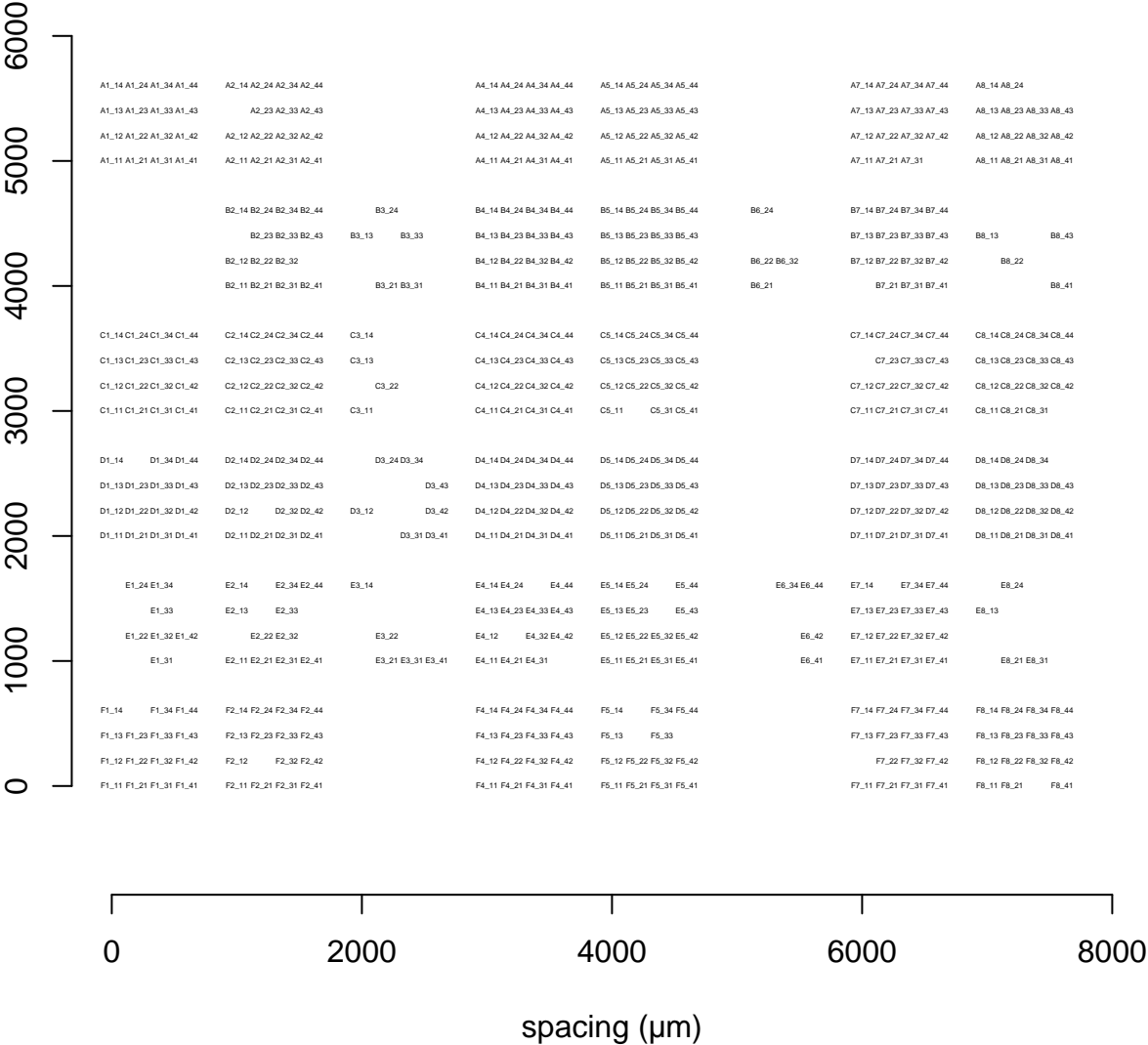
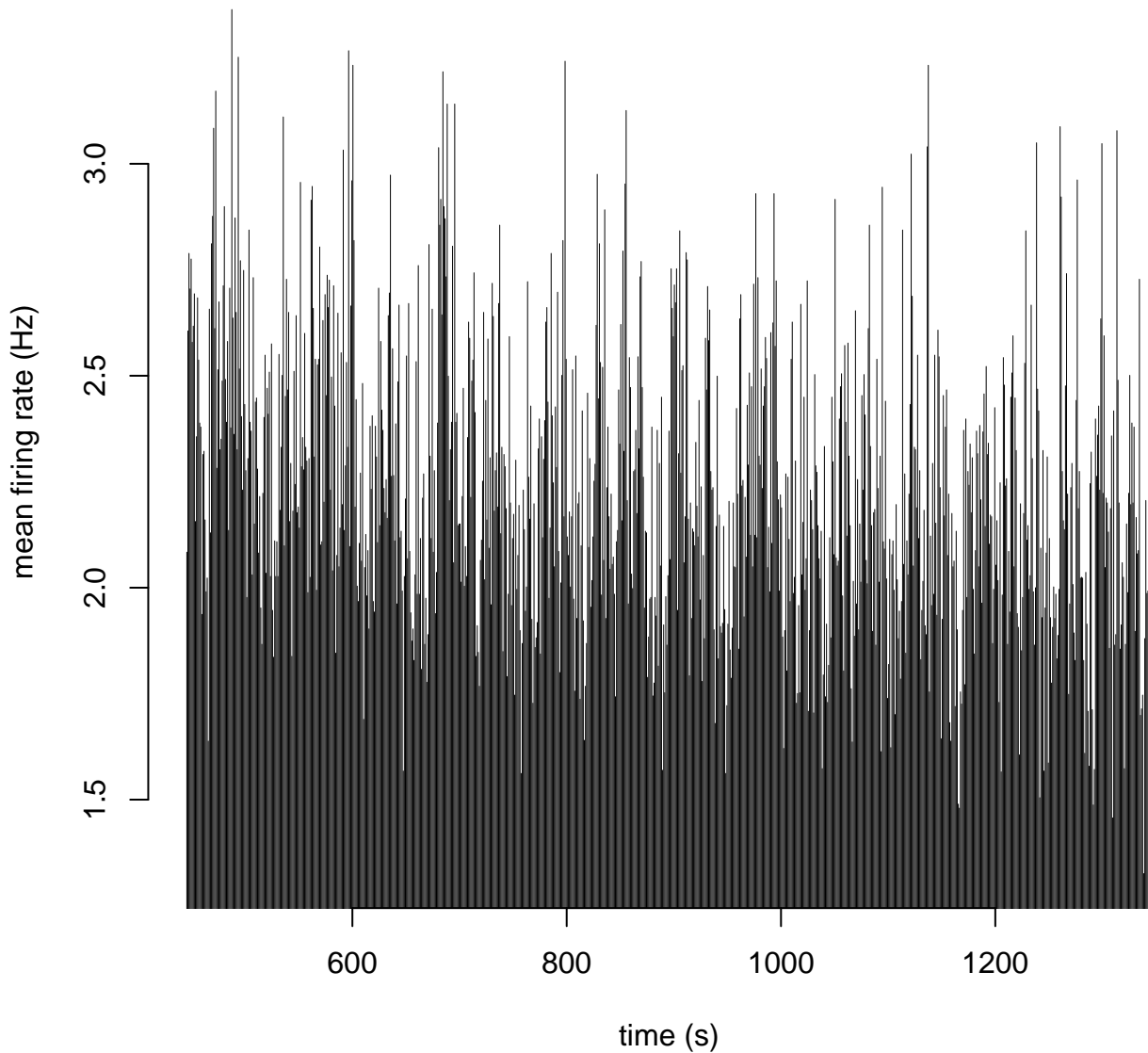


Electrode Layout

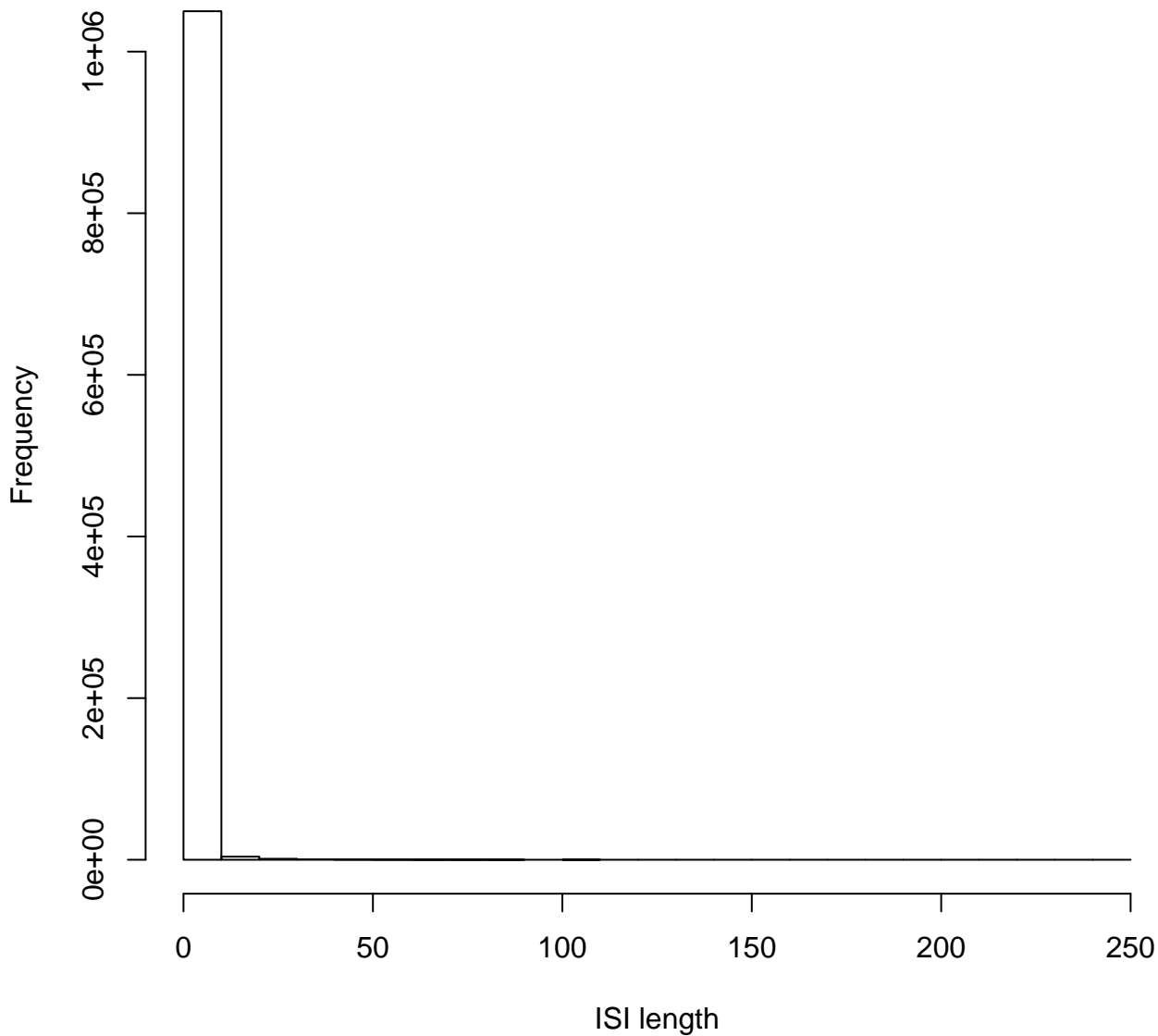
file= Kcnt1Y777H\_20170817\_500659\_DIV11



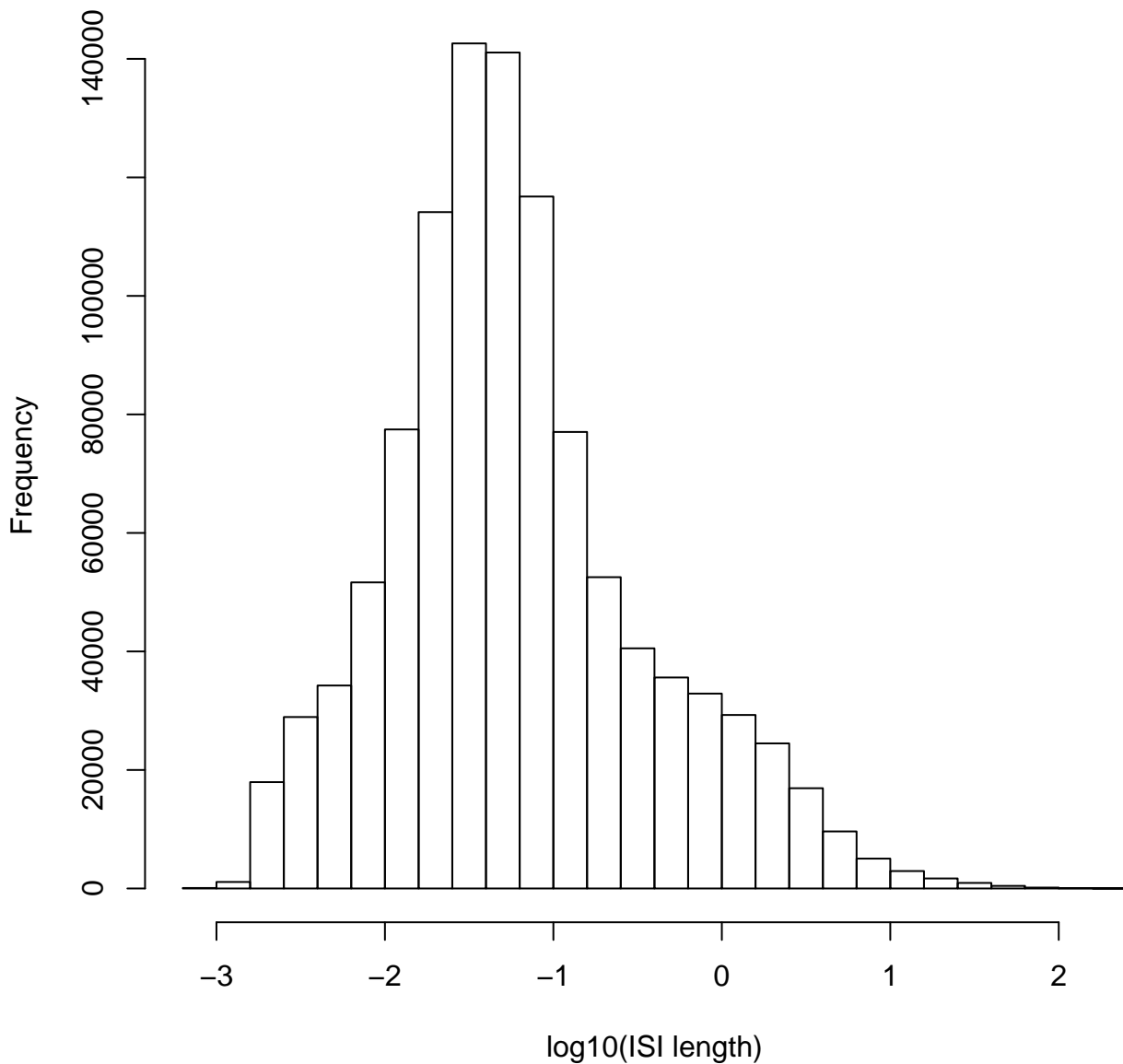
# Mean Firing Rate by Plate (Hz)



