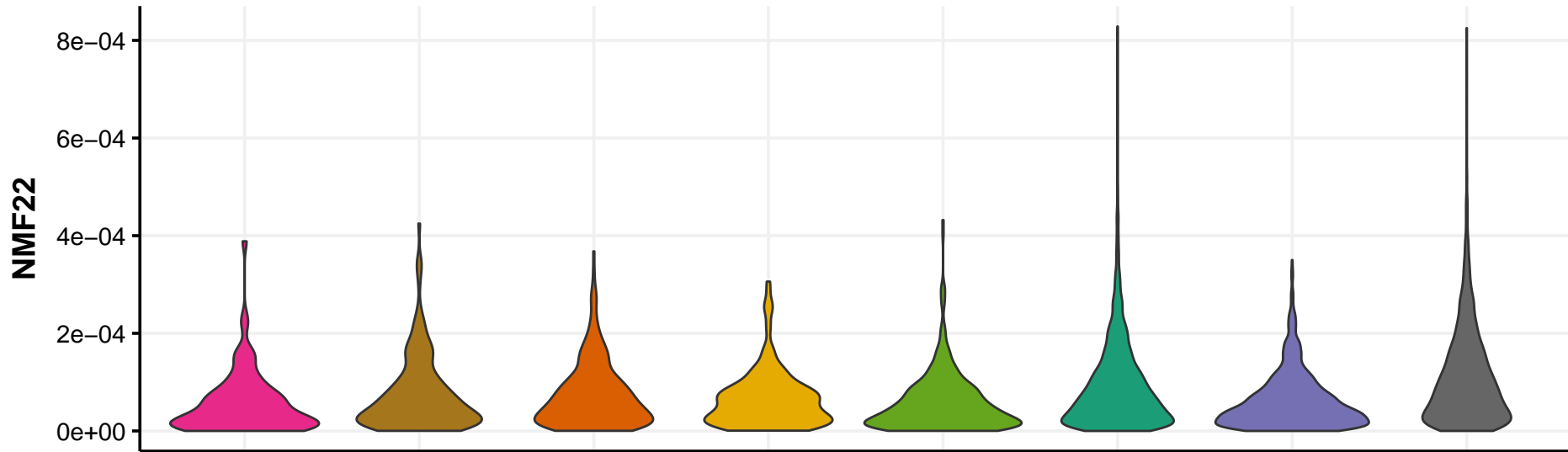


**Spatial domains**

*Spatial domains*



# NMF22



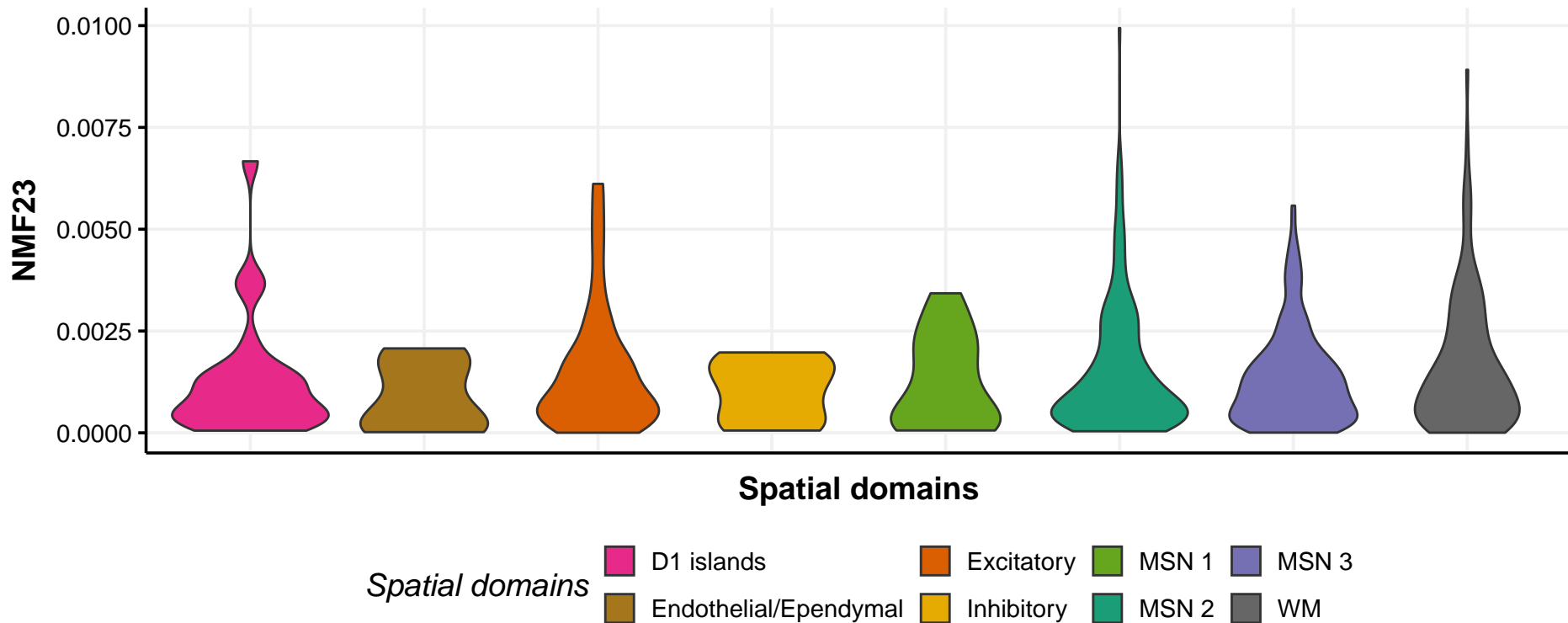
Spatial domains

*Spatial domains*

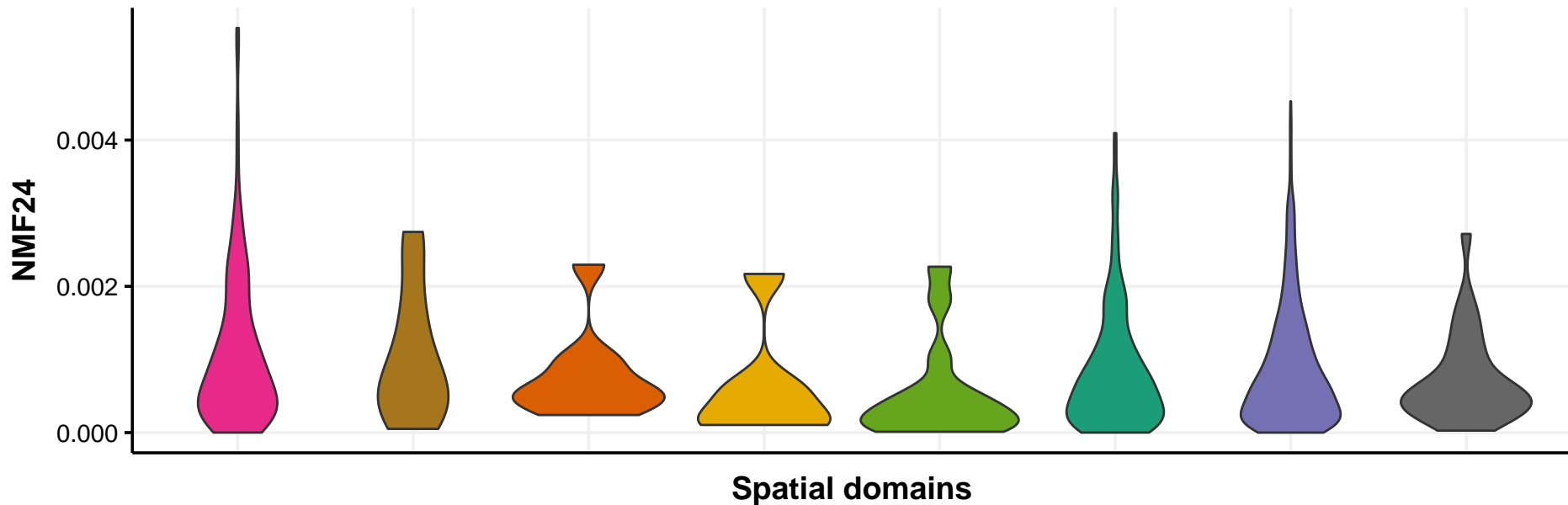




## NMF23



## NMF24



*Spatial domains*

D1 islands

Endothelial/Ependymal

Excitatory

Inhibitory

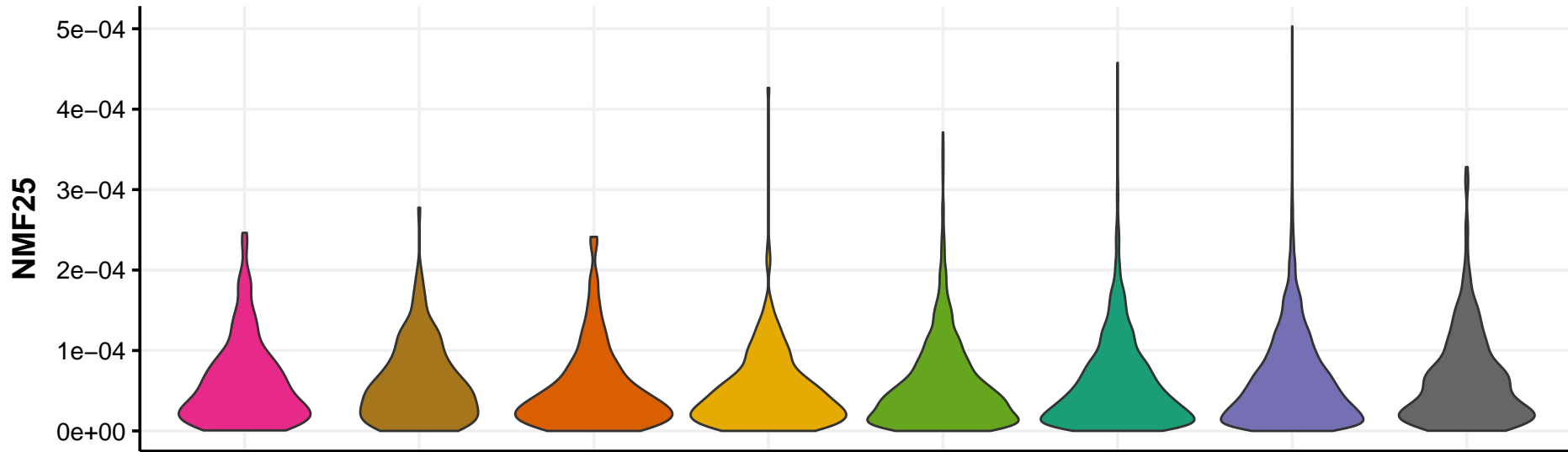
MSN 1

MSN 2

MSN 3

WM

# NMF25

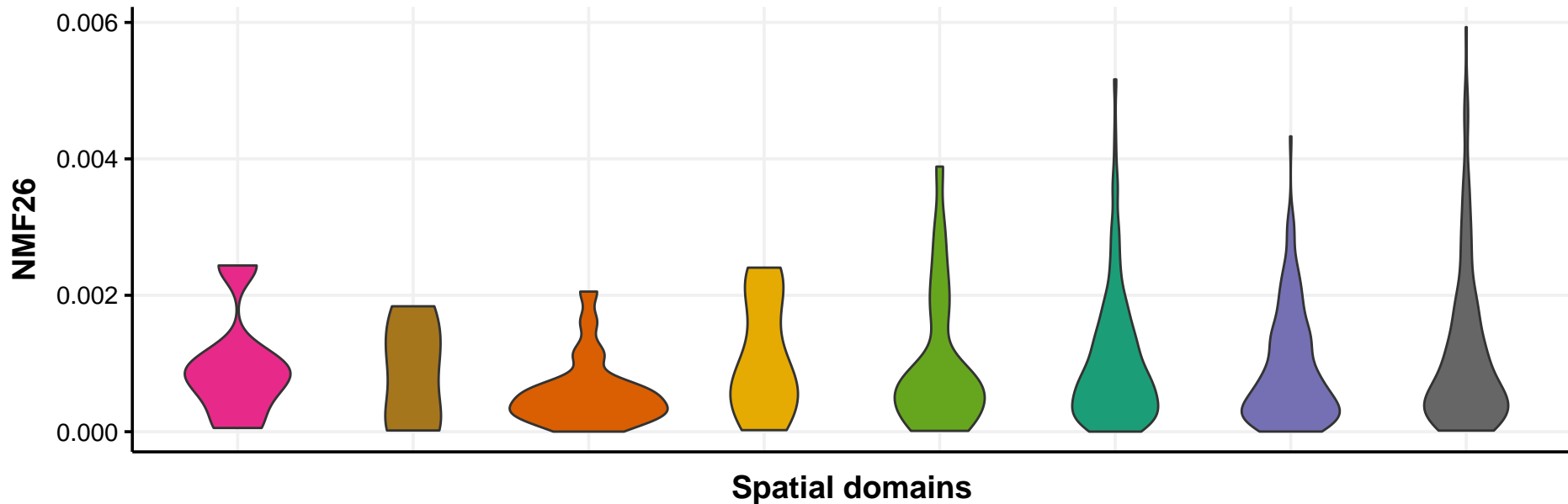


**Spatial domains**

*Spatial domains*



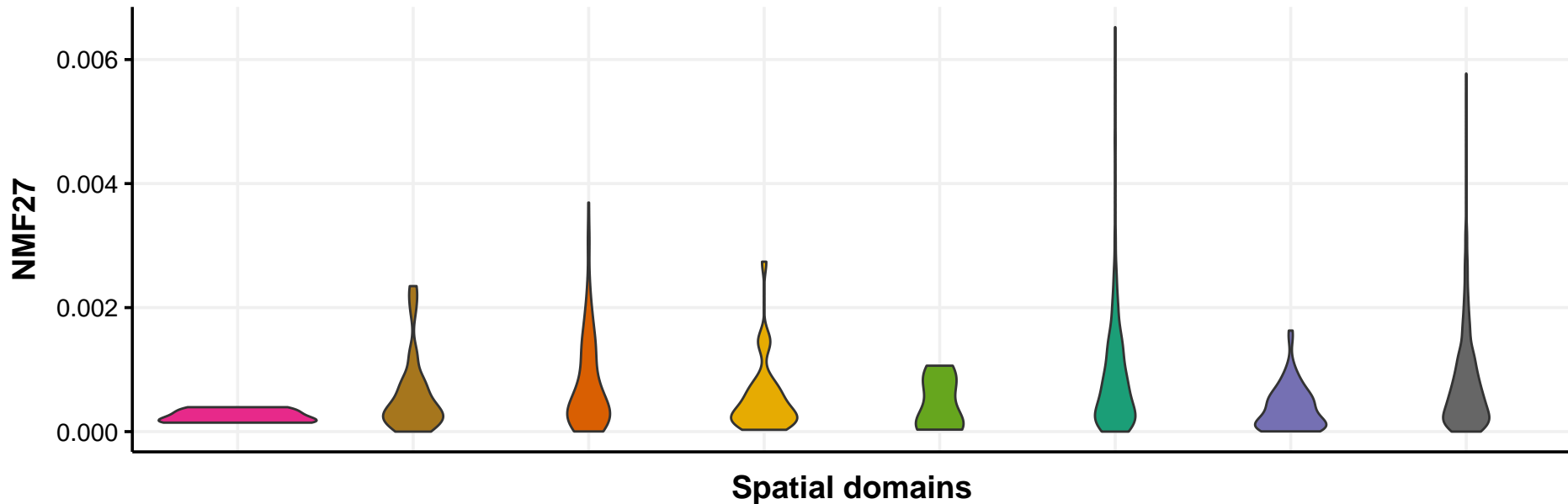
## NMF26



*Spatial domains*



## NMF27



*Spatial domains*

D1 islands

Endothelial/Ependymal

Excitatory

Inhibitory

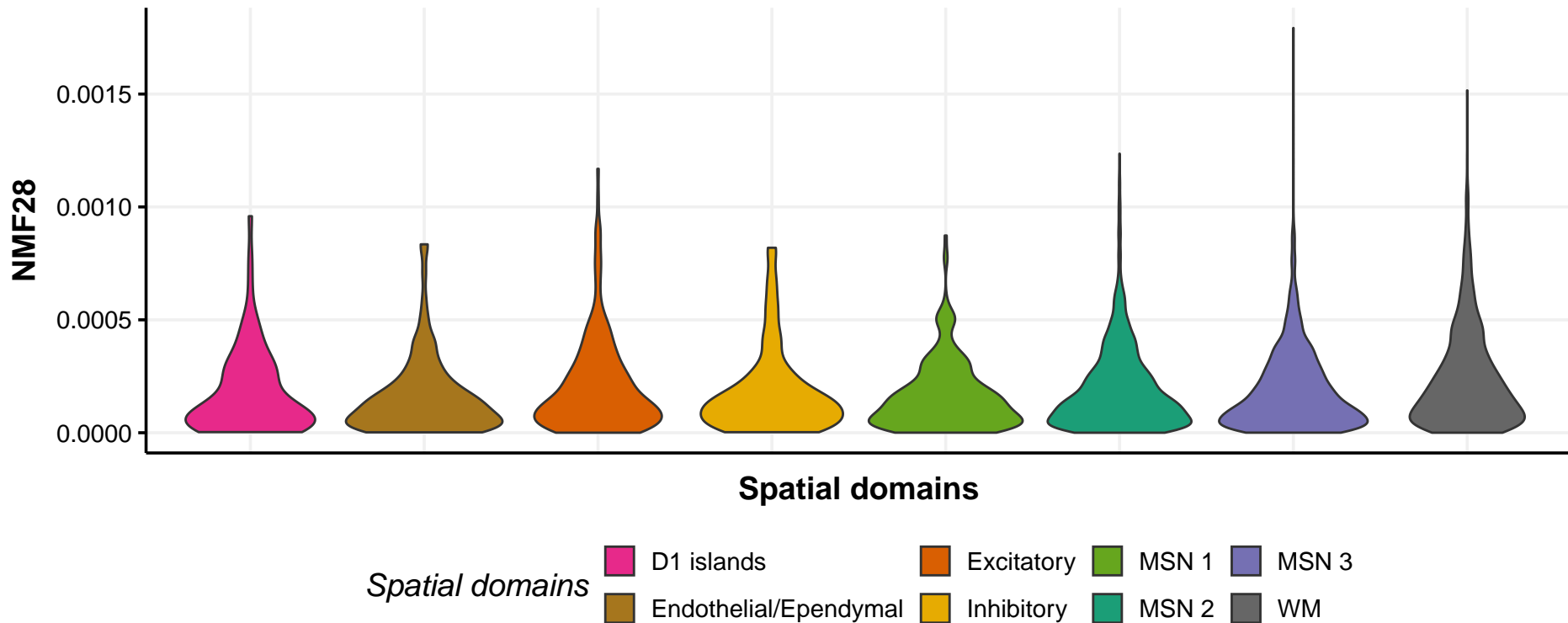
MSN 1

MSN 2

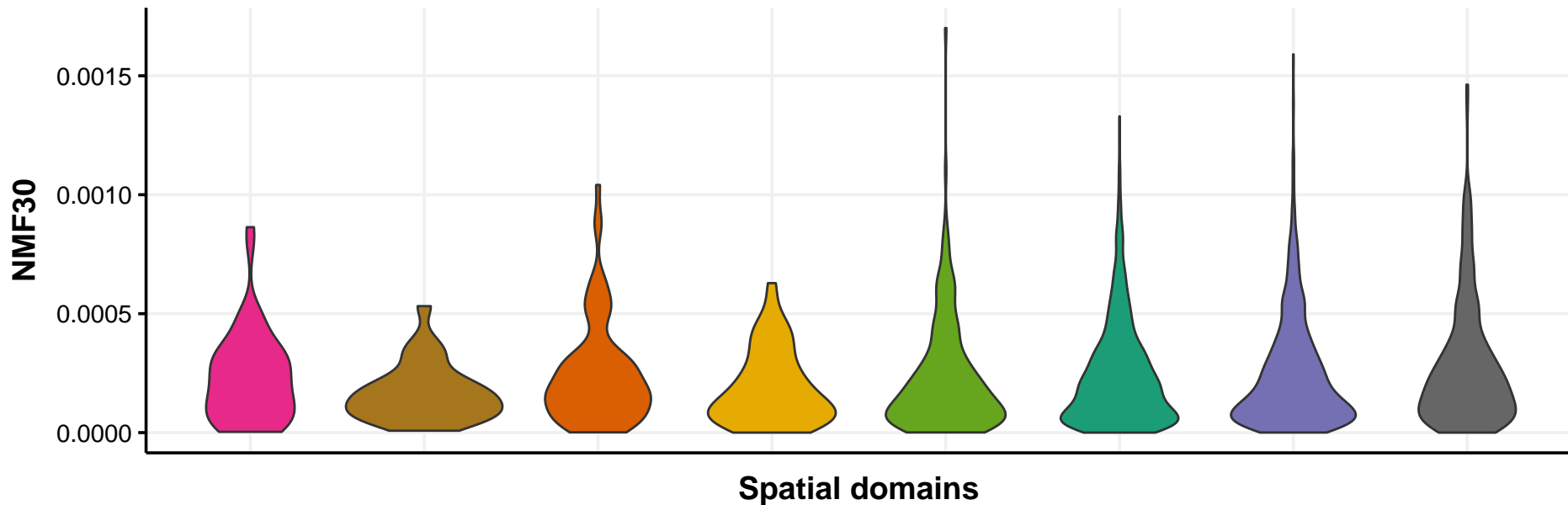
MSN 3

WM

## NMF28



## NMF30



*Spatial domains*

D1 islands

Excitatory

MSN 1

MSN 3

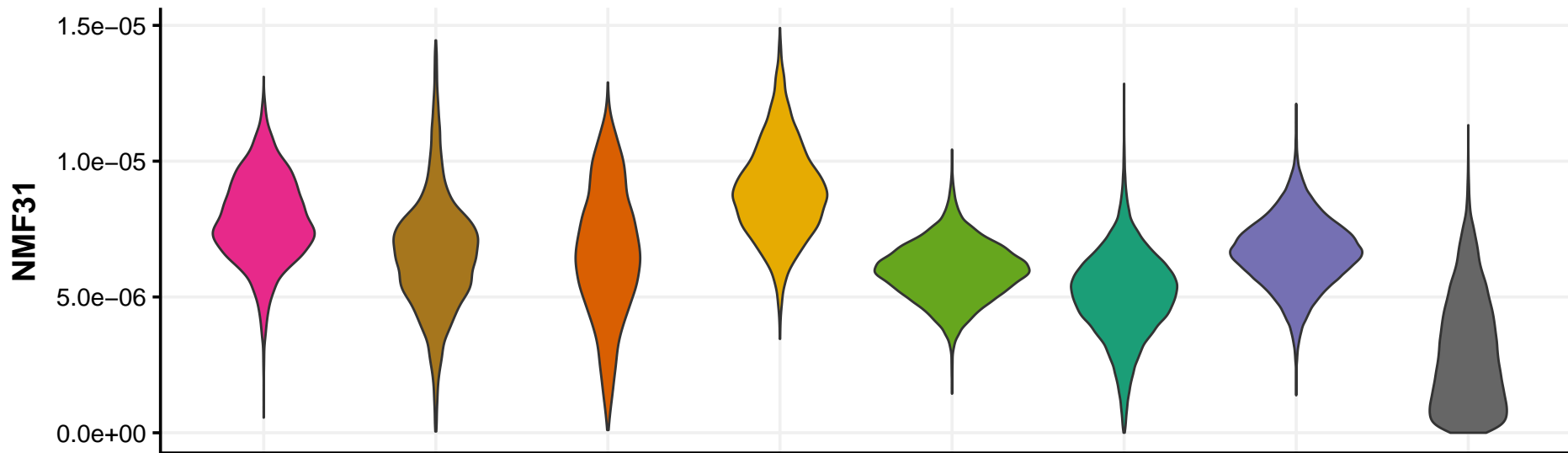
Endothelial/Ependymal

Inhibitory

MSN 2

WM

# NMF31



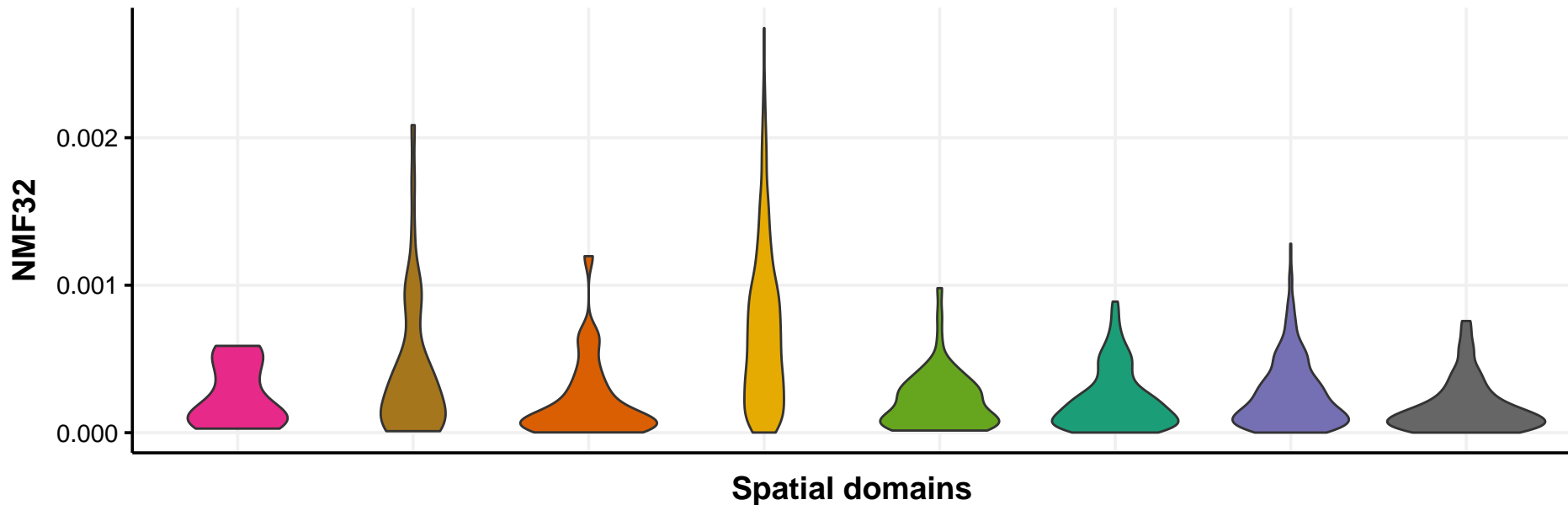