**Histogram of ISIs by Plate**

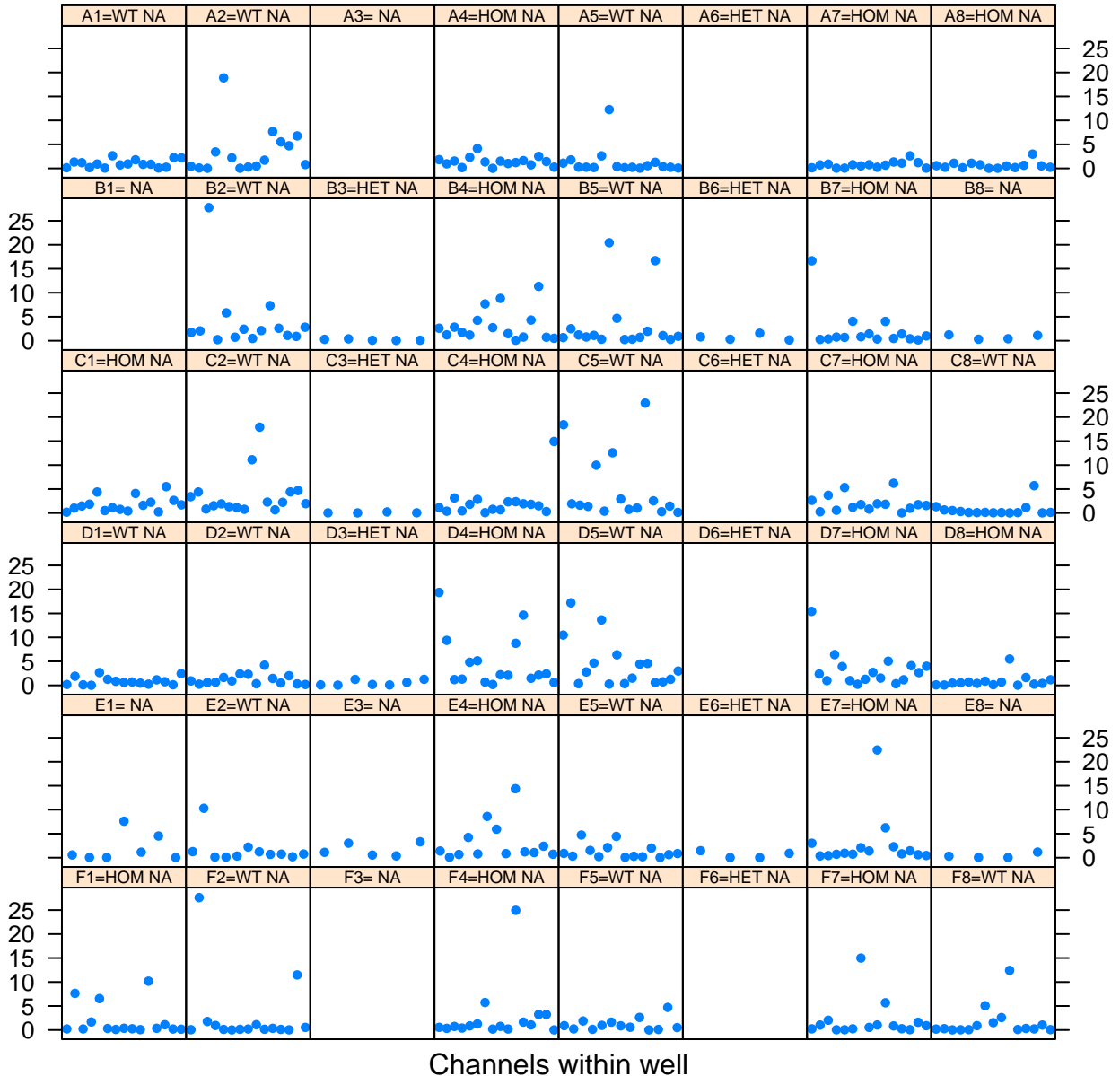


**Histogram of  $\log(\text{ISIs})$  by Plate**



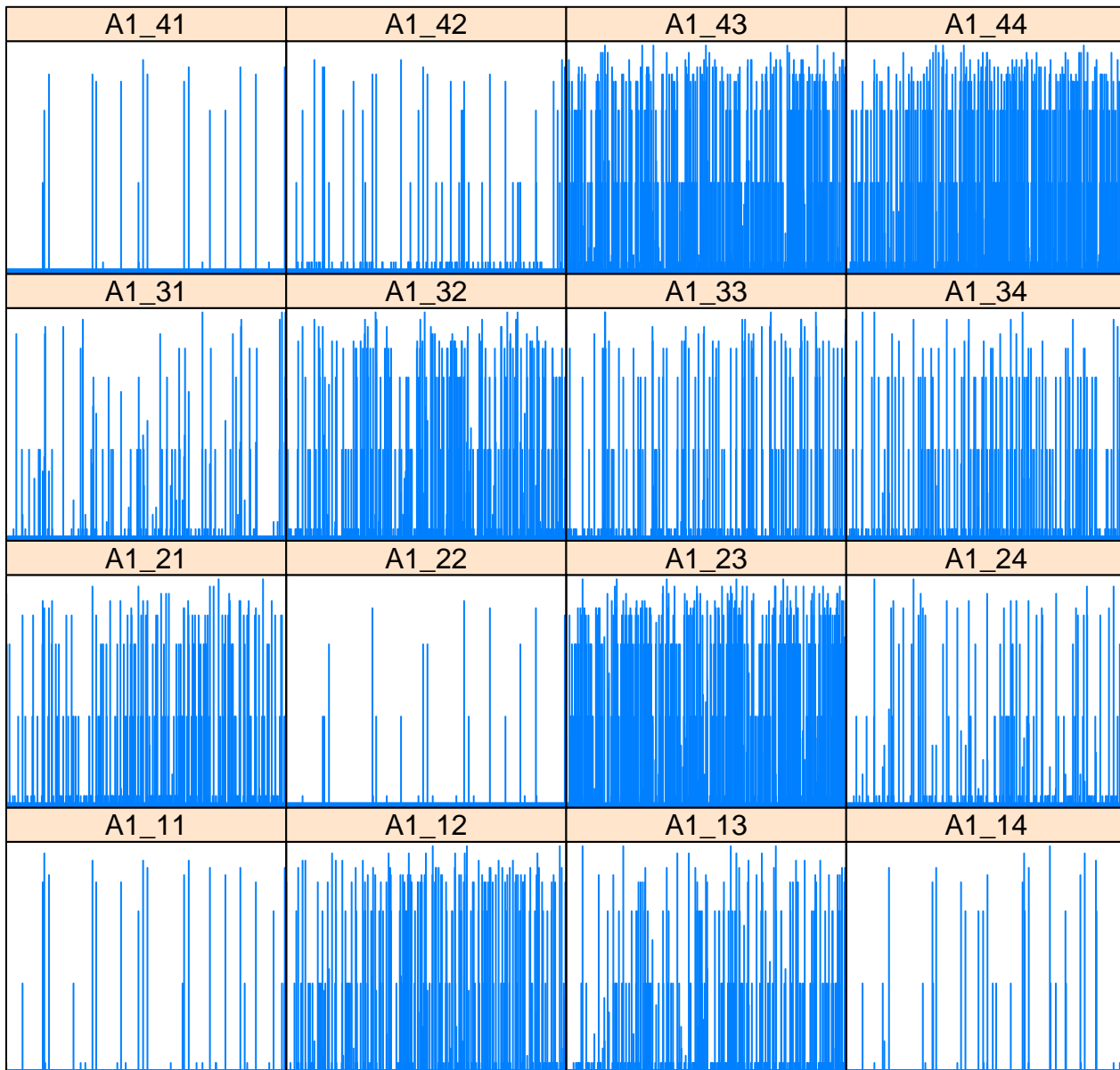
# Mean Firing Rate (Hz) by Channels within Wells