**Spatial domains**

*Spatial domains*





## NMF32



*Spatial domains*

D1 islands

Endothelial/Ependymal

Excitatory

Inhibitory

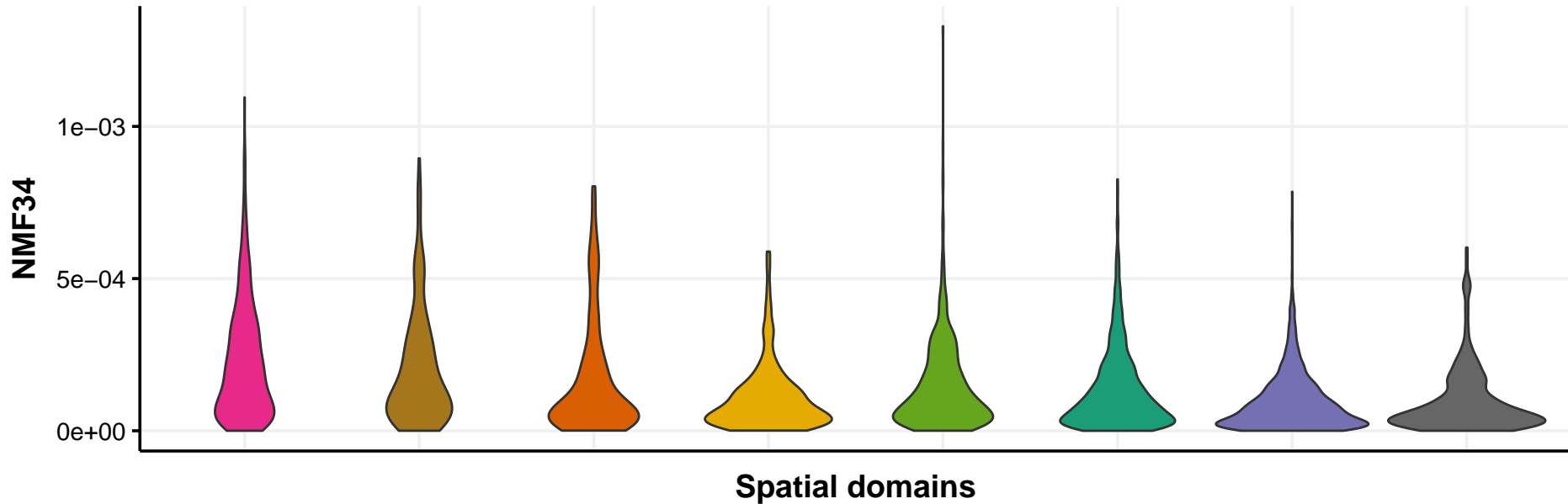
MSN 1

MSN 2

MSN 3

WM

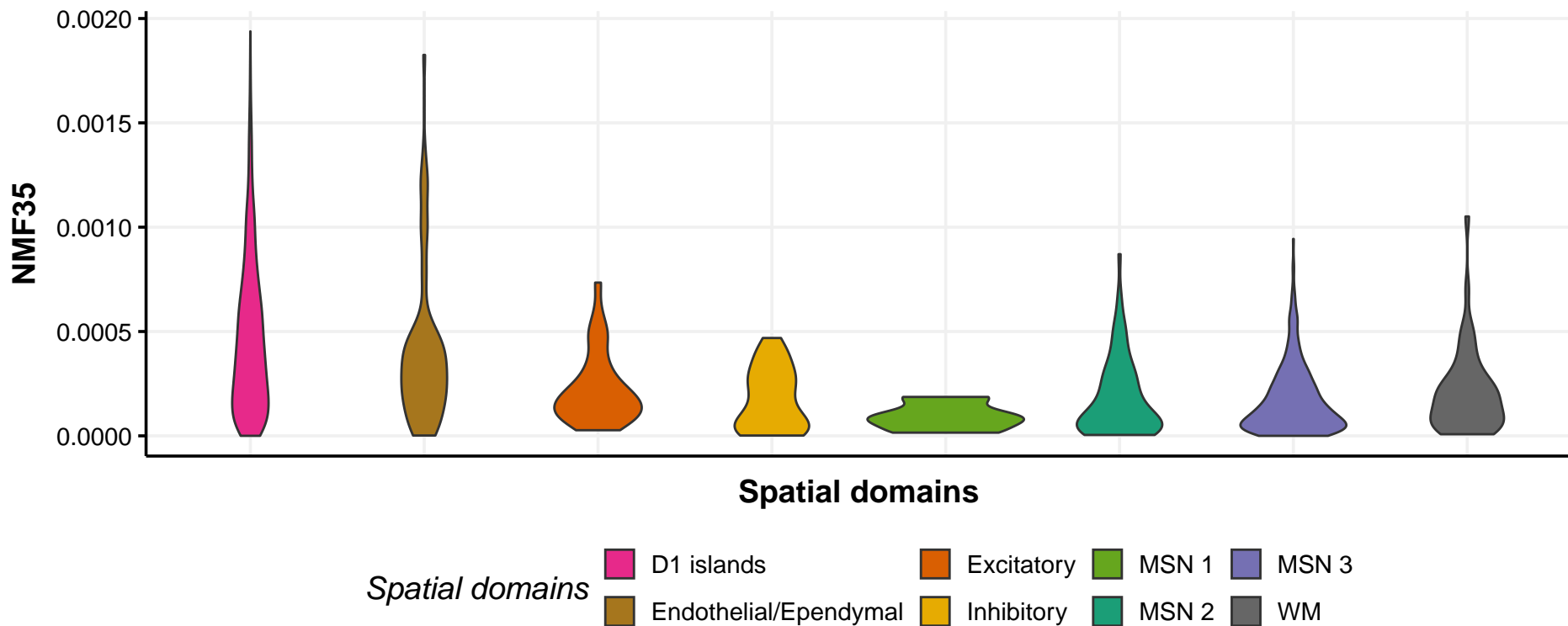
# NMF34



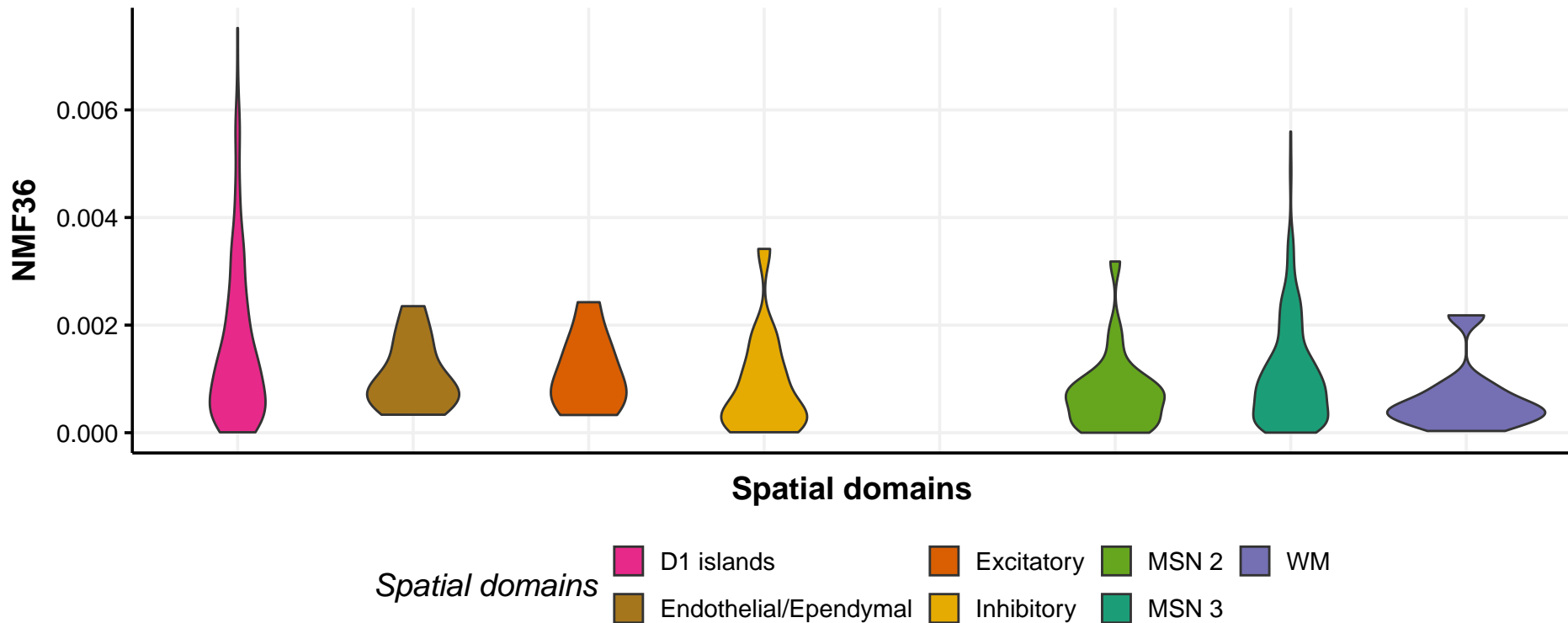
*Spatial domains*



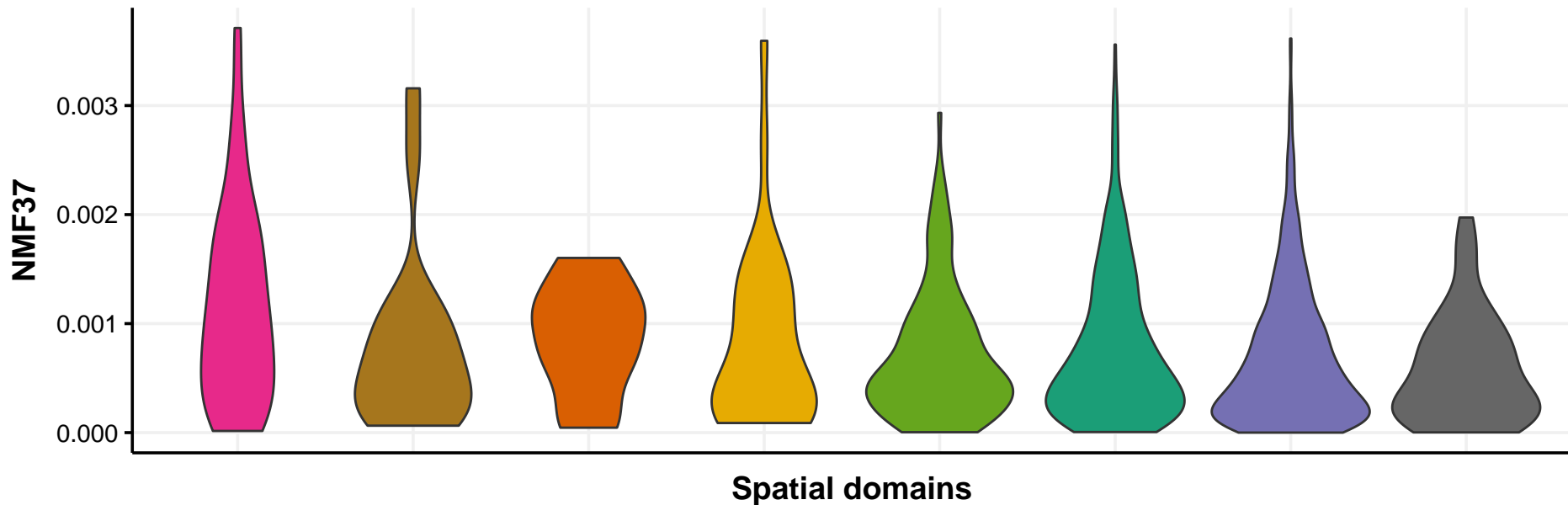
## NMF35



## NMF36



## NMF37



*Spatial domains*

D1 islands

Endothelial/Ependymal

Excitatory

Inhibitory

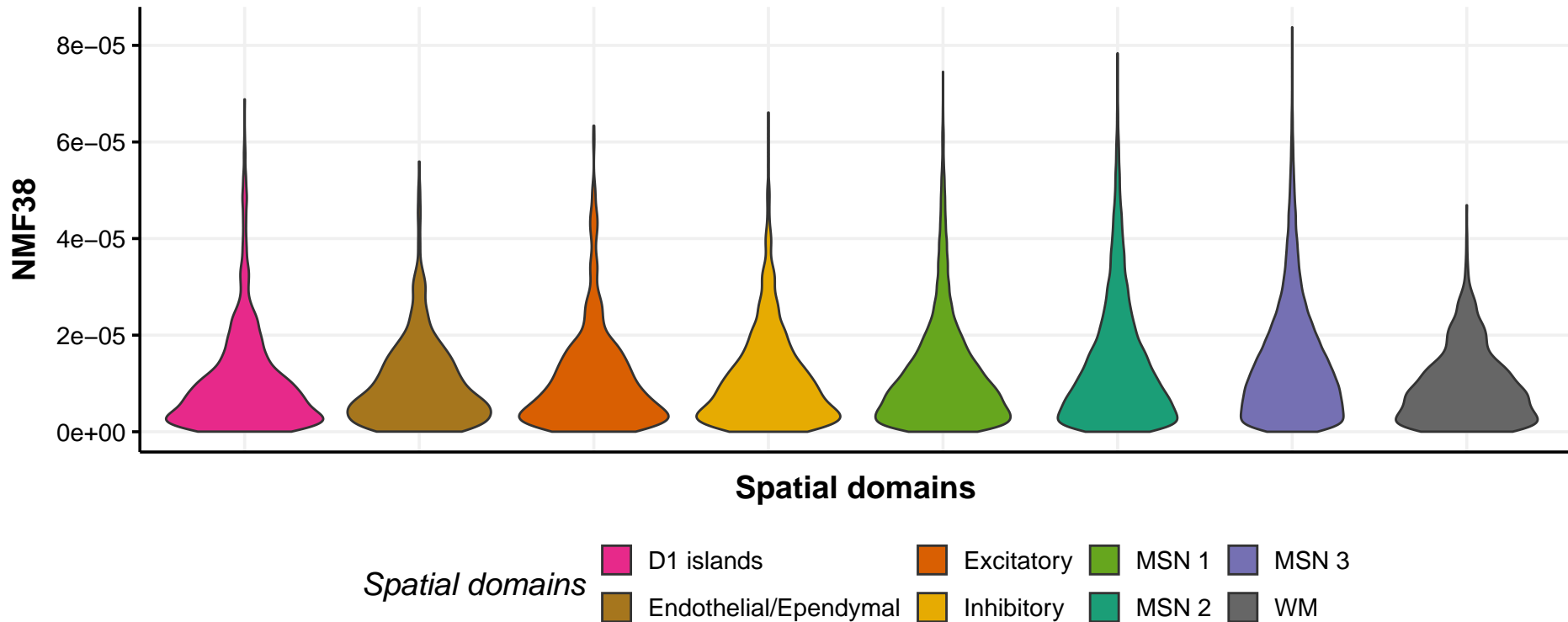
MSN 1

MSN 2

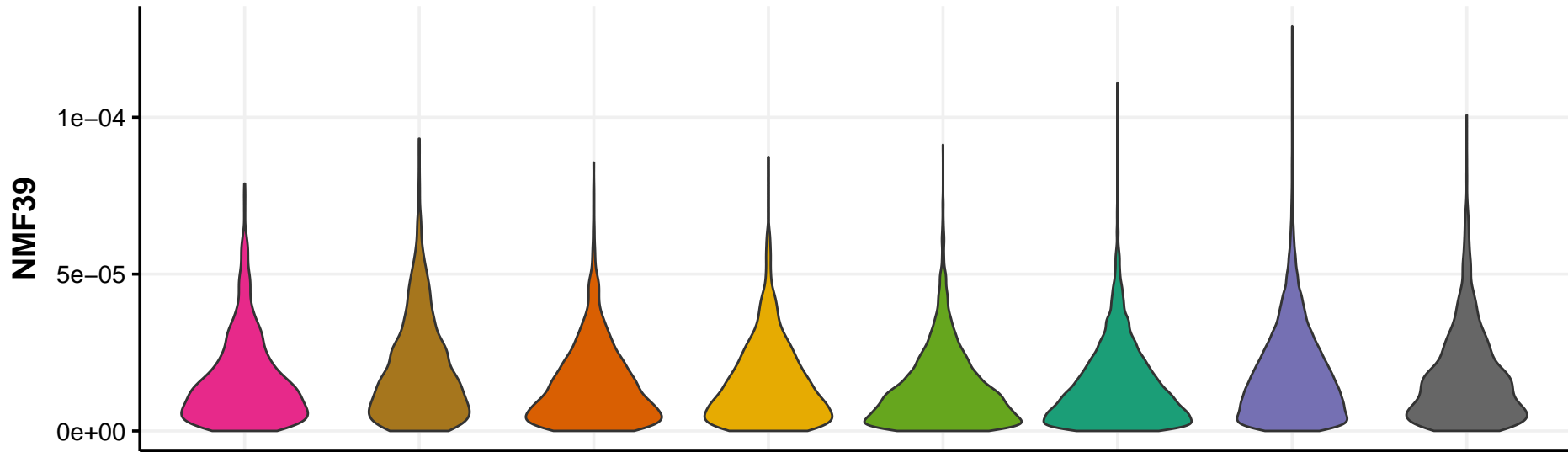
MSN 3

WM

# NMF38



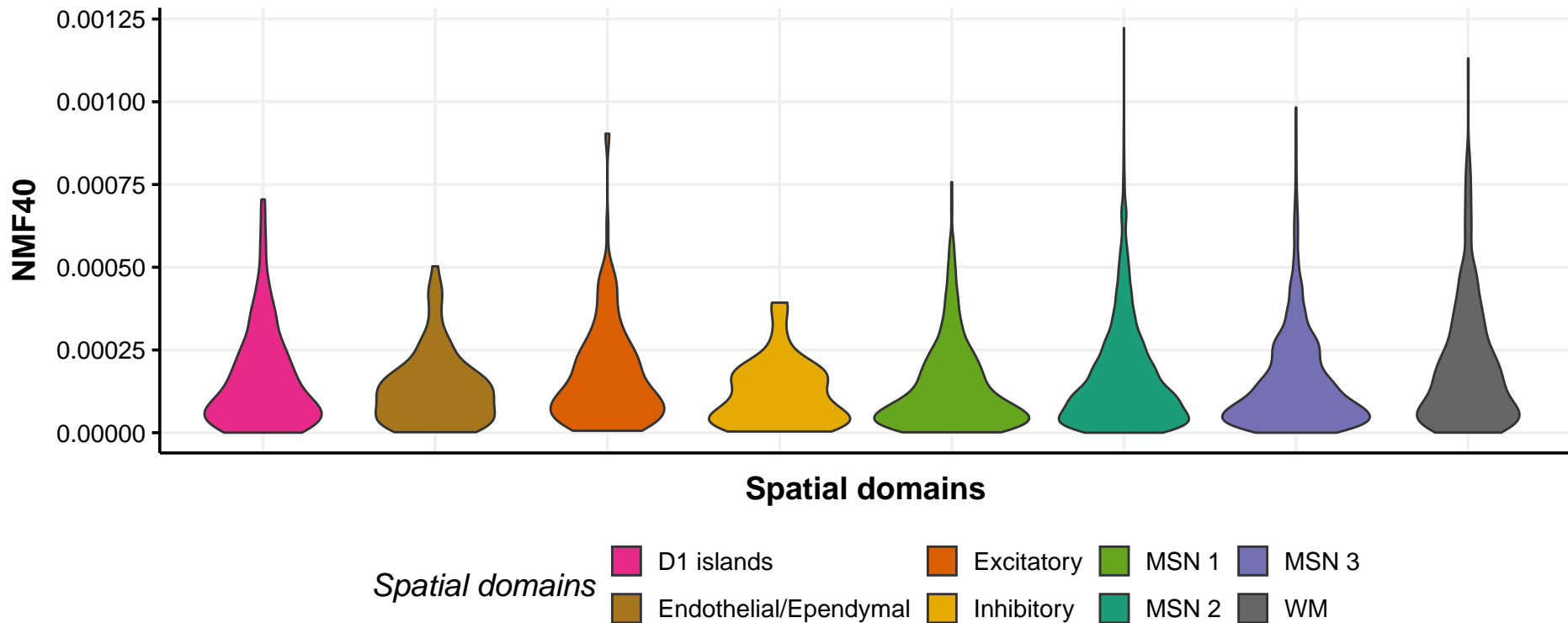
# NMF39



**Spatial domains**

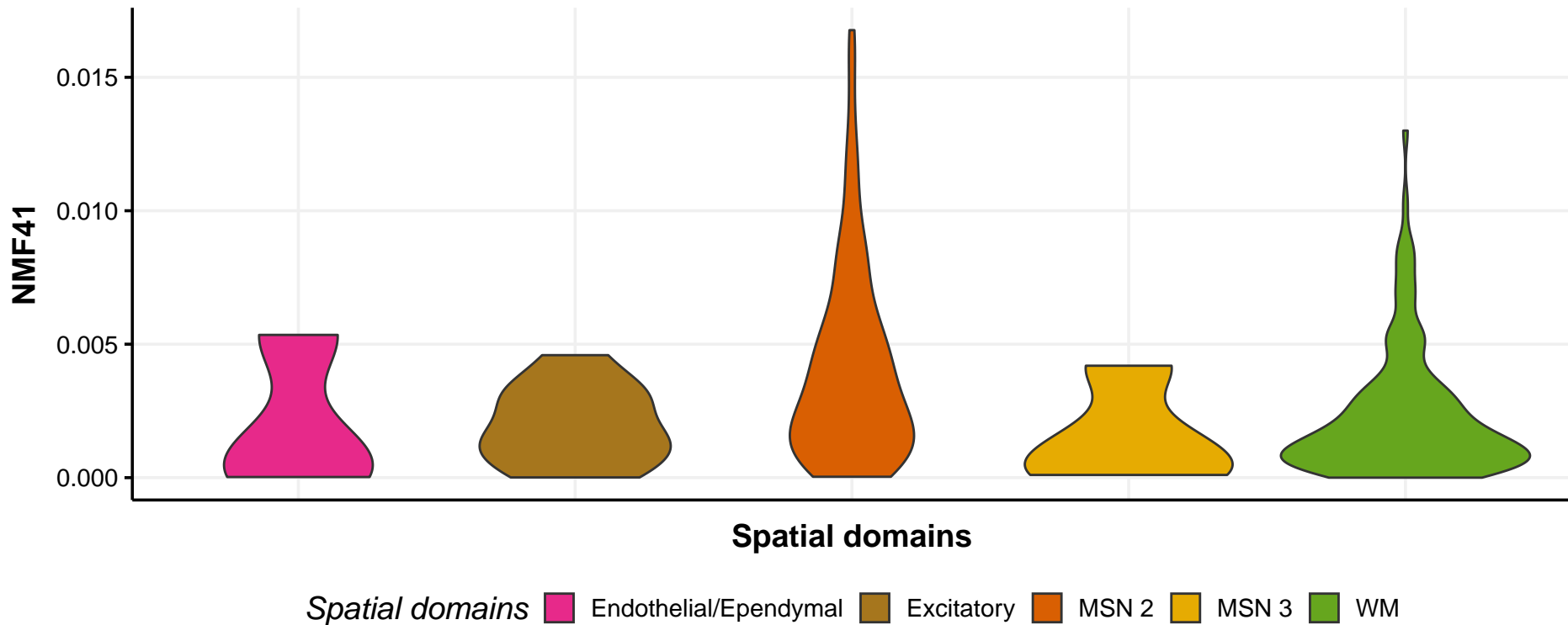


# NMF40

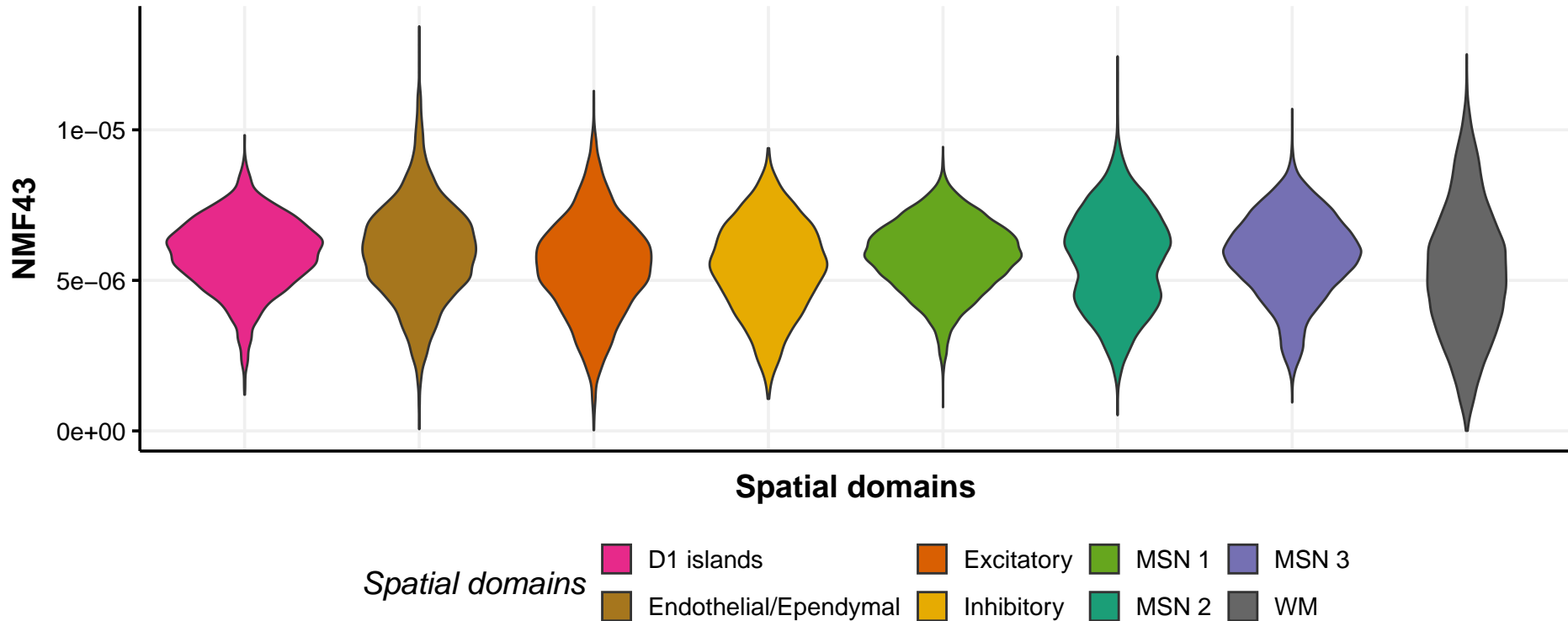




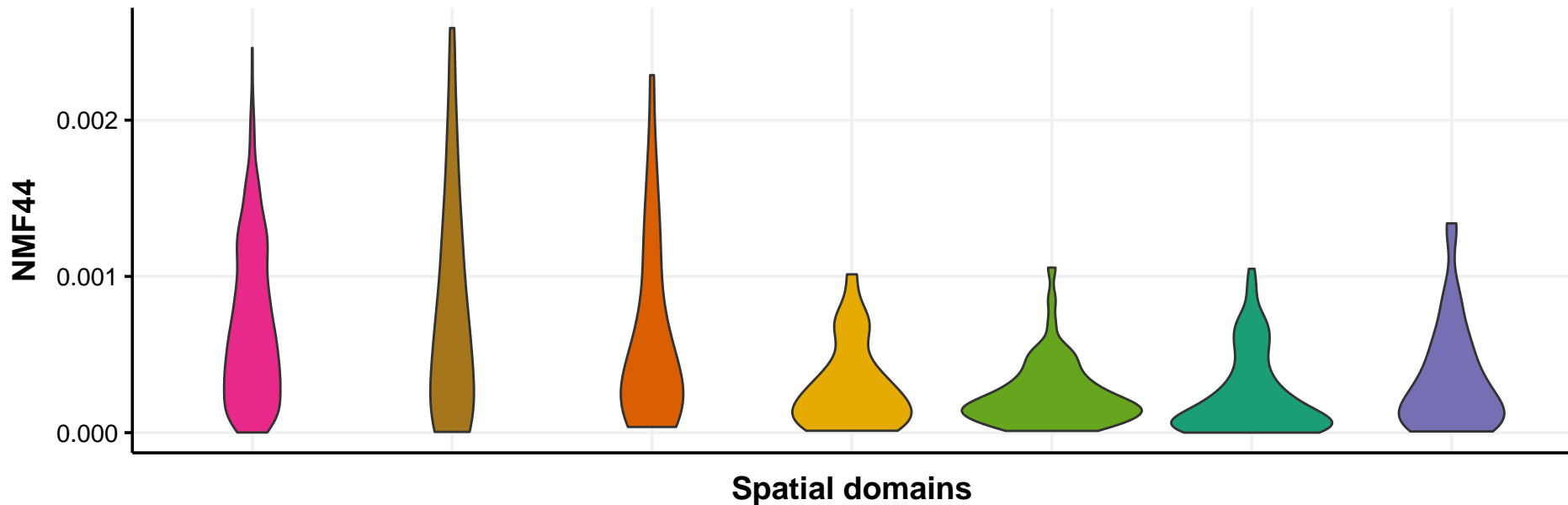
## NMF41



## NMF43



# NMF44



*Spatial domains*

D1 islands

Endothelial/Ependymal

Excitatory

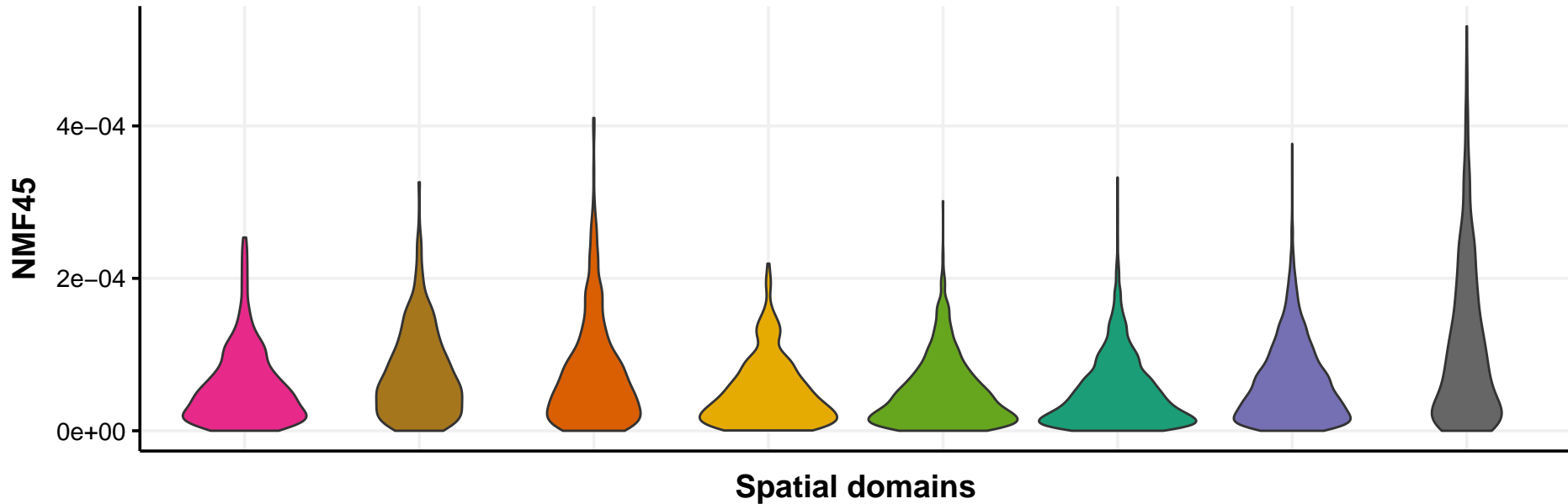
Inhibitory

MSN 2

MSN 3

WM