file= Kcnt1Y777H\_20170817\_500659\_DIV11



**Mean Firing Rate per Second for Well A1. Maximum firing rate:9 Hz**

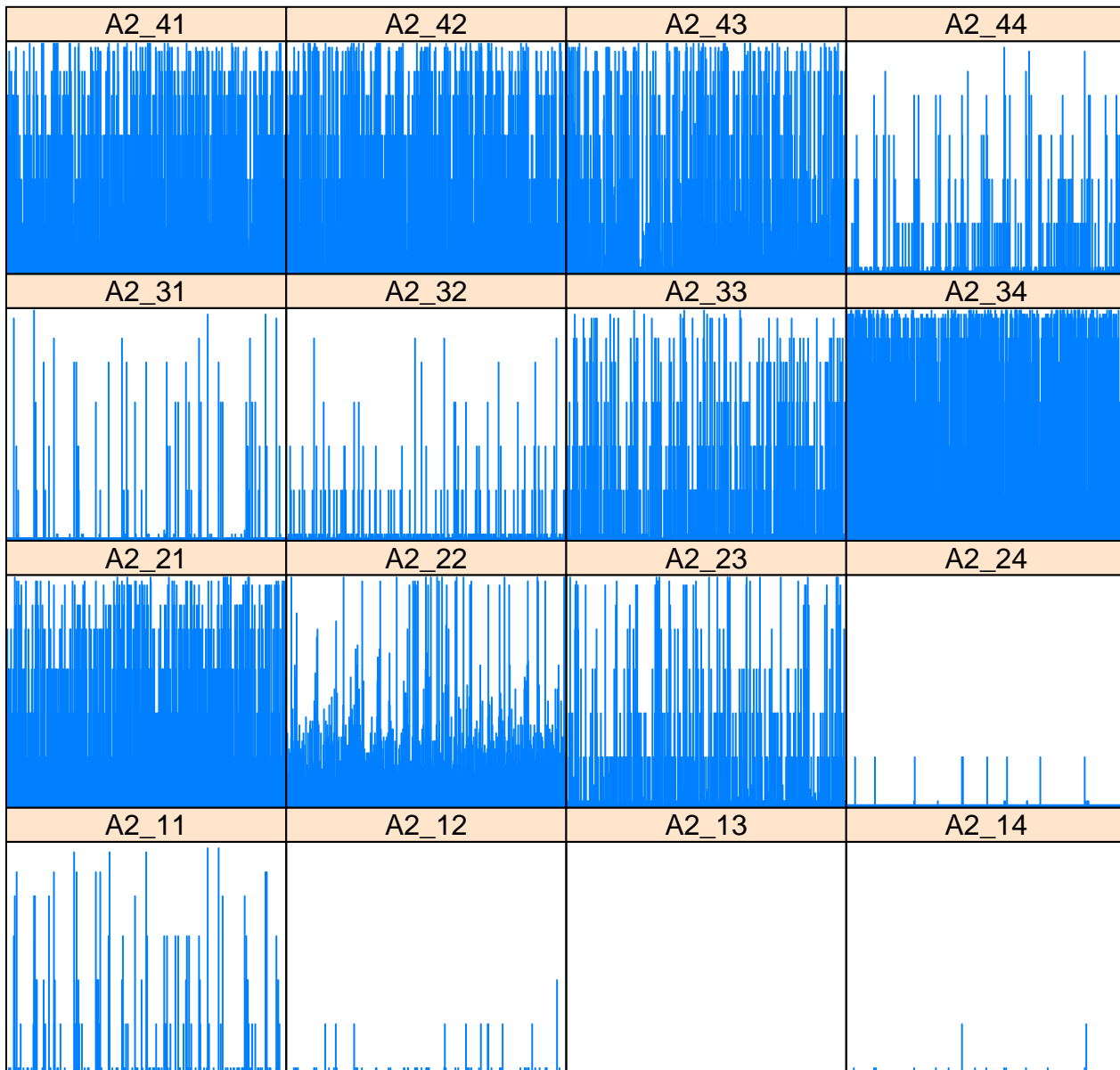
meanfiringrate



time

**Mean Firing Rate per Second for Well A2. Maximum firing rate:9 Hz**

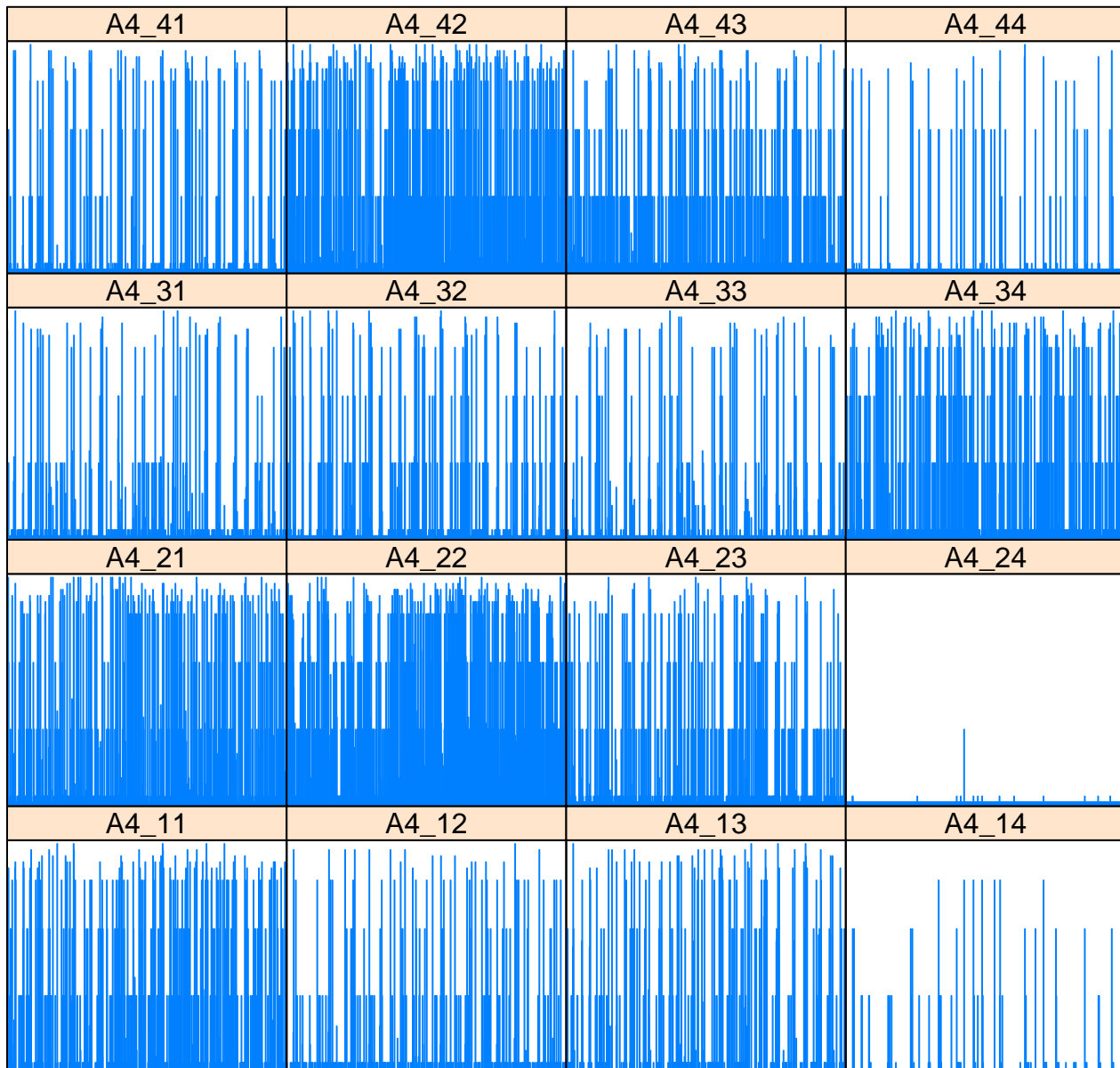
meanfiringrate



time

**Mean Firing Rate per Second for Well A4. Maximum firing rate:9 Hz**

meanfiringrate

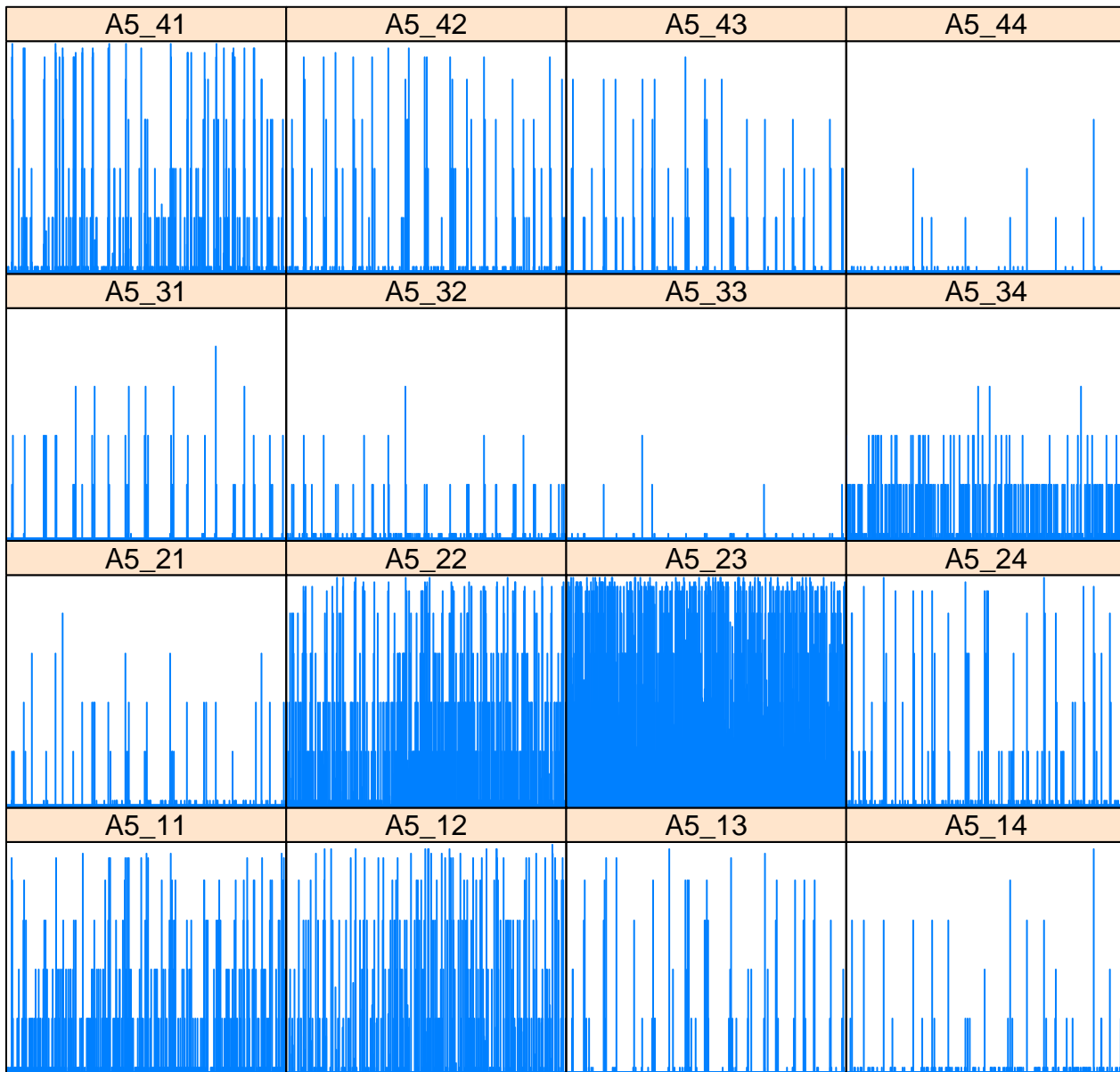


time



# Mean Firing Rate per Second for Well A5. Maximum firing rate:9 Hz

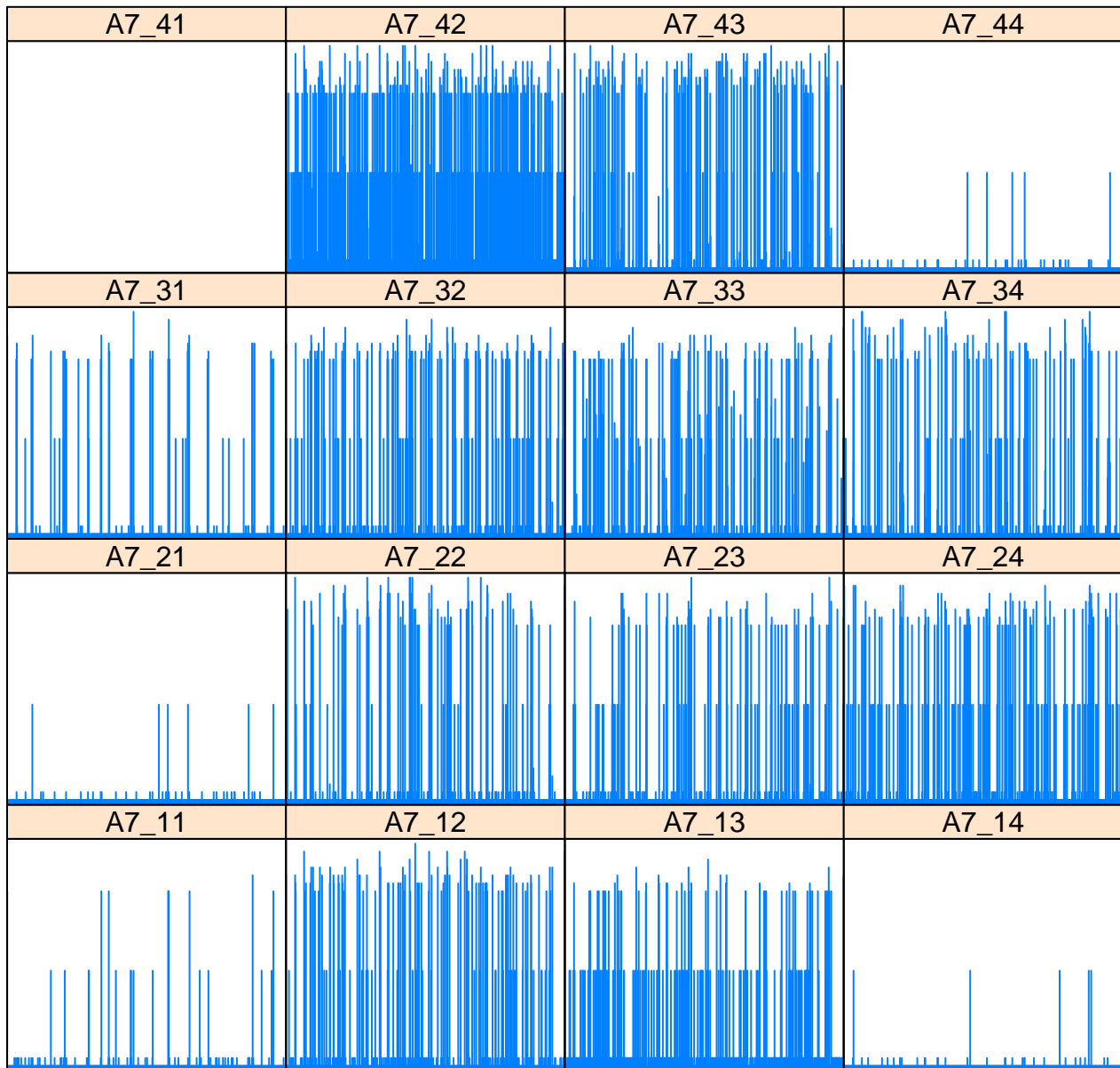