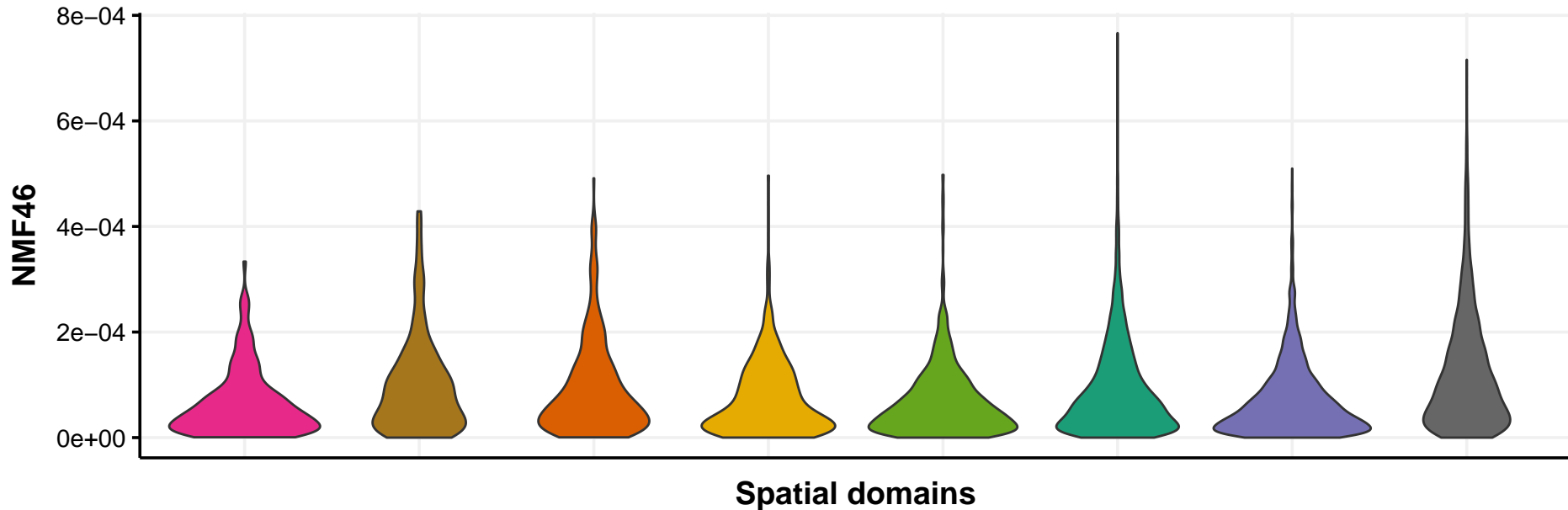
# NMF45



*Spatial domains*

D1 islands	Excitatory	MSN 1	MSN 3
Endothelial/Ependymal	Inhibitory	MSN 2	WM

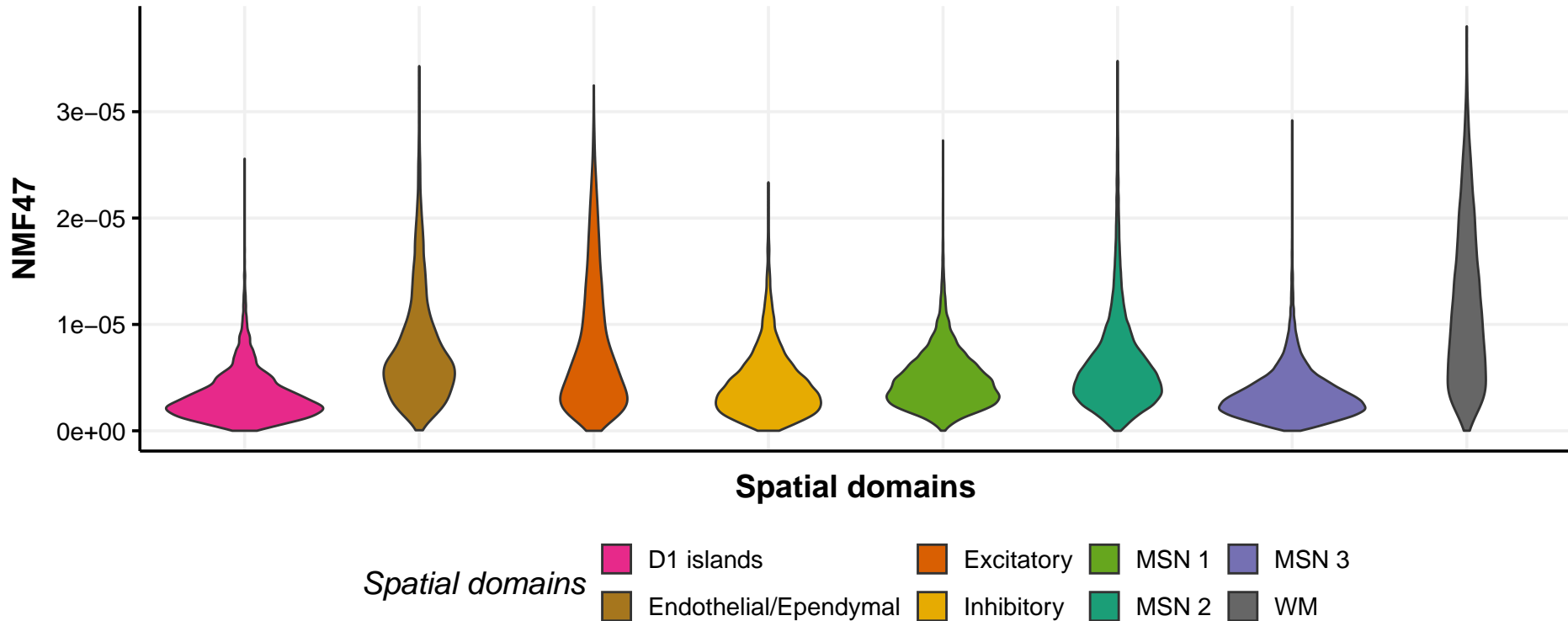
# NMF46



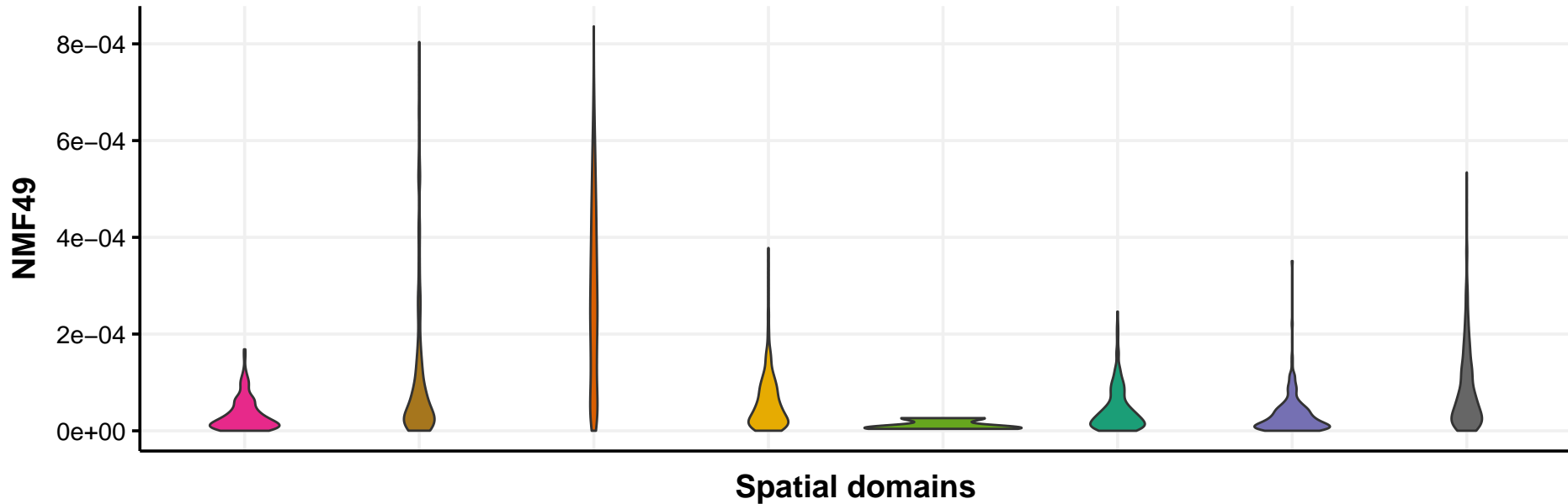
*Spatial domains*



# NMF47



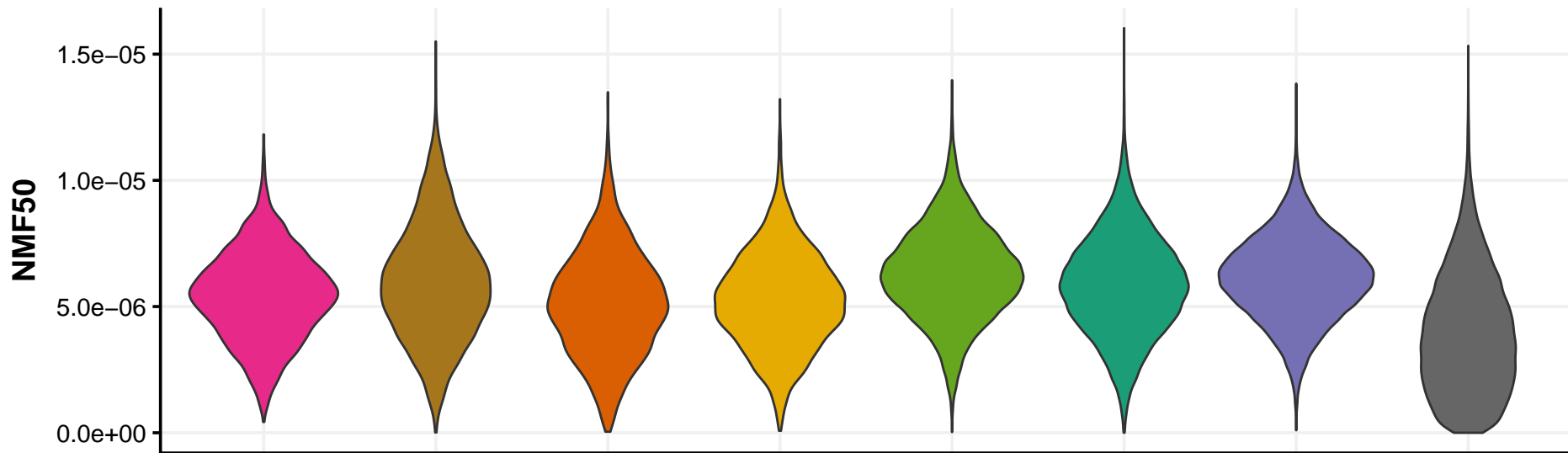
# NMF49



*Spatial domains*

D1 islands	Excitatory	MSN 1	MSN 3
Endothelial/Ependymal	Inhibitory	MSN 2	WM

# NMF50



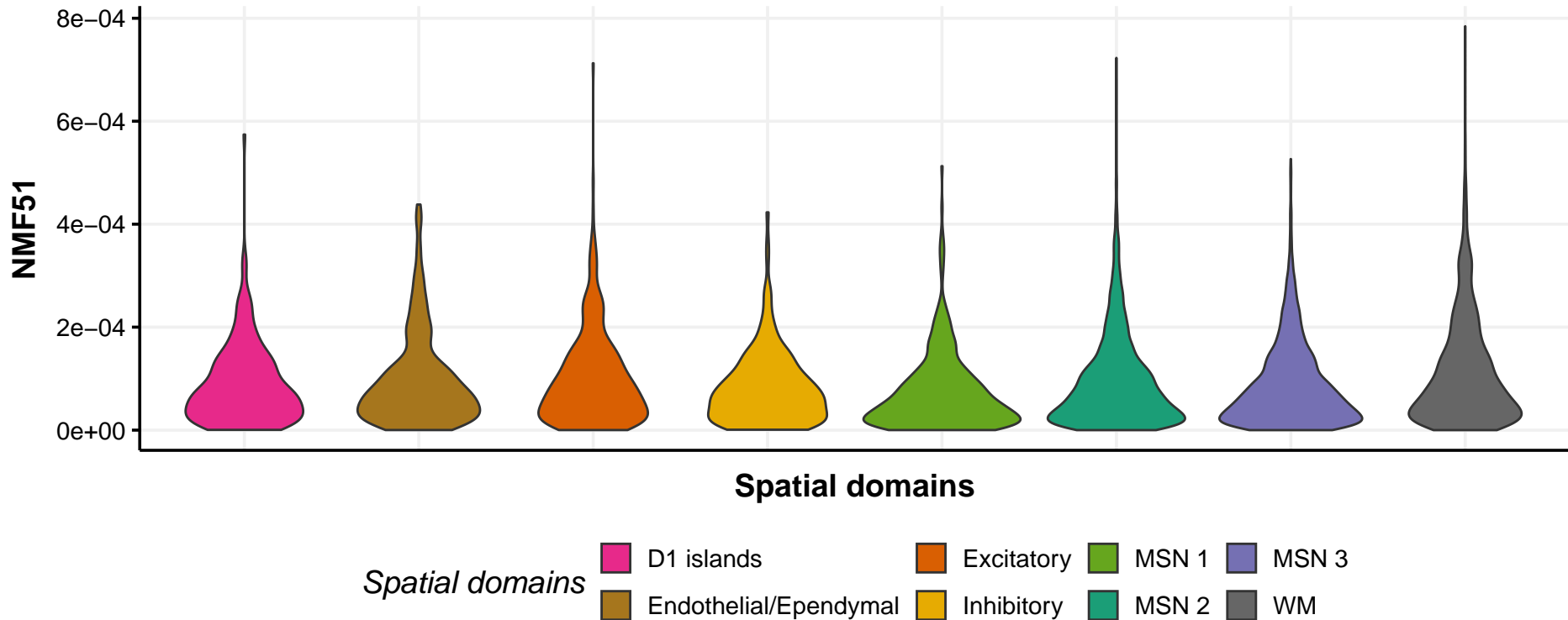
Spatial domains

*Spatial domains*