meanfiringrate



time

**Mean Firing Rate per Second for Well A7. Maximum firing rate:9 Hz**

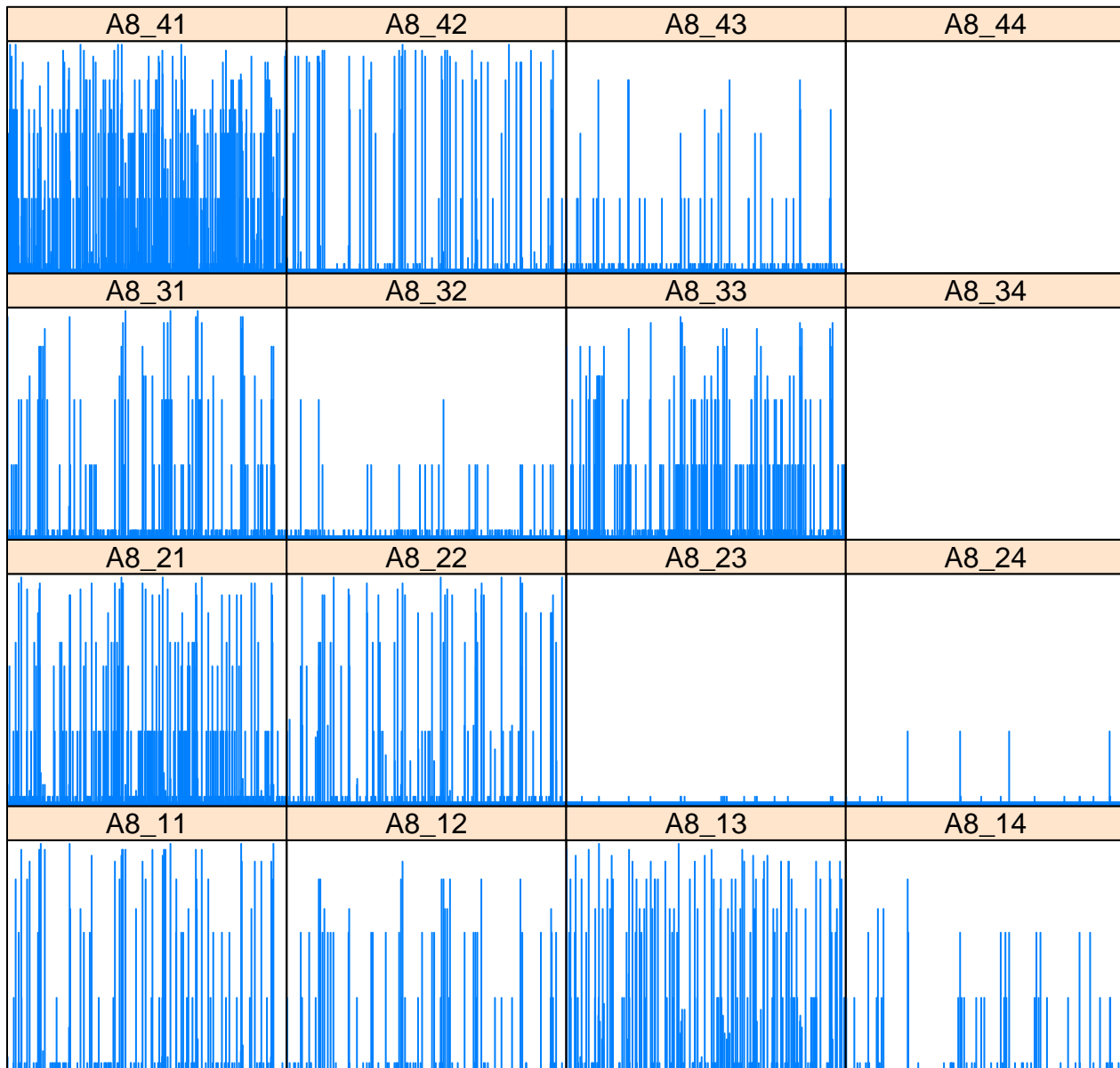
meanfiringrate



time

# Mean Firing Rate per Second for Well A8. Maximum firing rate:9 Hz

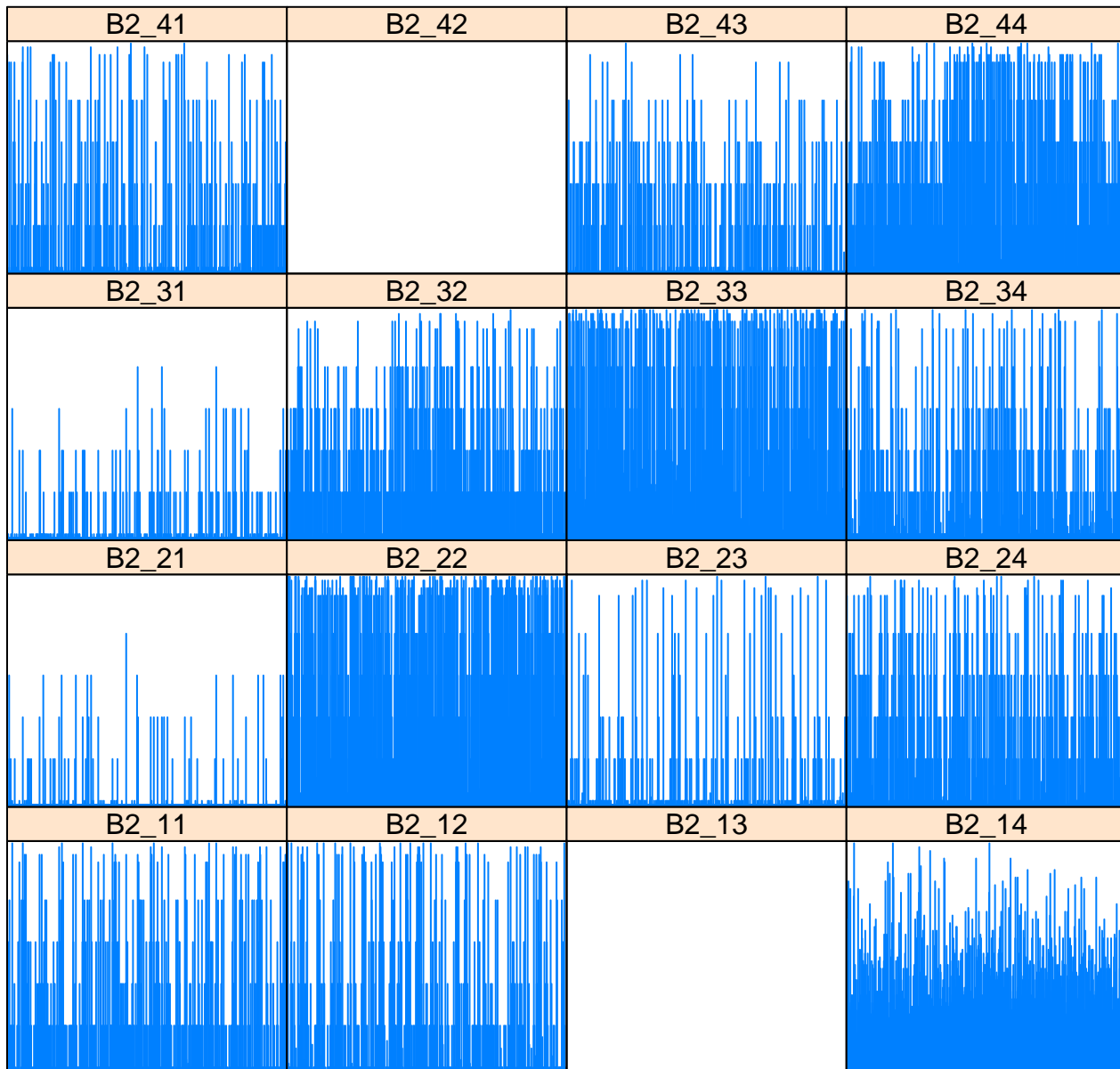
meanfiringrate



time

# Mean Firing Rate per Second for Well B2. Maximum firing rate:9 Hz

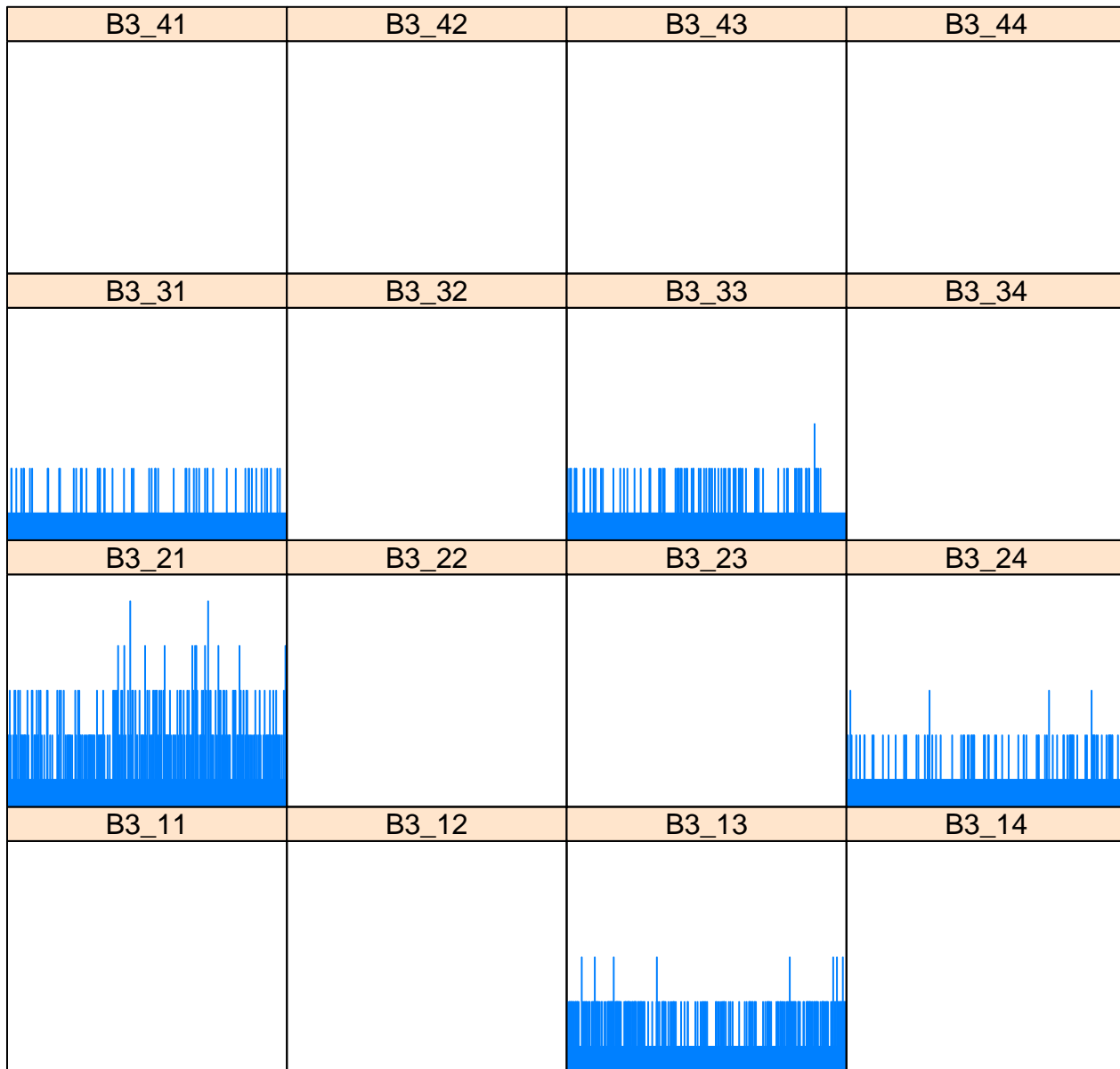
meanfiringrate



time

# Mean Firing Rate per Second for Well B3. Maximum firing rate:4 Hz

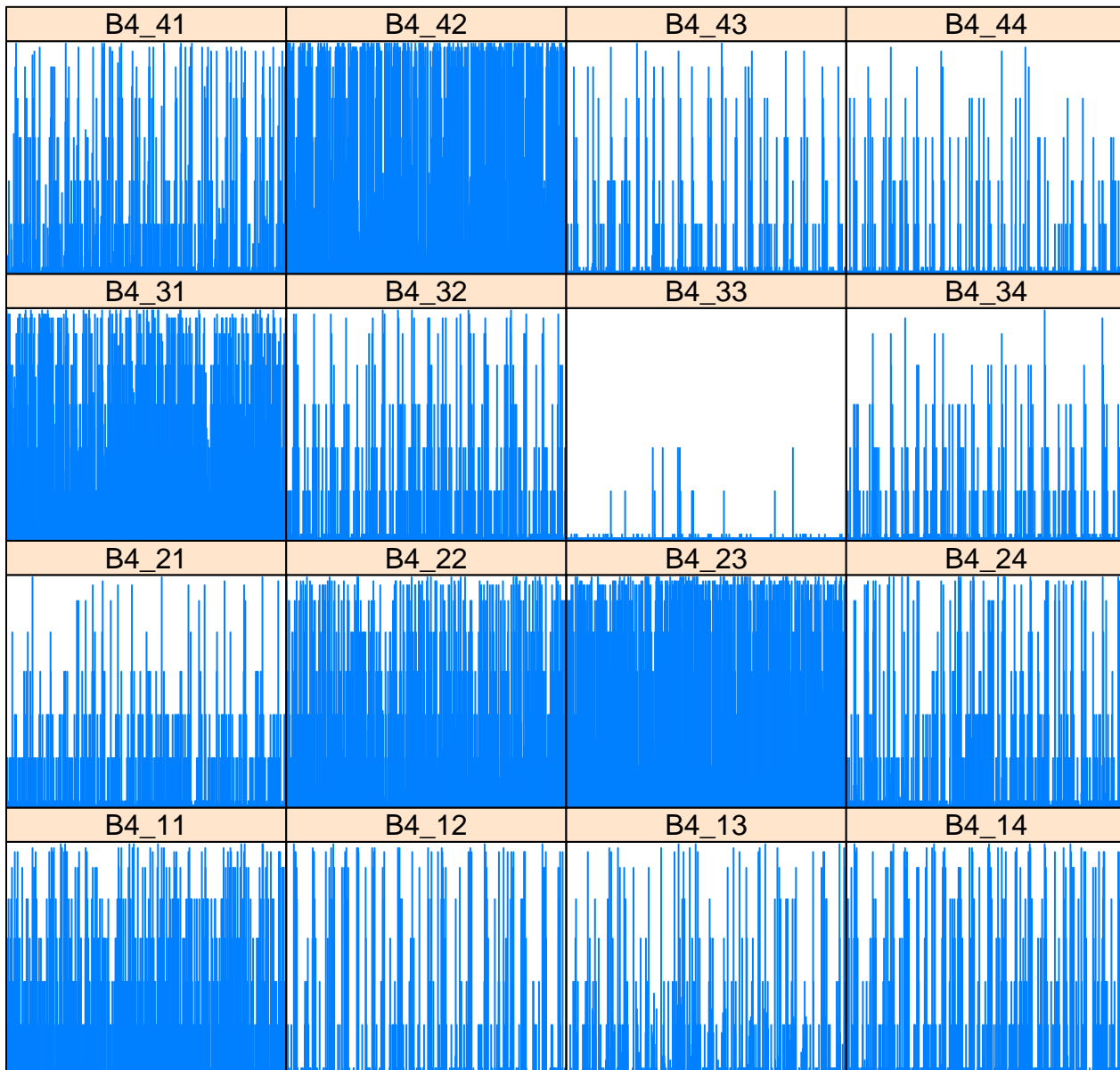
meanfiringrate



time

# Mean Firing Rate per Second for Well B4. Maximum firing rate:9 Hz

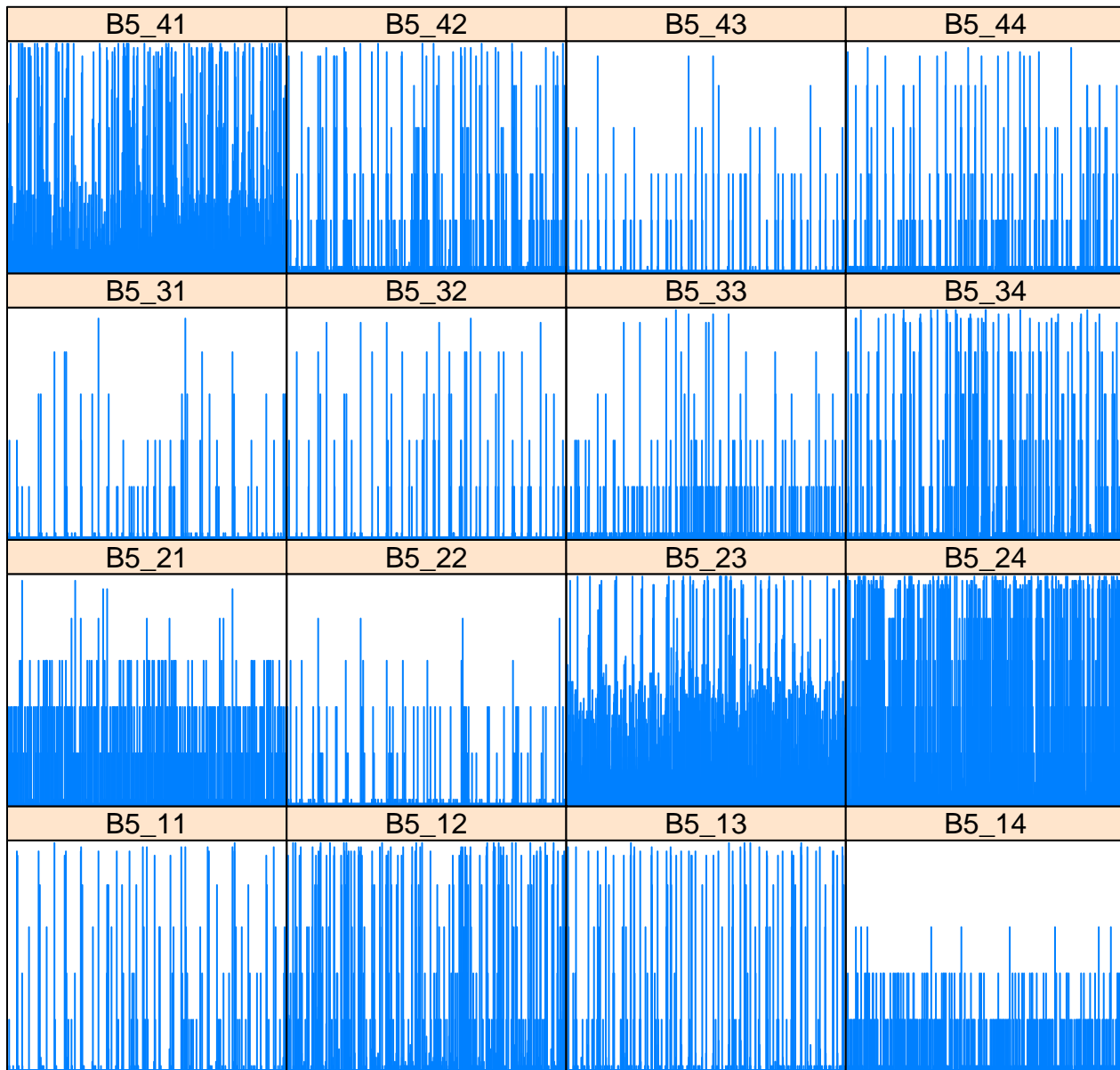
meanfiringrate



time

# Mean Firing Rate per Second for Well B5. Maximum firing rate:9 Hz

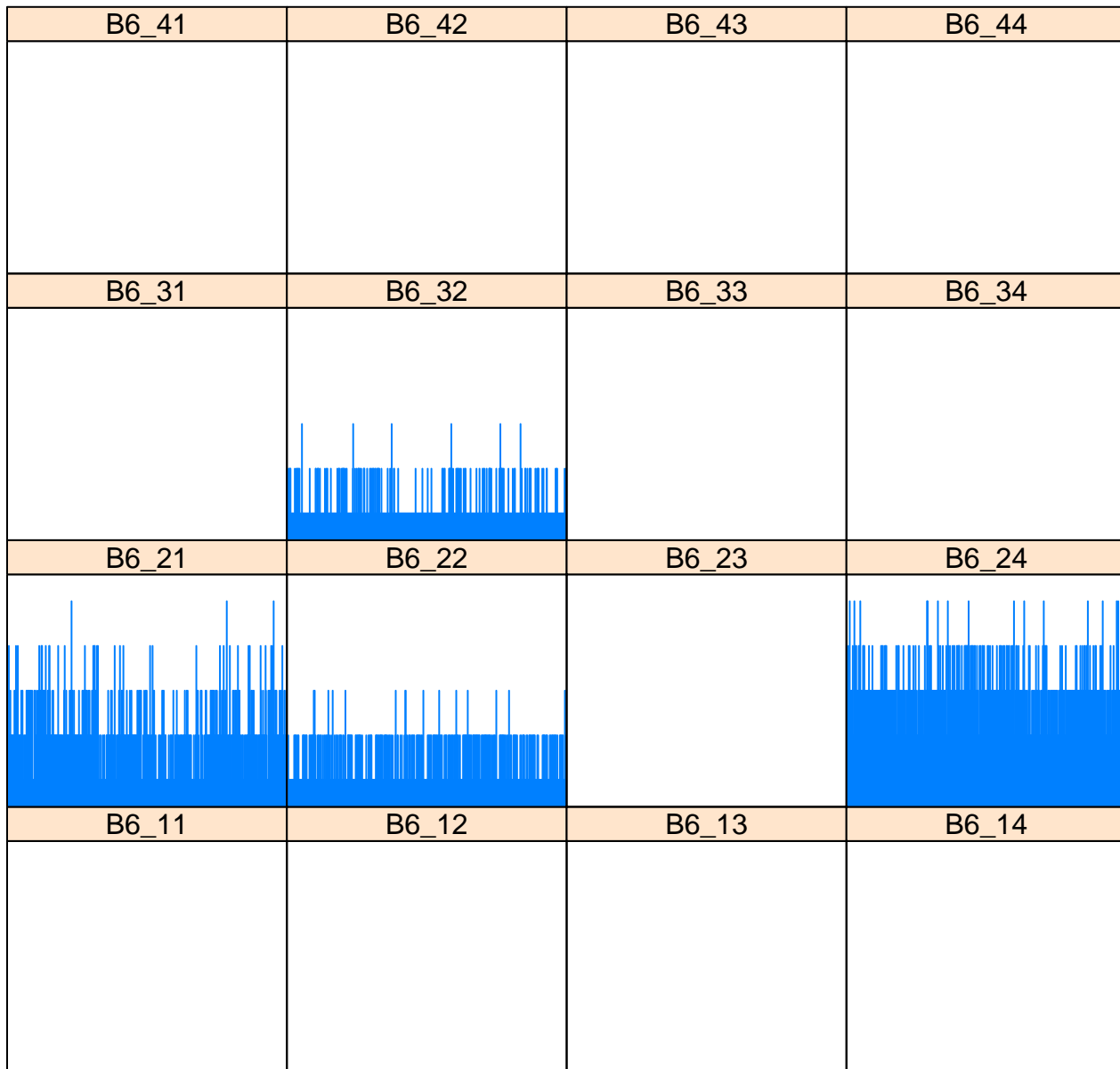
meanfiringrate



time

# Mean Firing Rate per Second for Well B6. Maximum firing rate:4 Hz

meanfiringrate

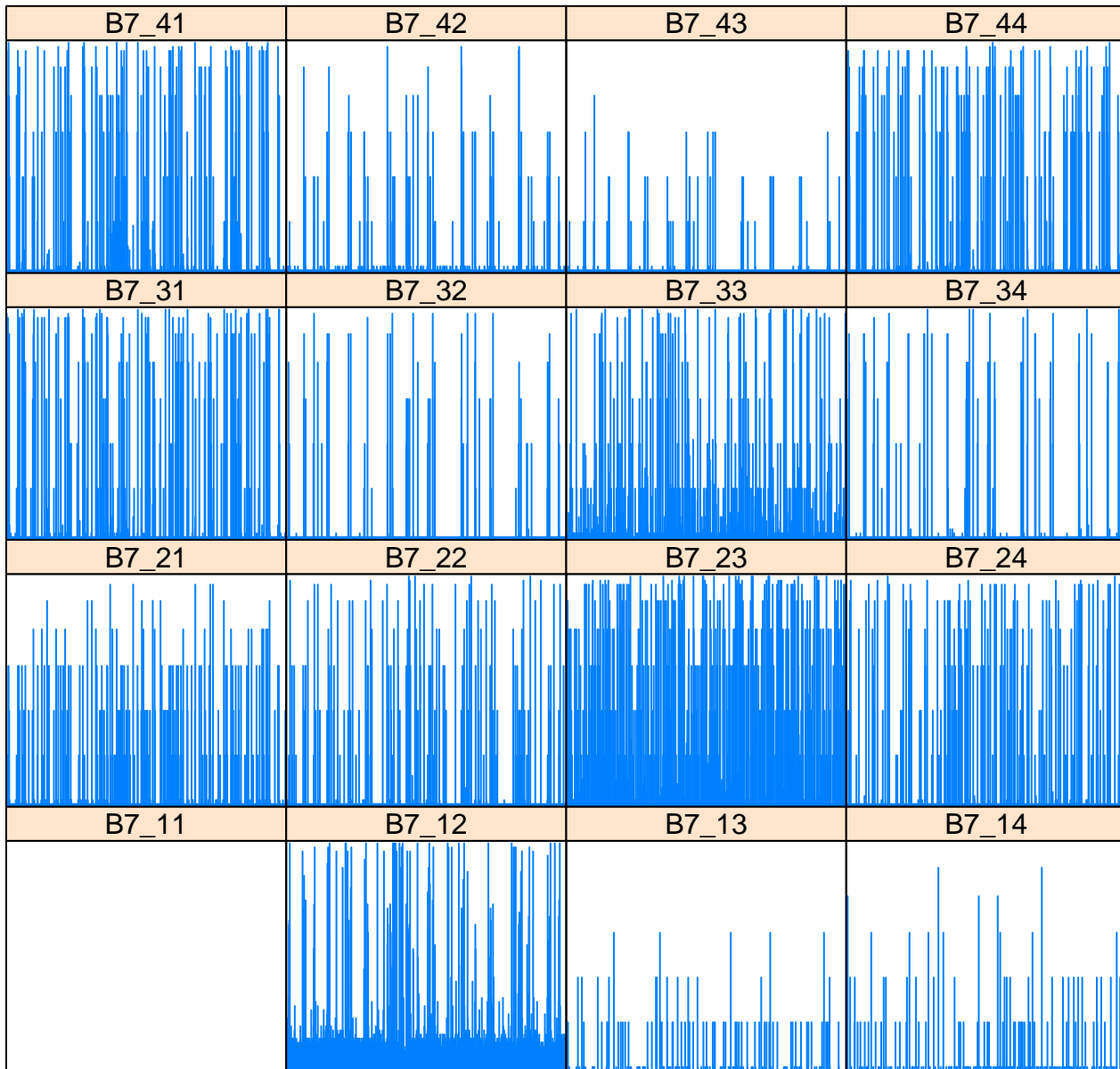


time



**Mean Firing Rate per Second for Well B7. Maximum firing rate:9 Hz**

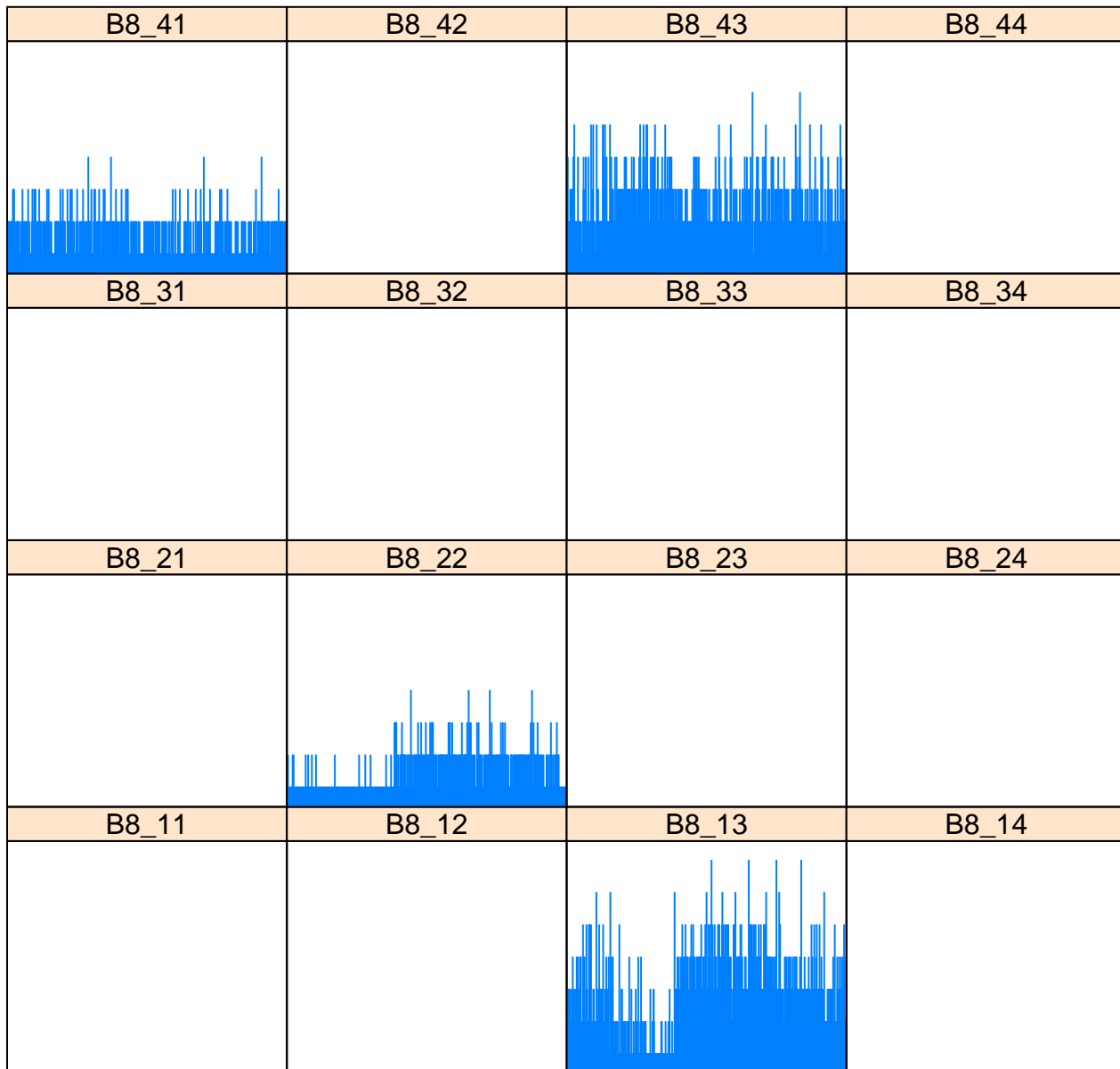
meanfiringrate