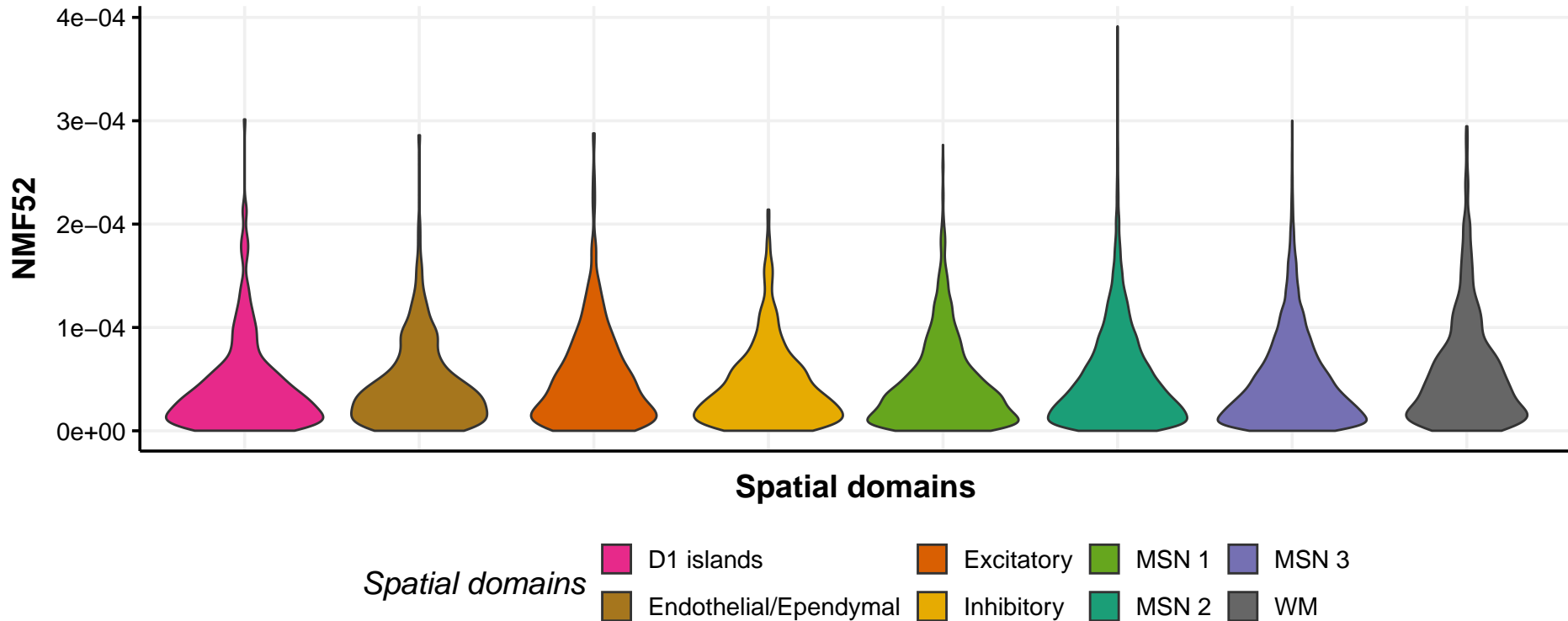




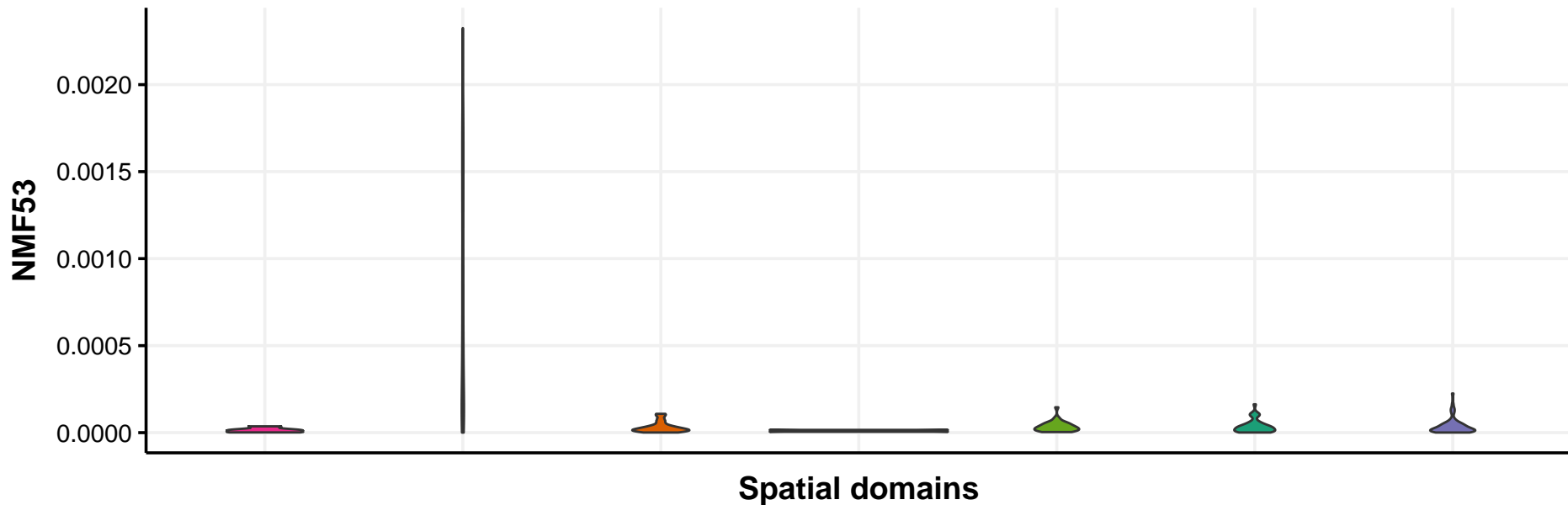
# NMF51



# NMF52



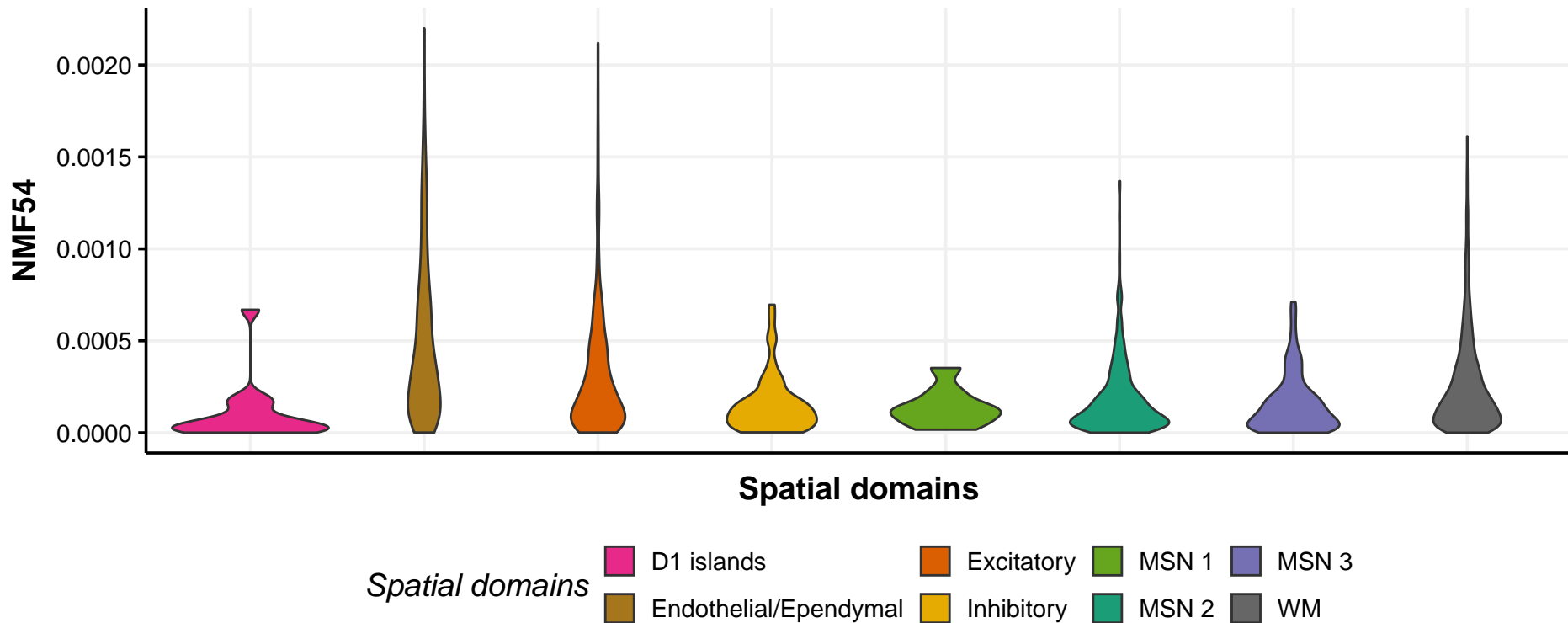
# NMF53



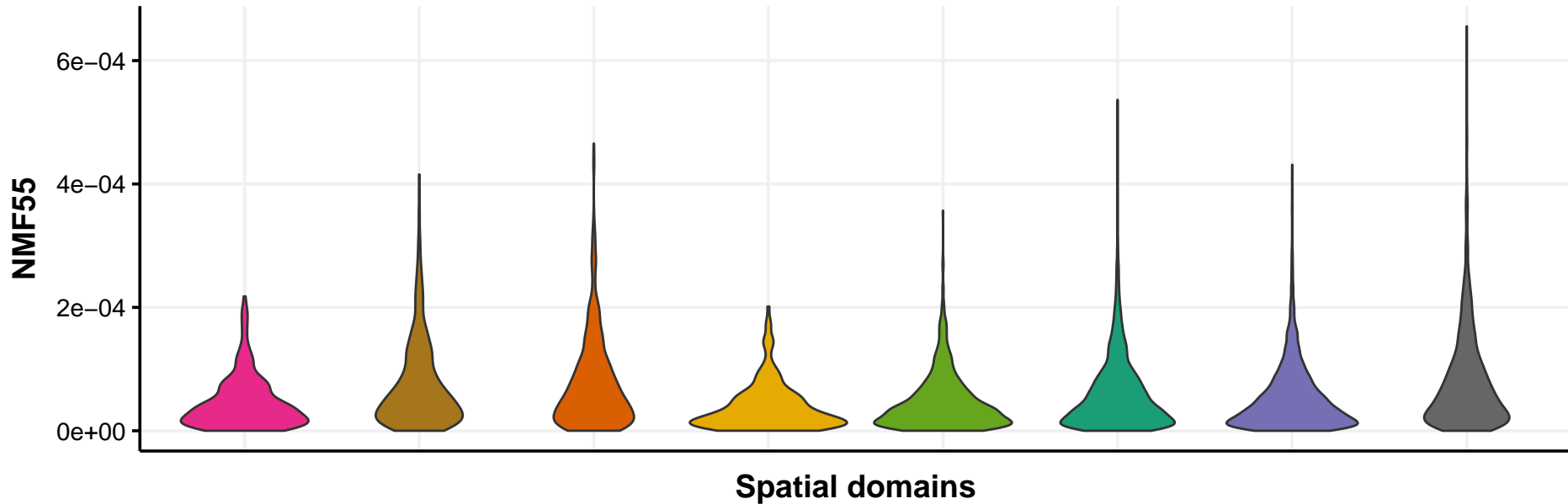
*Spatial domains*



# NMF54



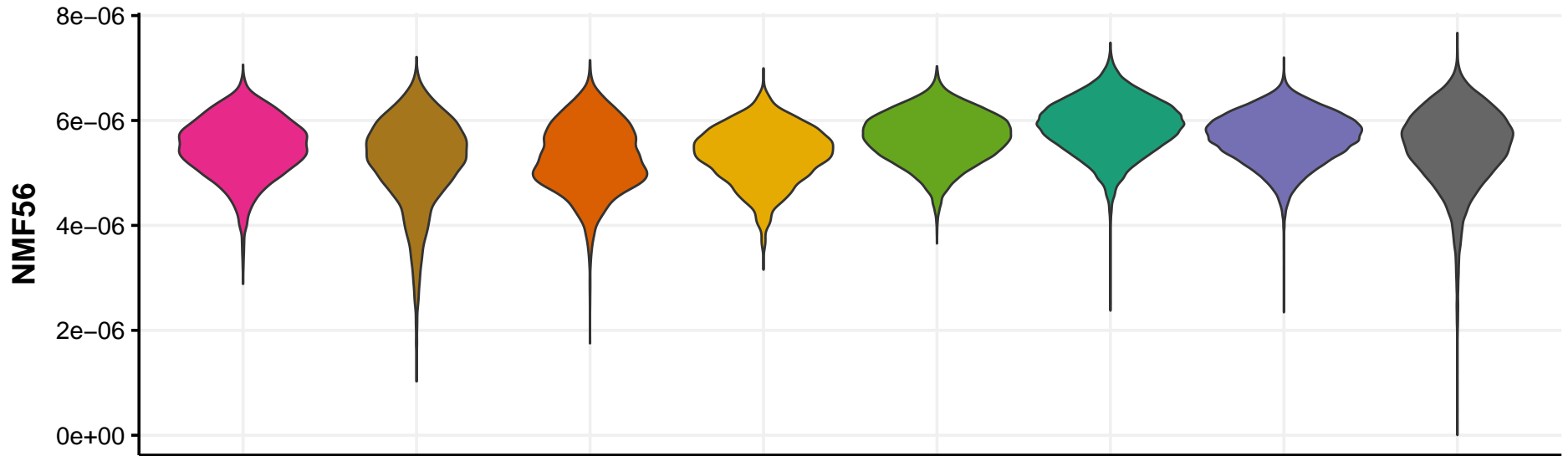
# NMF55



*Spatial domains*

D1 islands	Excitatory	MSN 1	MSN 3
Endothelial/Ependymal	Inhibitory	MSN 2	WM

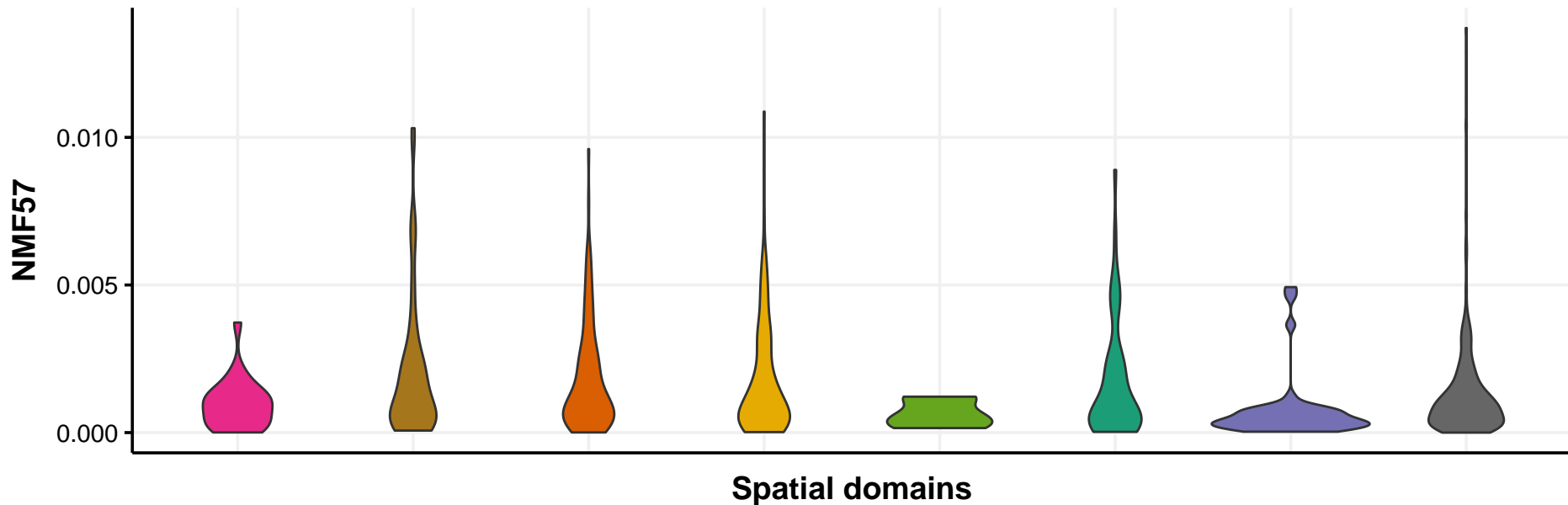
# NMF56



**Spatial domains**



# NMF57



*Spatial domains*