time

# Mean Firing Rate per Second for Well B8. Maximum firing rate:6 Hz

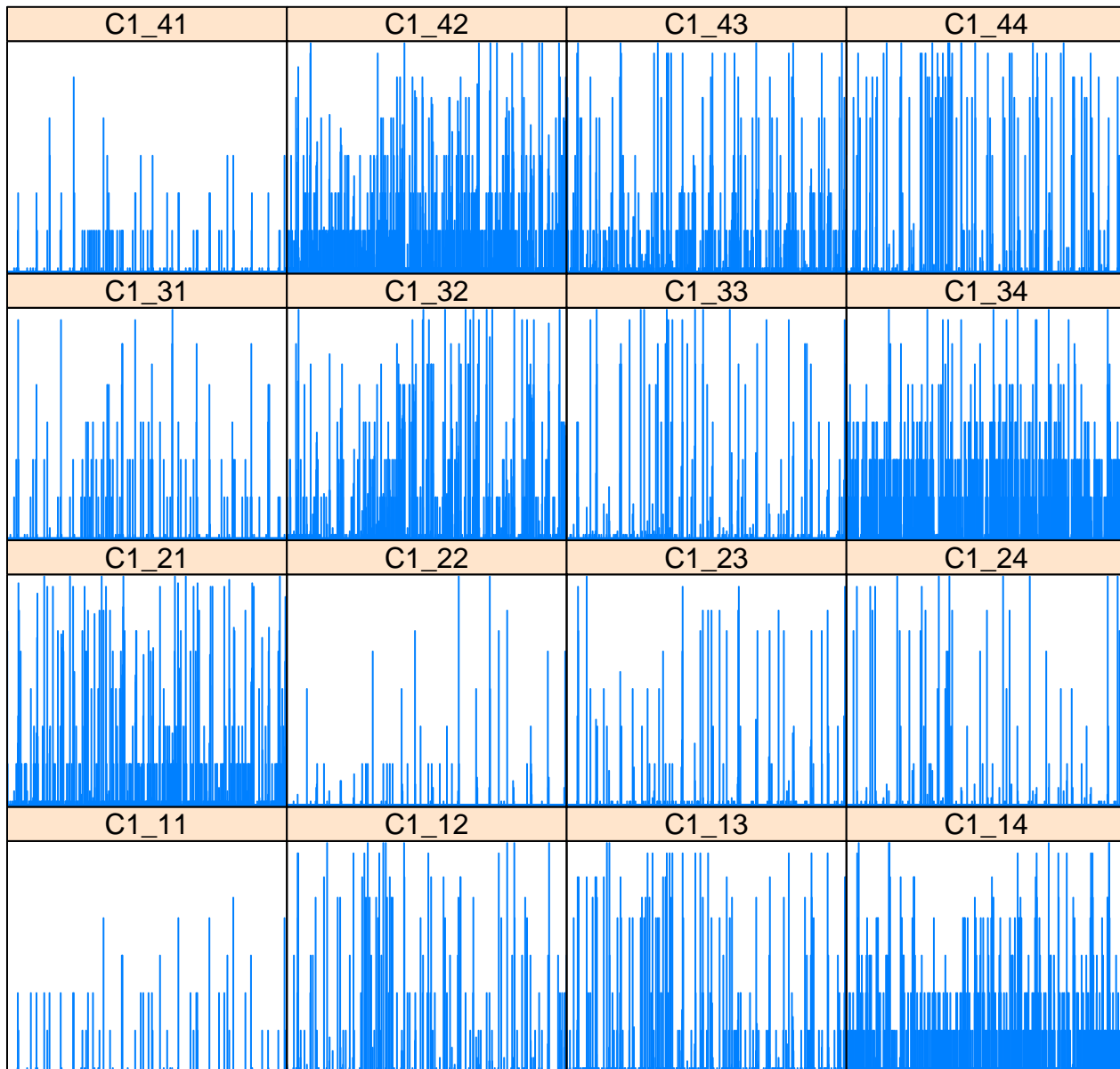
meanfiringrate



time

# Mean Firing Rate per Second for Well C1. Maximum firing rate:9 Hz

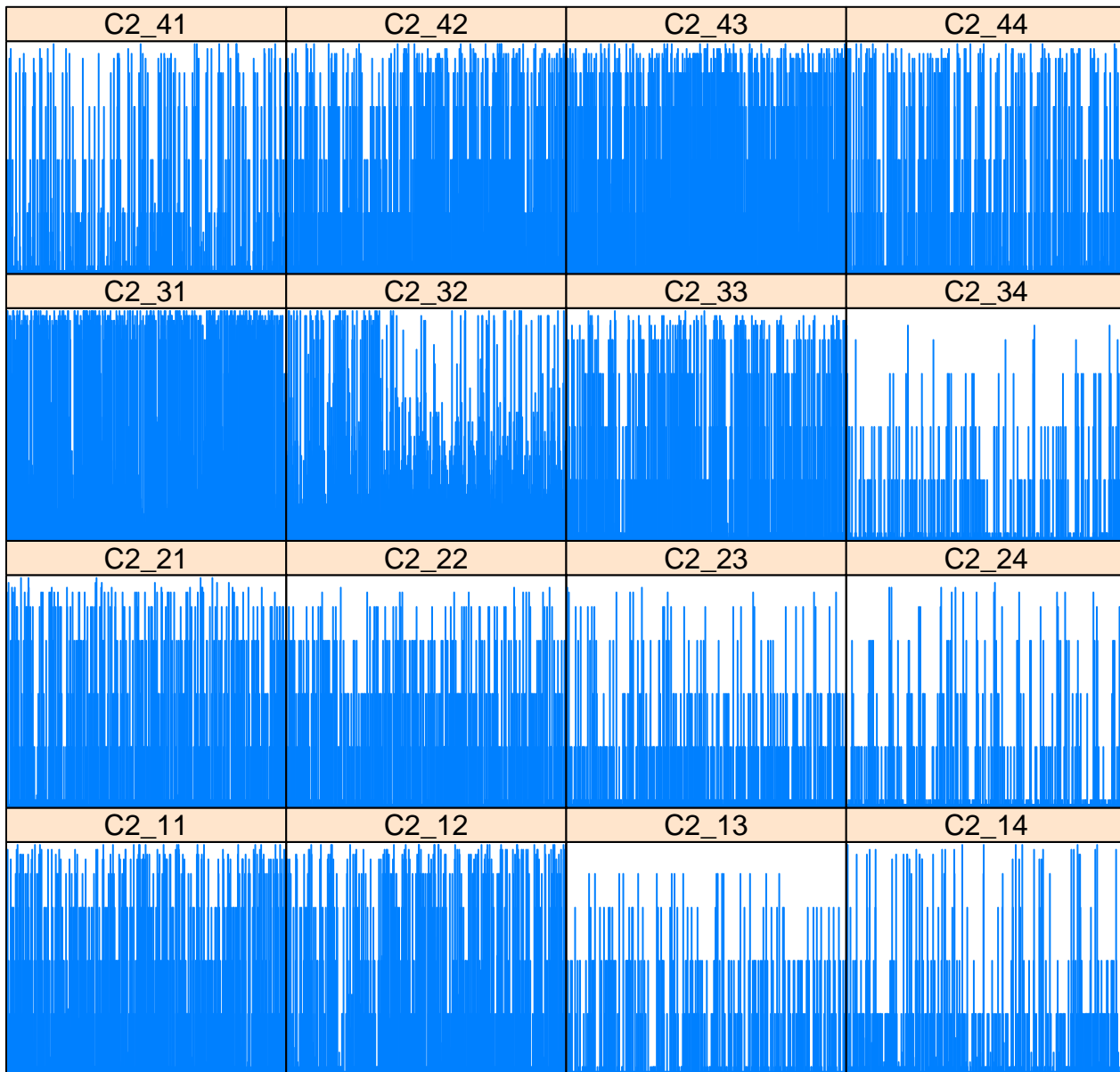
meanfiringrate



time

# Mean Firing Rate per Second for Well C2. Maximum firing rate:9 Hz

meanfiringrate



time

# Mean Firing Rate per Second for Well C3. Maximum firing rate:2 Hz

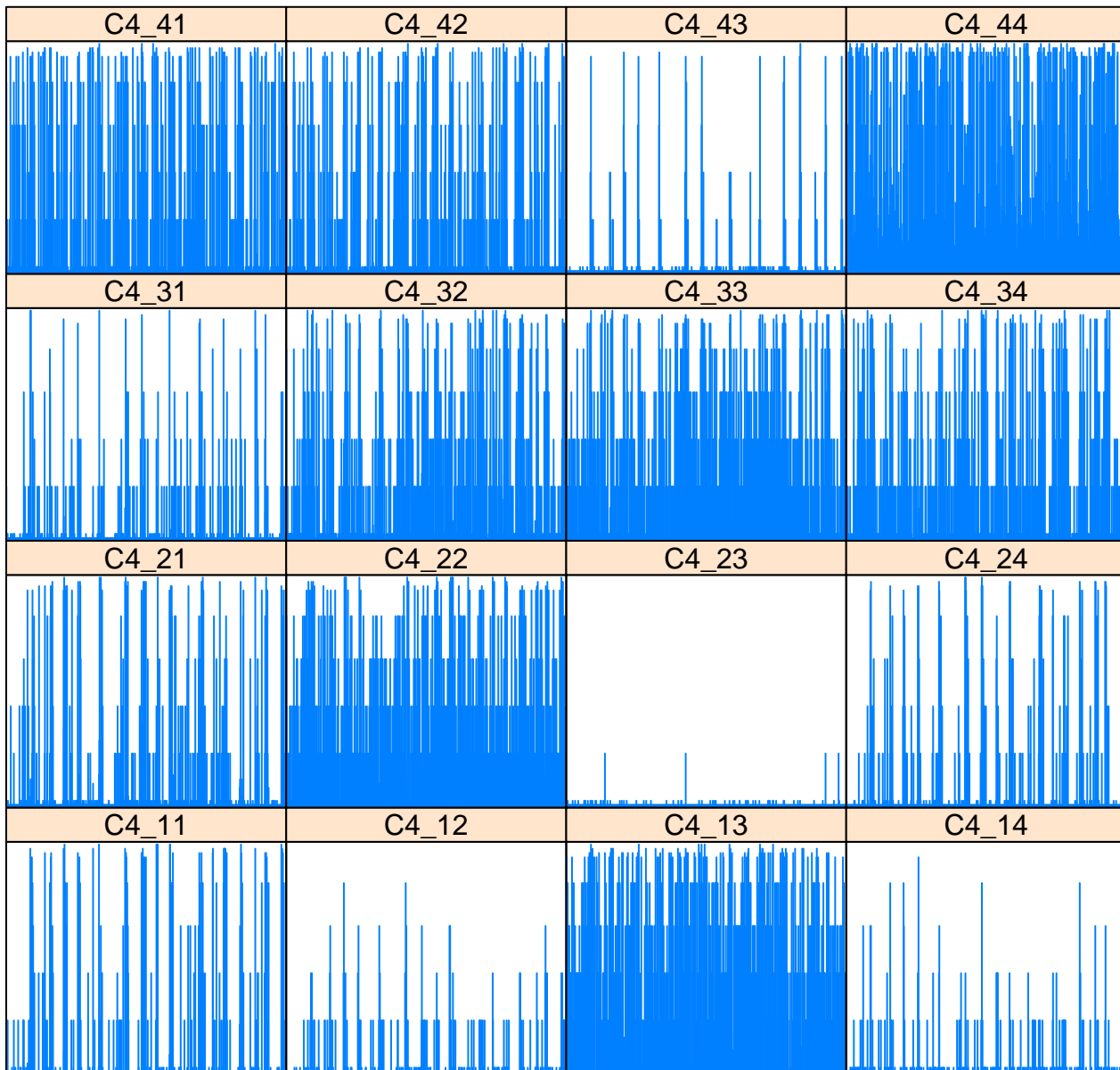
meanfiringrate



time

**Mean Firing Rate per Second for Well C4. Maximum firing rate:9 Hz**

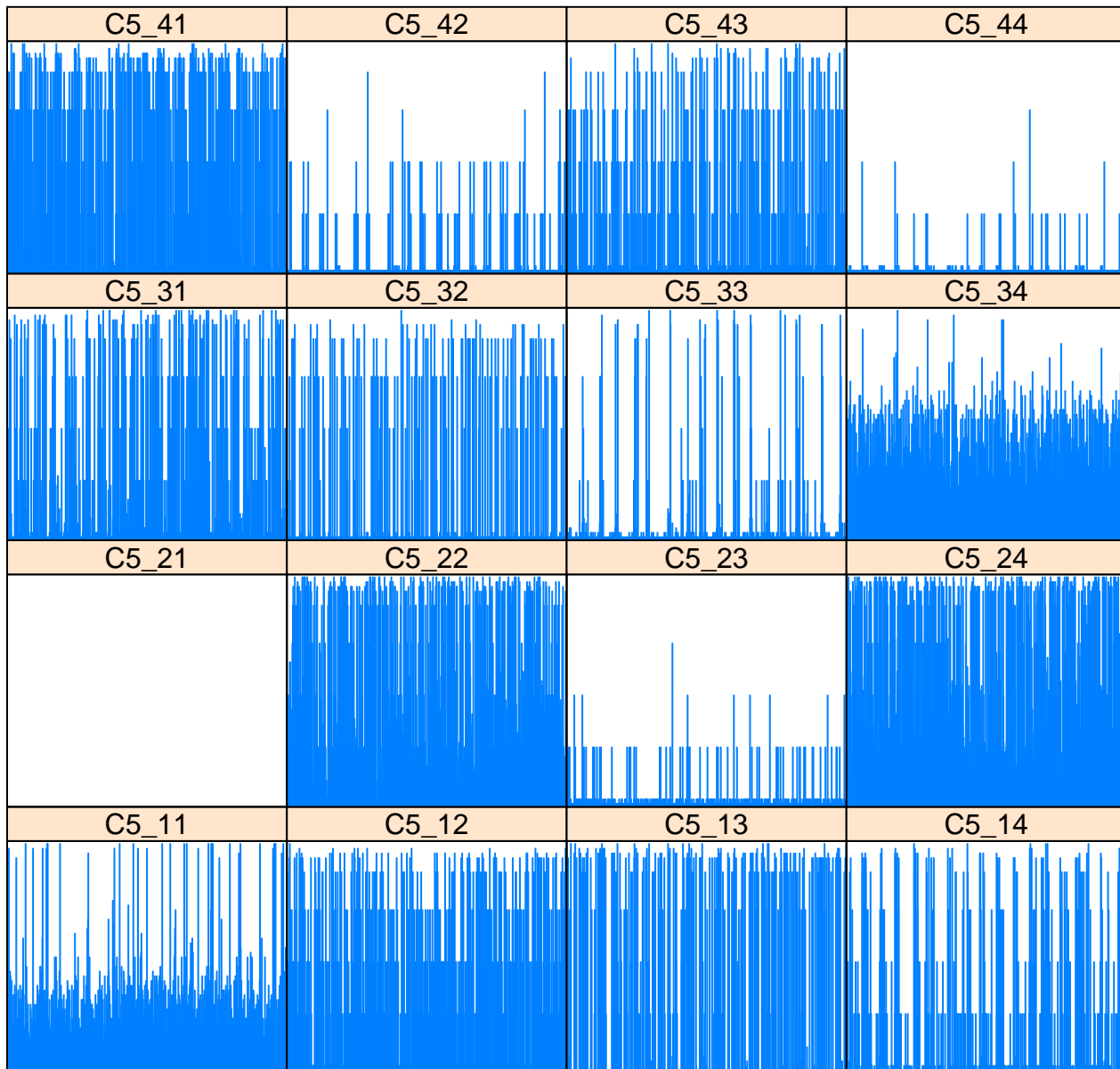
meanfiringrate



time

# Mean Firing Rate per Second for Well C5. Maximum firing rate:9 Hz

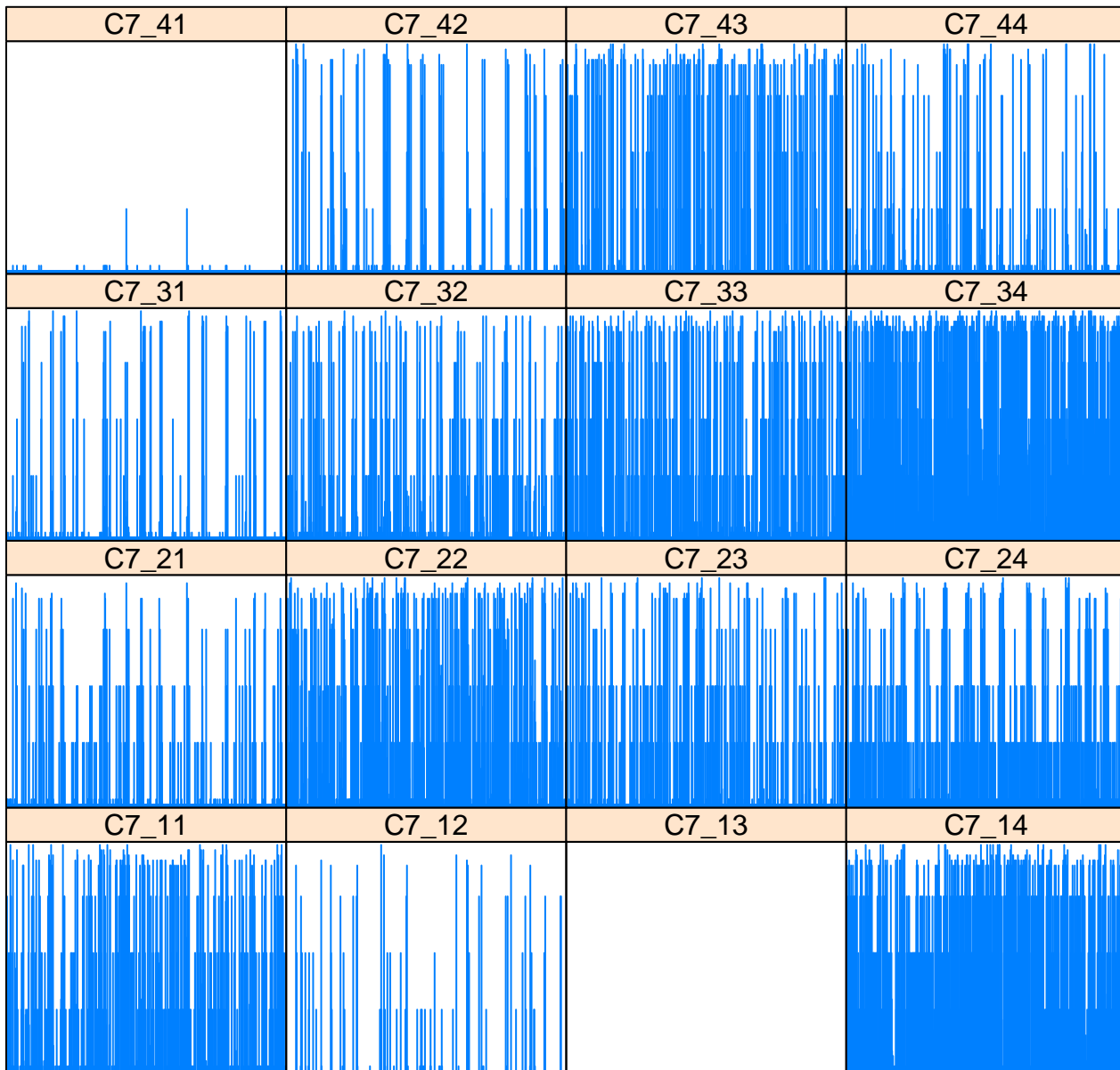
meanfiringrate



time

# Mean Firing Rate per Second for Well C7. Maximum firing rate:9 Hz

meanfiringrate

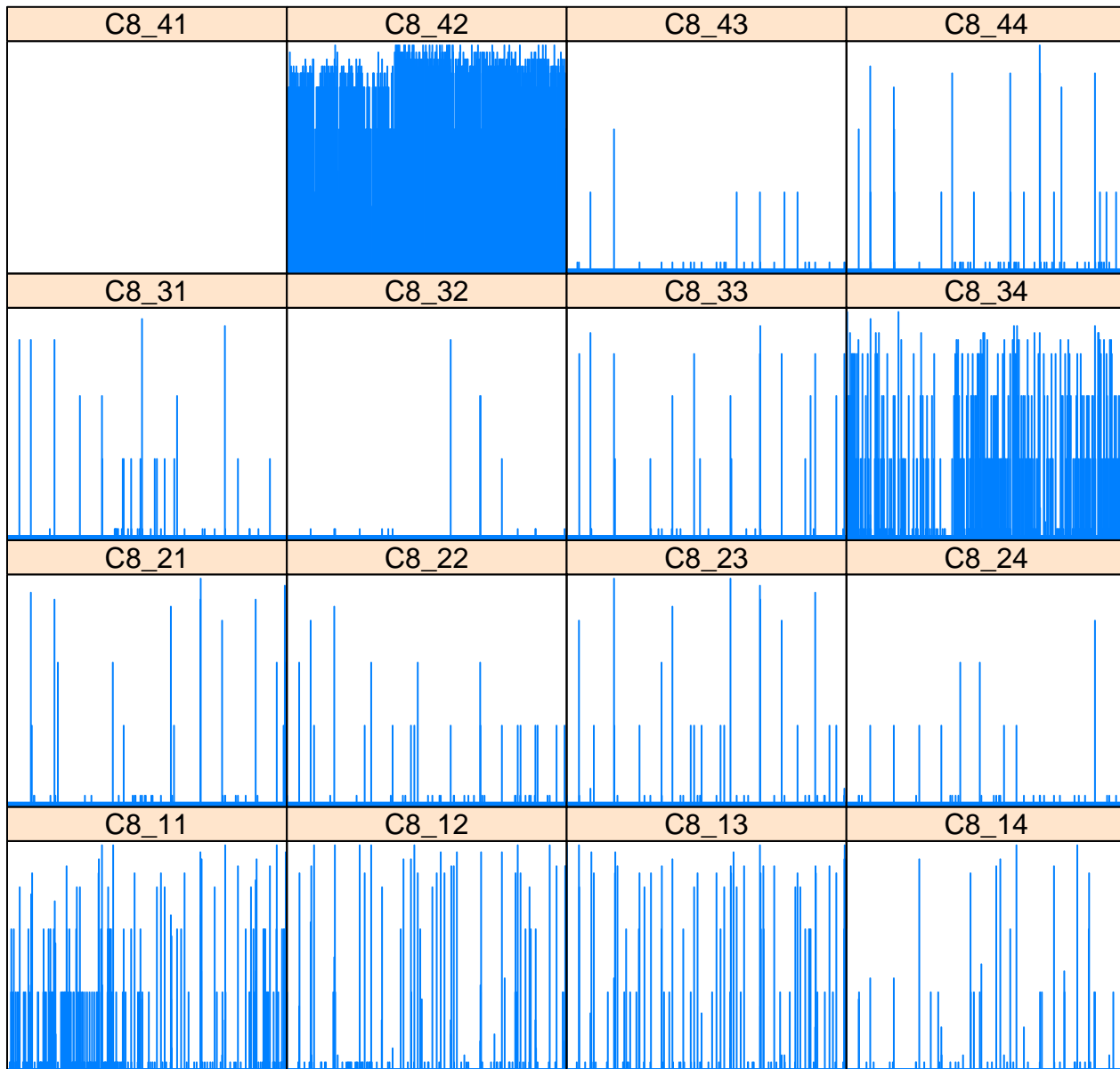


time



**Mean Firing Rate per Second for Well C8. Maximum firing rate:9 Hz**

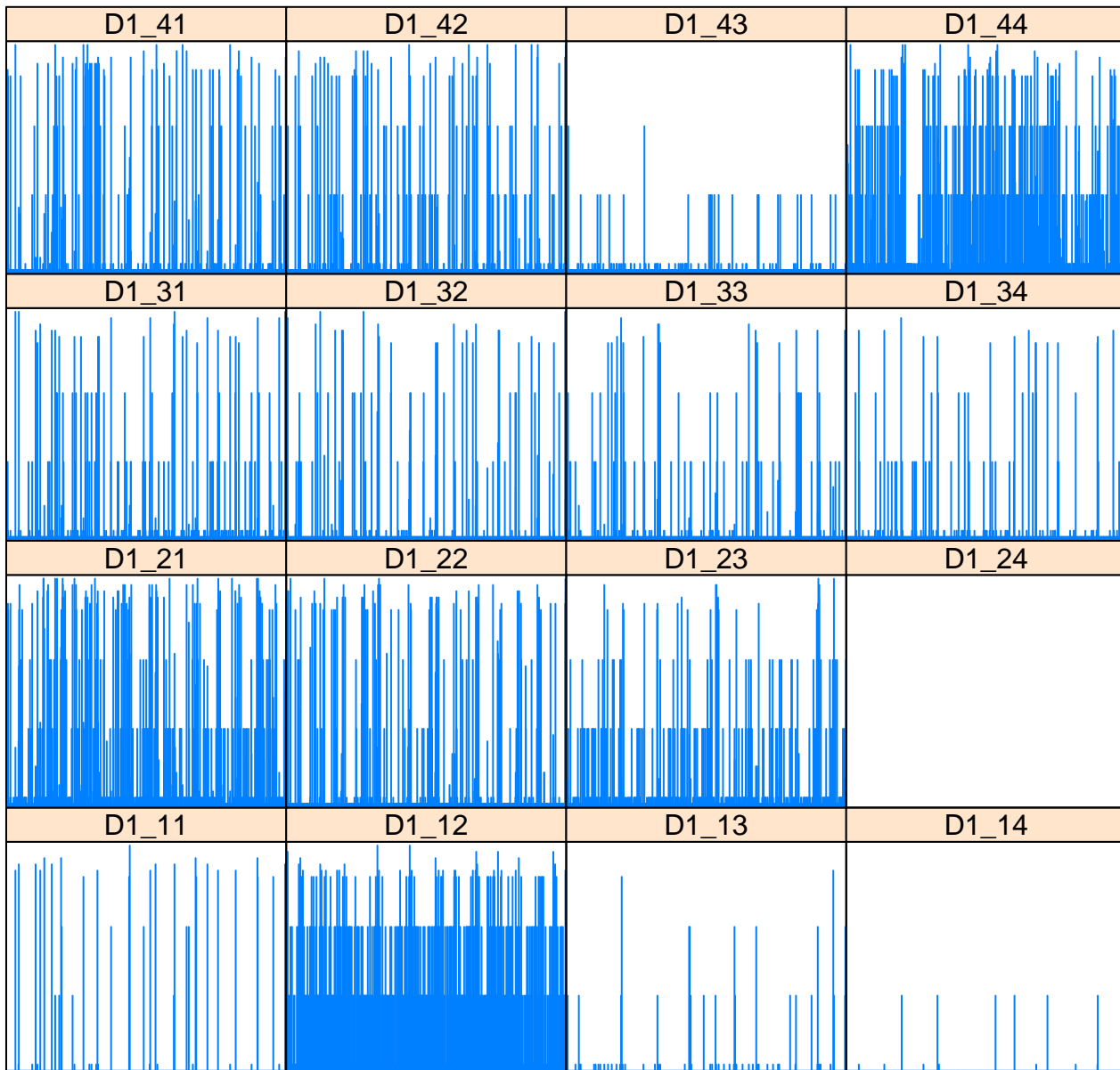
meanfiringrate



time

**Mean Firing Rate per Second for Well D1. Maximum firing rate:9 Hz**

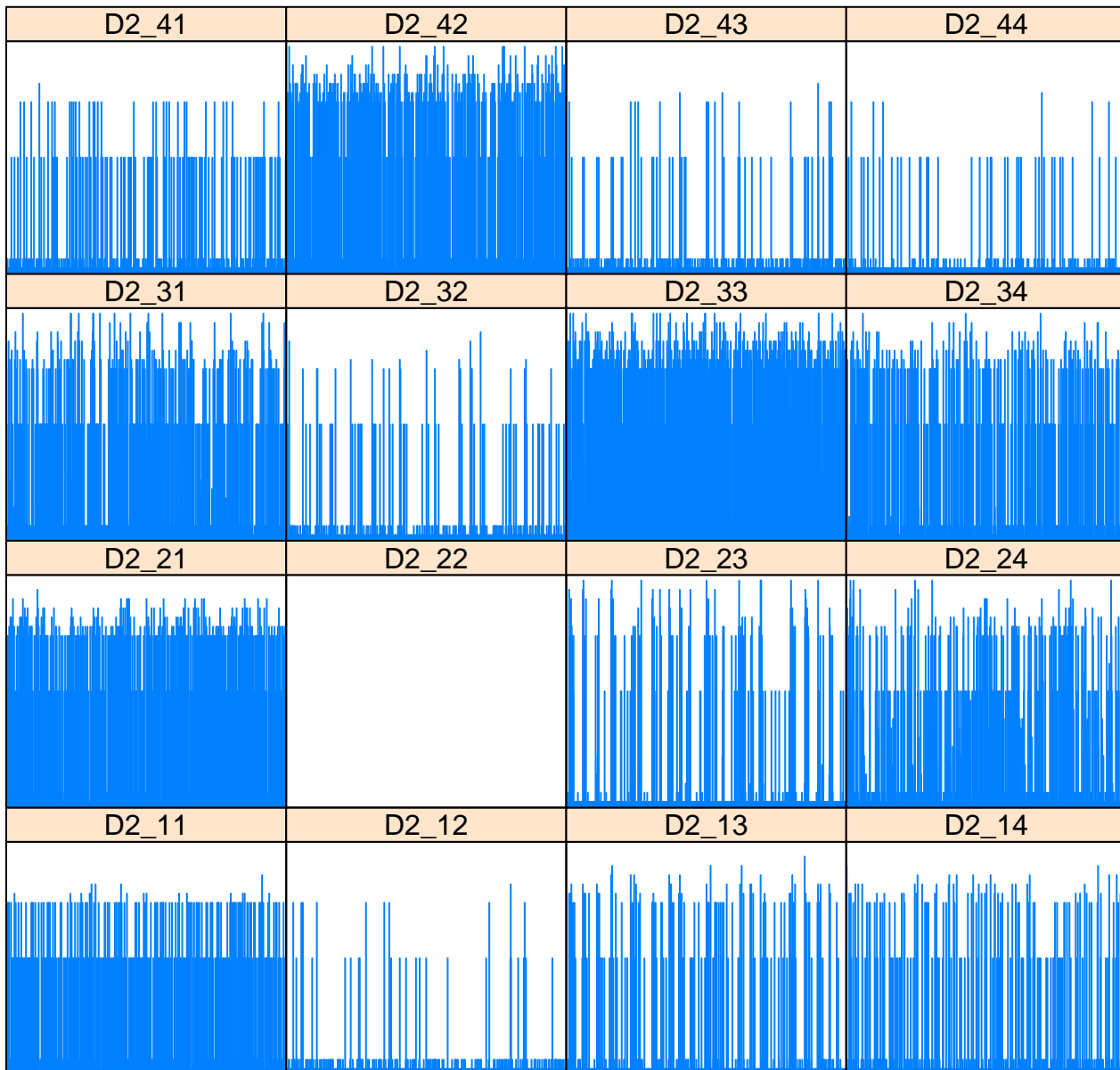