D1 islands

Endothelial/Ependymal

Excitatory

Inhibitory

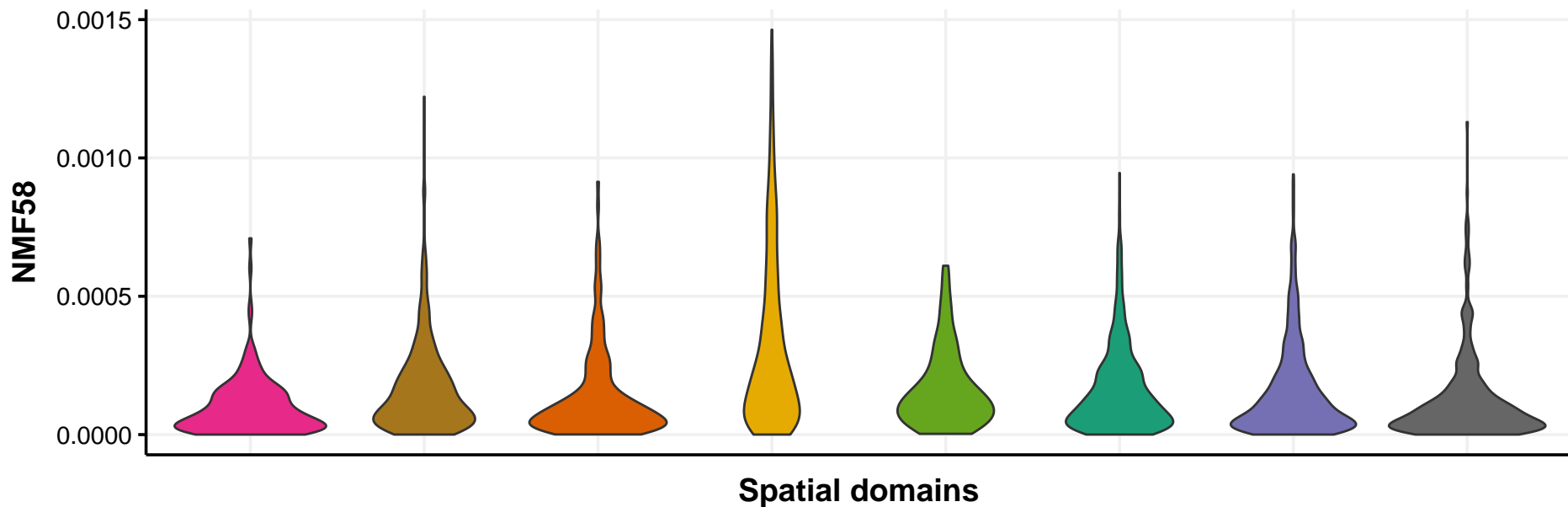
MSN 1

MSN 2

MSN 3

WM

## NMF58



*Spatial domains*

D1 islands

Excitatory

MSN 1

MSN 3

Endothelial/Ependymal

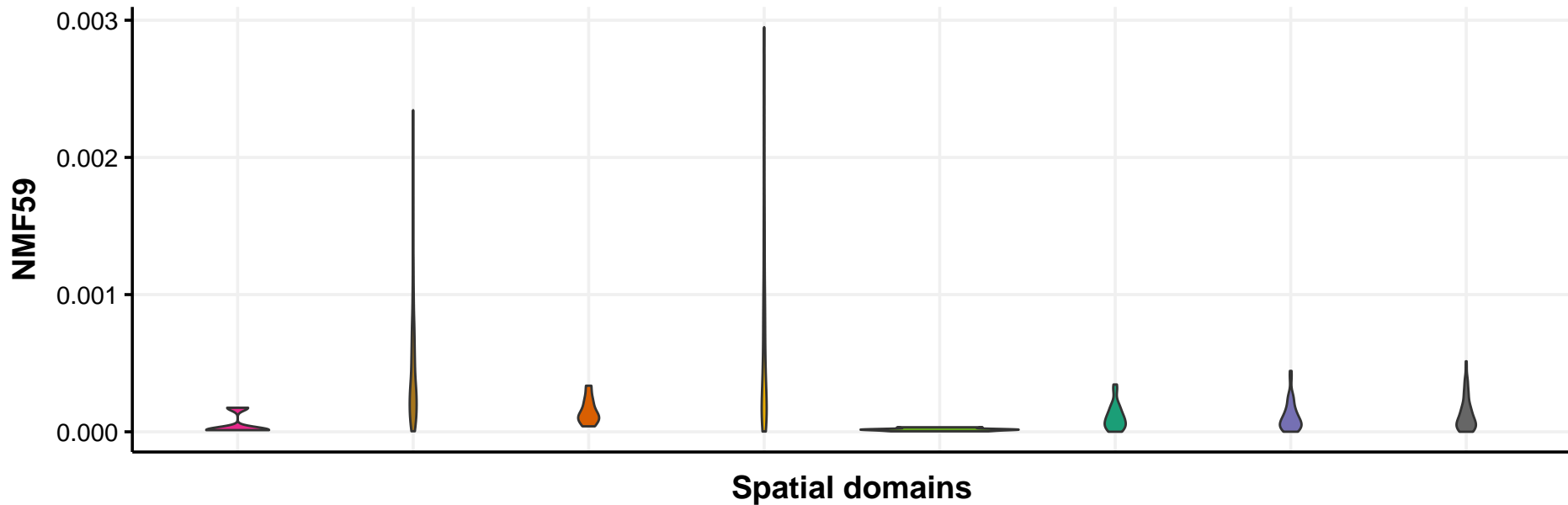
Inhibitory

MSN 2

WM



## NMF59



*Spatial domains*

D1 islands

Endothelial/Ependymal

Excitatory

Inhibitory

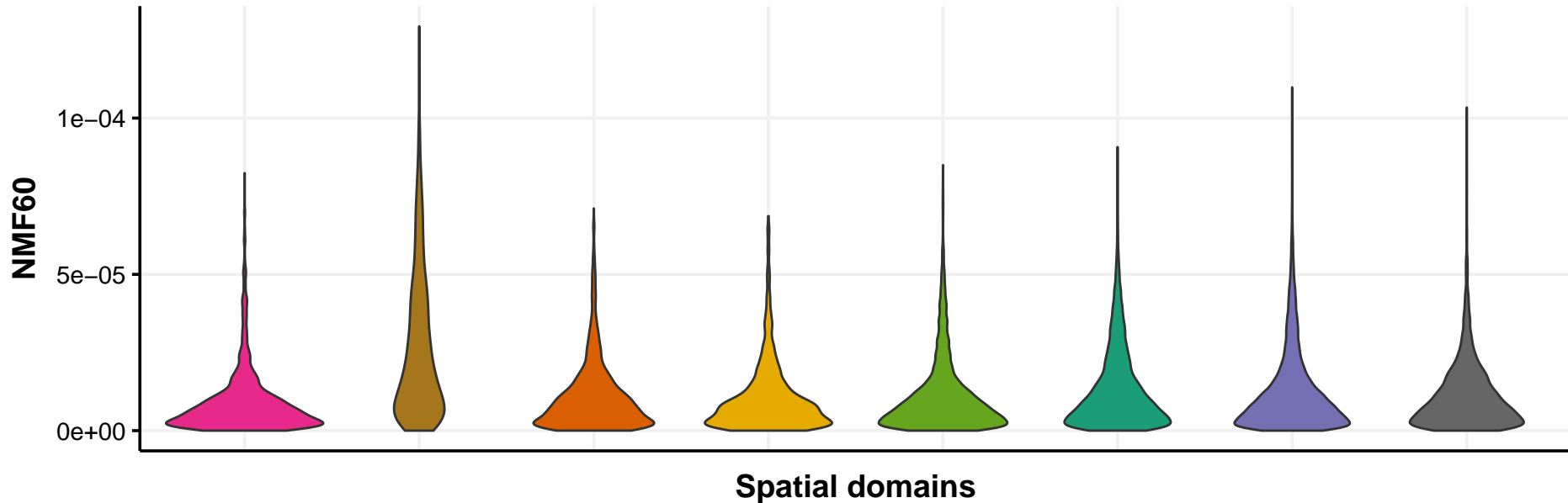
MSN 1

MSN 2

MSN 3

WM

# NMF60



*Spatial domains*



# NMF61

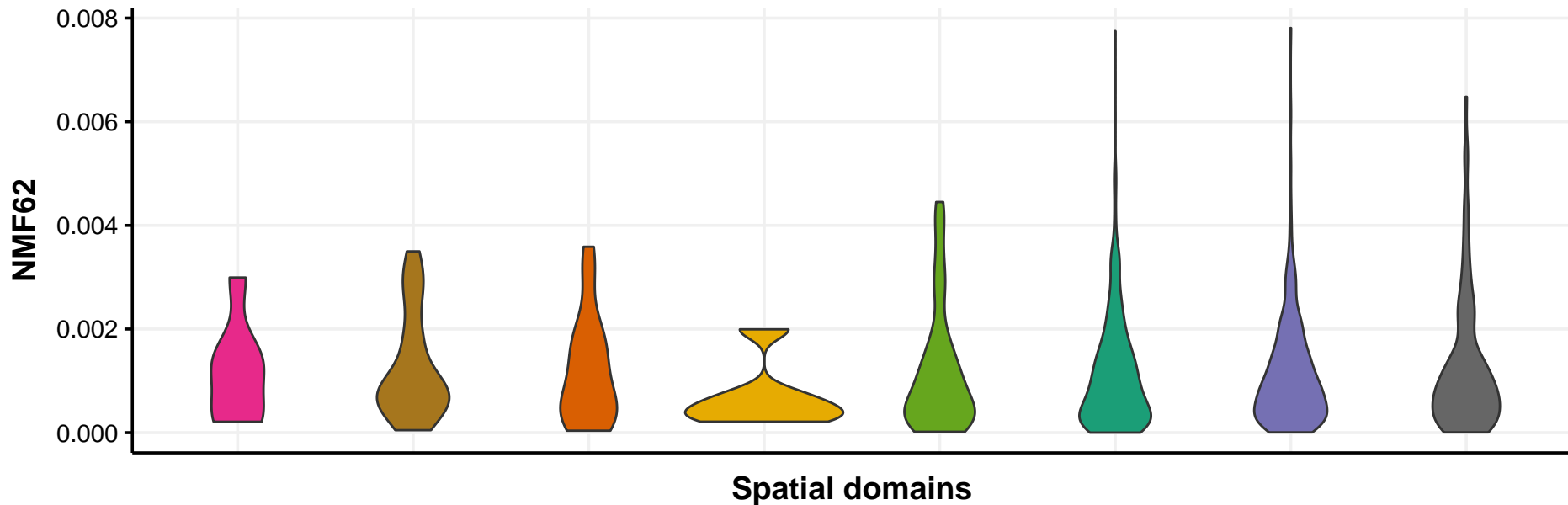


Spatial domains

*Spatial domains*



## NMF62



*Spatial domains*

D1 islands

Endothelial/Ependymal

Excitatory

Inhibitory

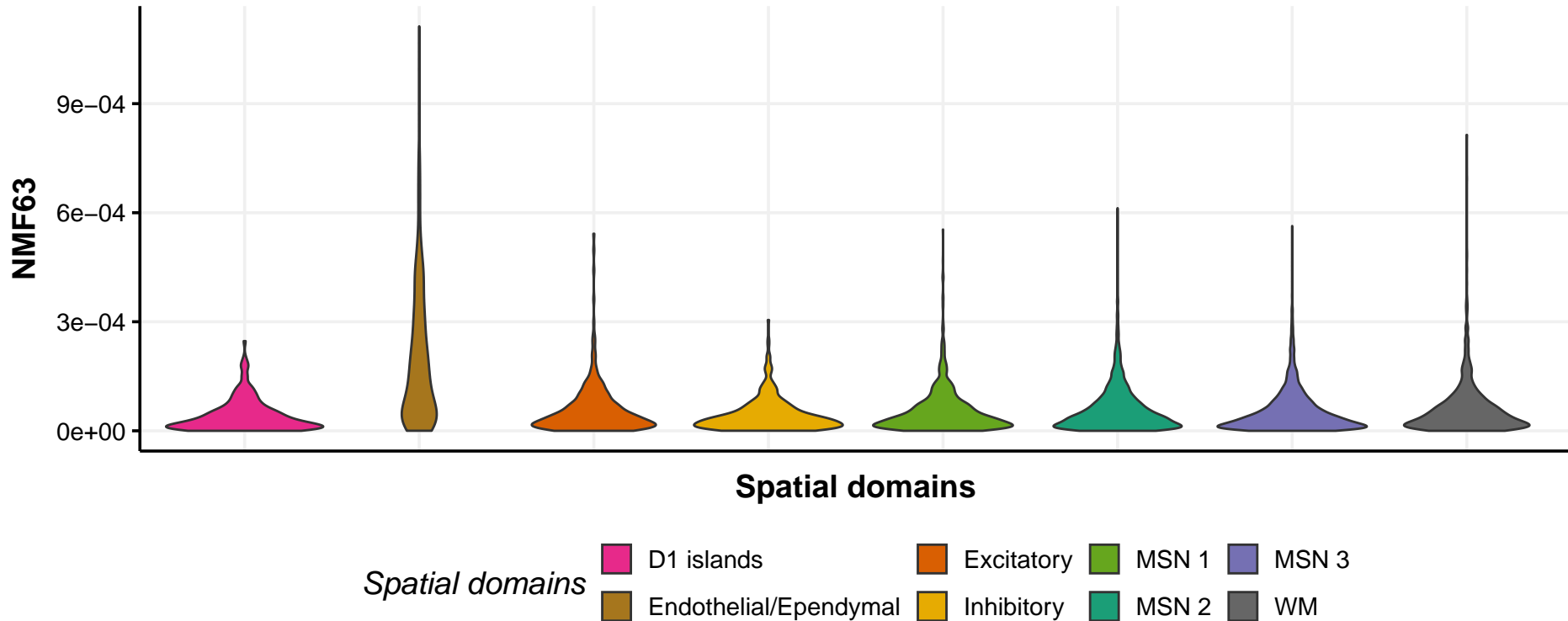
MSN 1

MSN 2

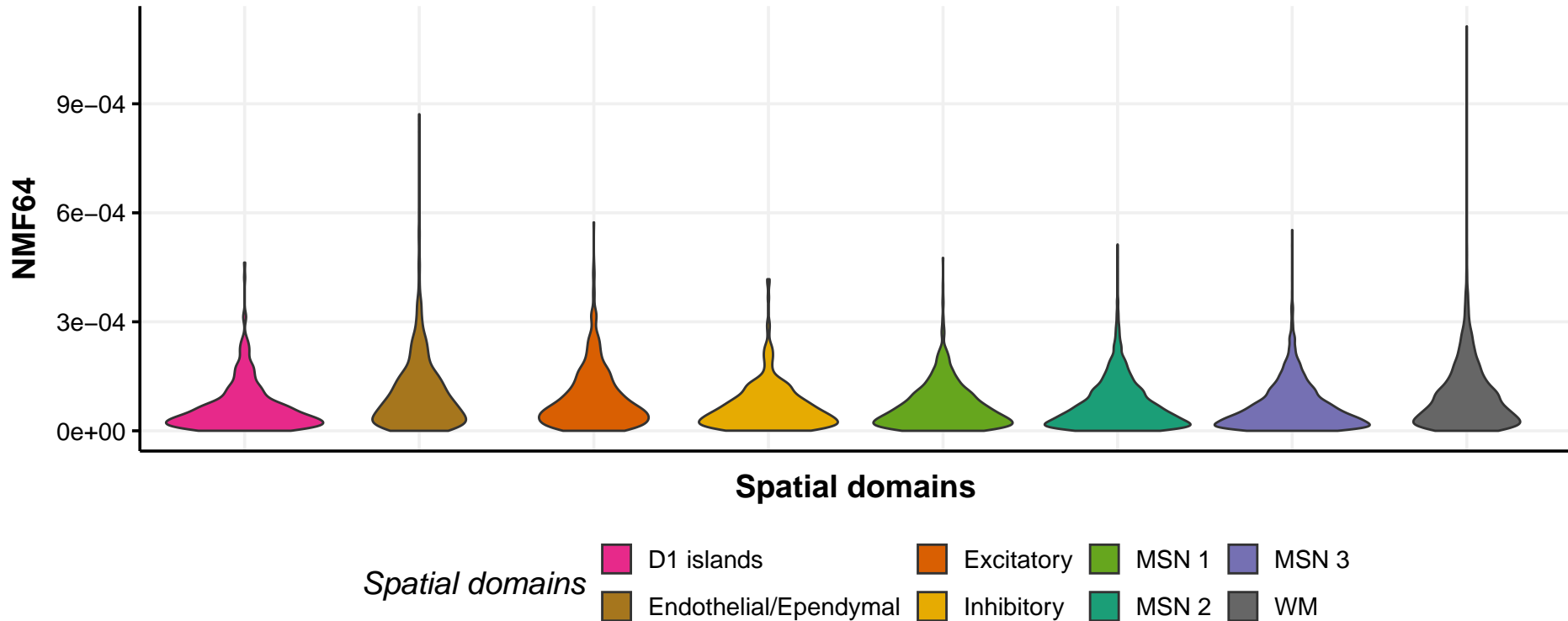
MSN 3

WM

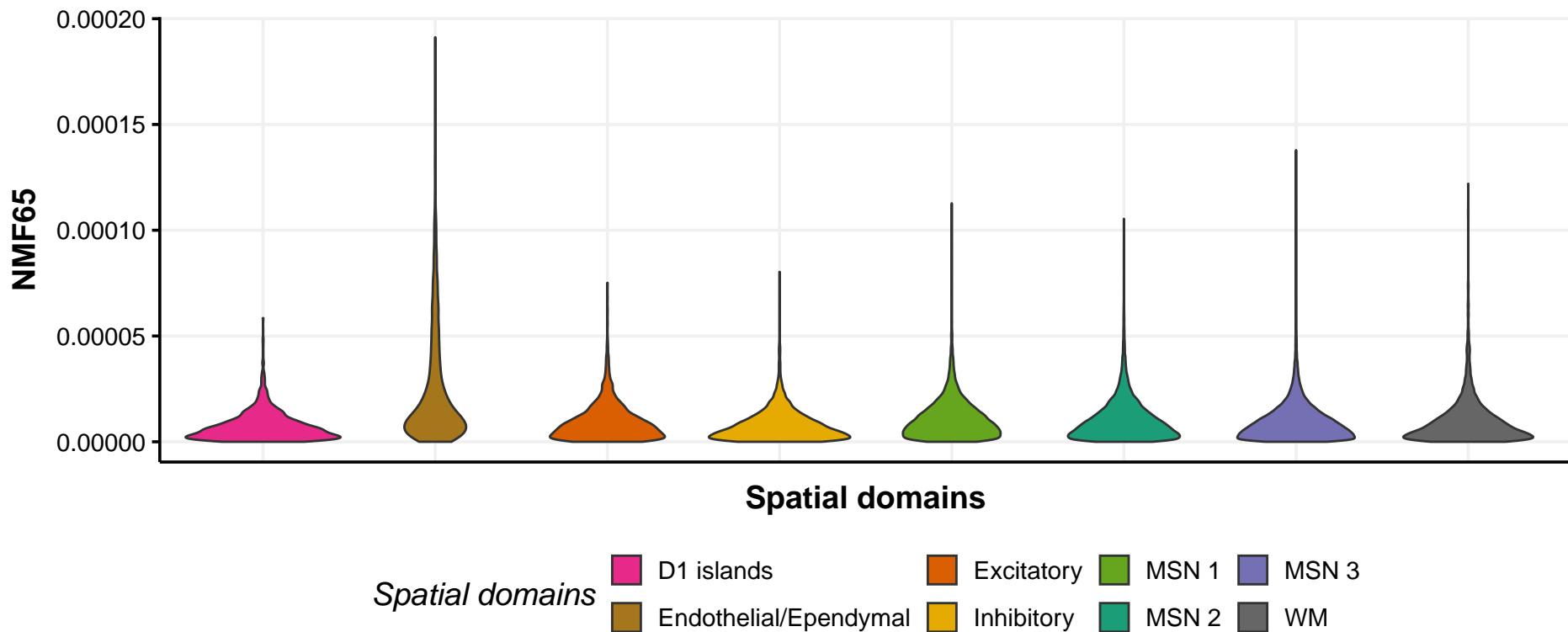
# NMF63



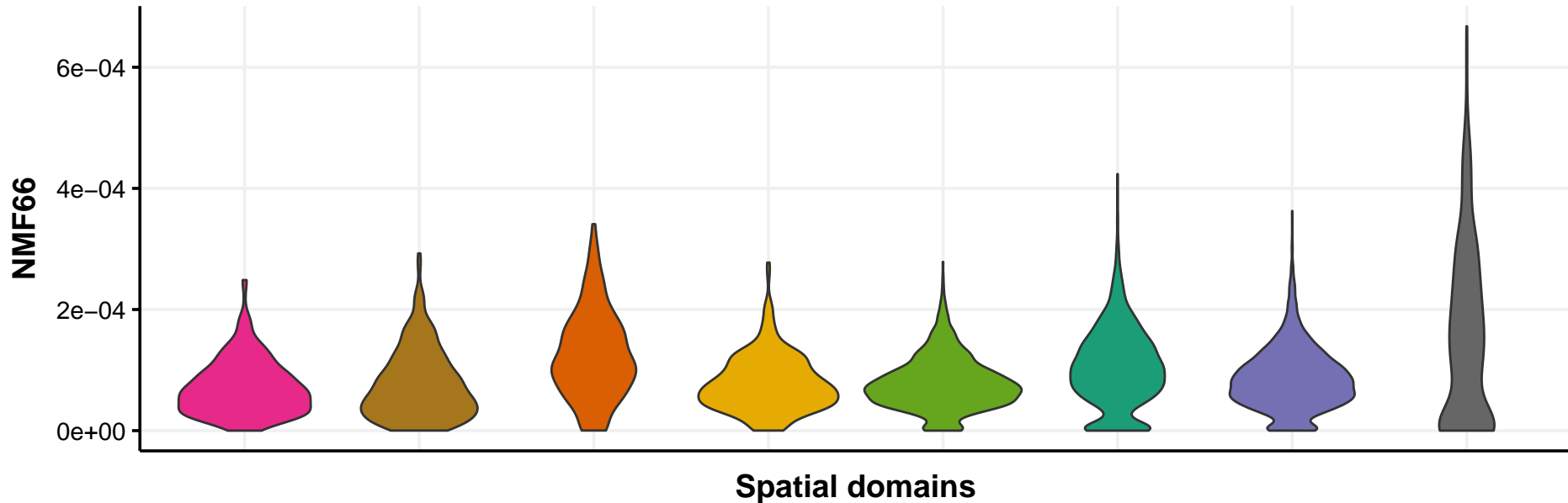
# NMF64



# NMF65



# NMF66



*Spatial domains*

D1 islands	Excitatory	MSN 1	MSN 3
Endothelial/Ependymal	Inhibitory	MSN 2	WM