meanfiringrate



time

# Mean Firing Rate per Second for Well D2. Maximum firing rate:9 Hz

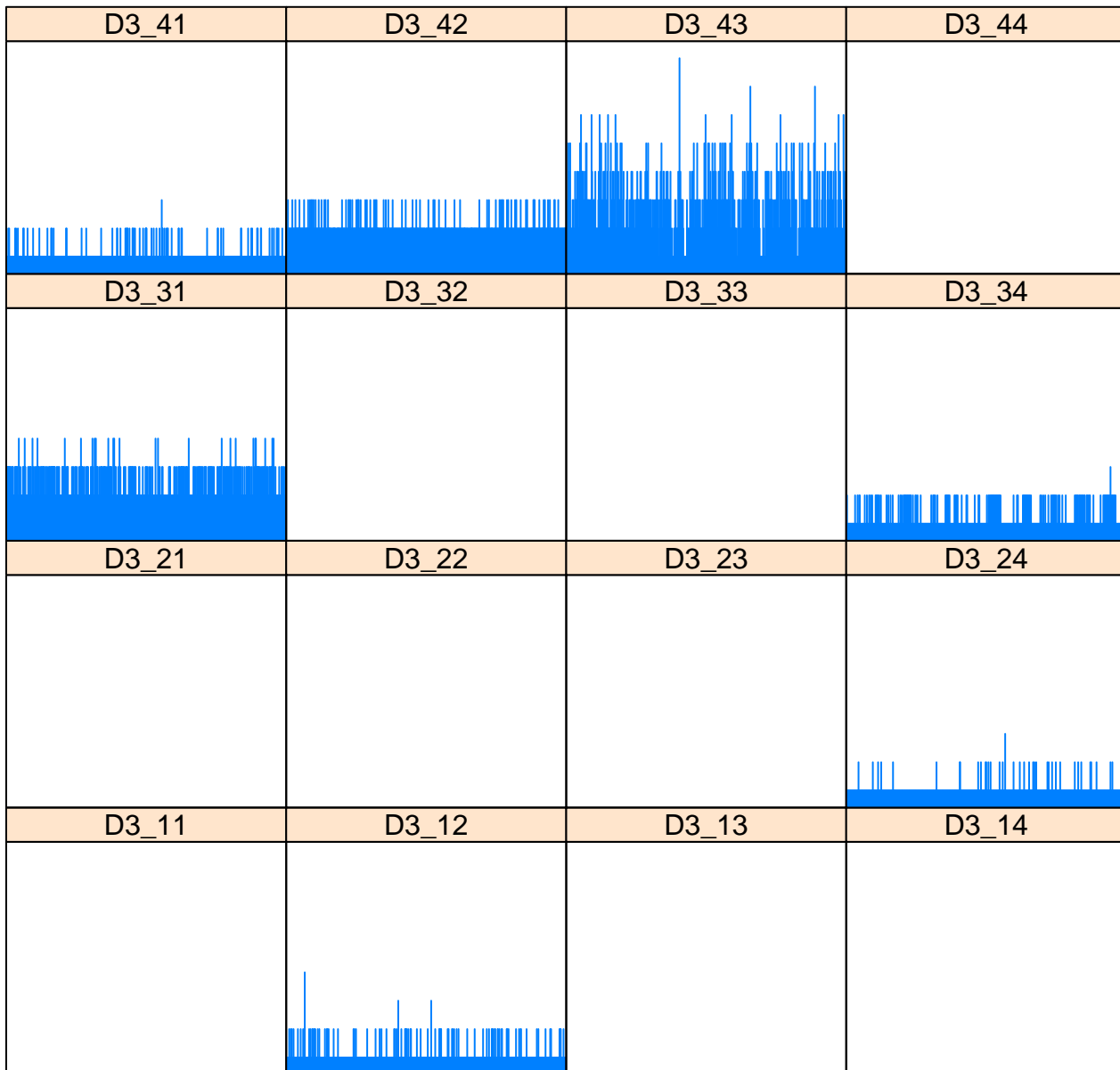
meanfiringrate



time

# Mean Firing Rate per Second for Well D3. Maximum firing rate:7 Hz

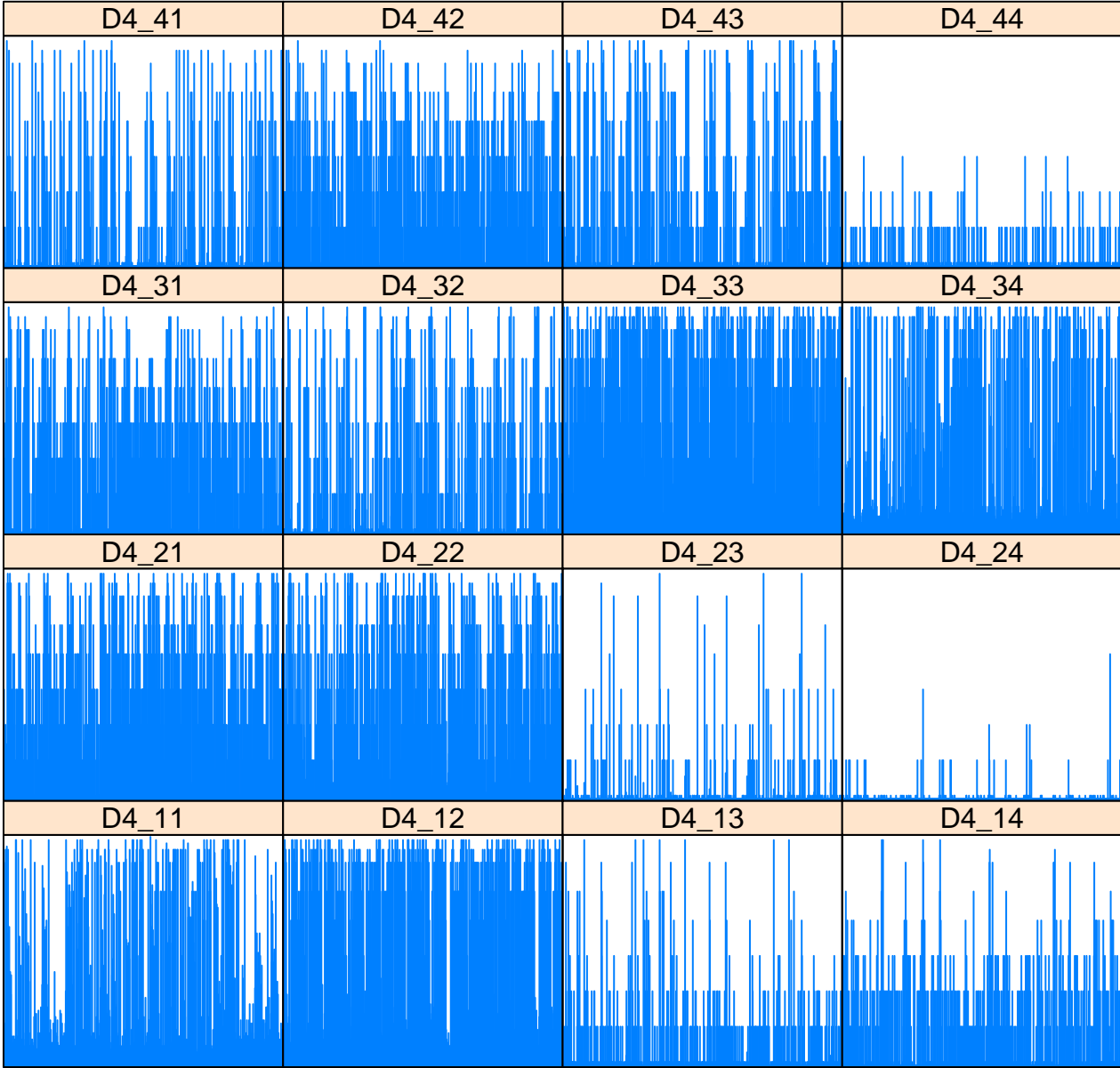
meanfiringrate



time

**Mean Firing Rate per Second for Well D4. Maximum firing rate:97 Hz**

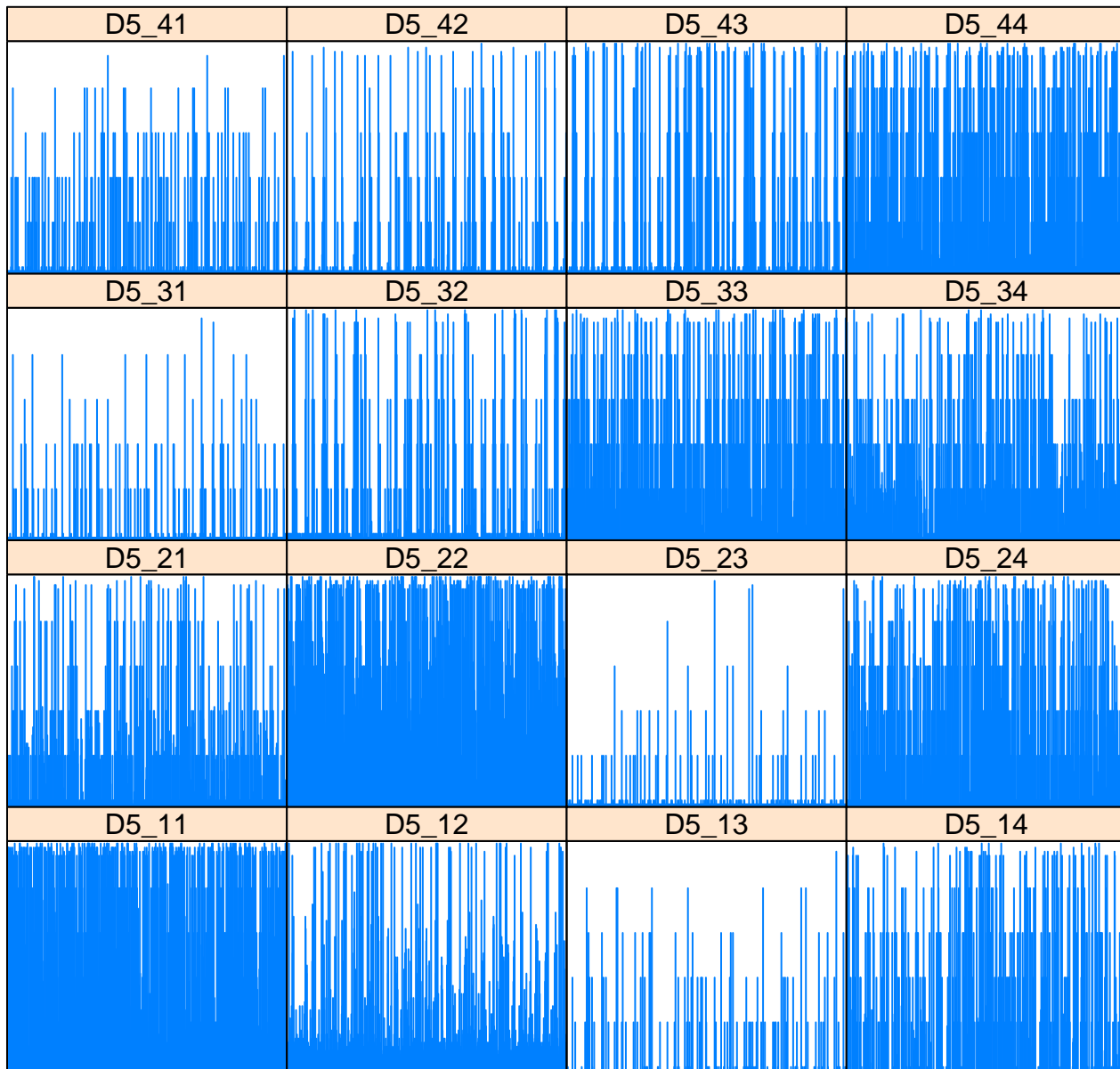
meanfiringrate



time

**Mean Firing Rate per Second for Well D5. Maximum firing rate:9 Hz**

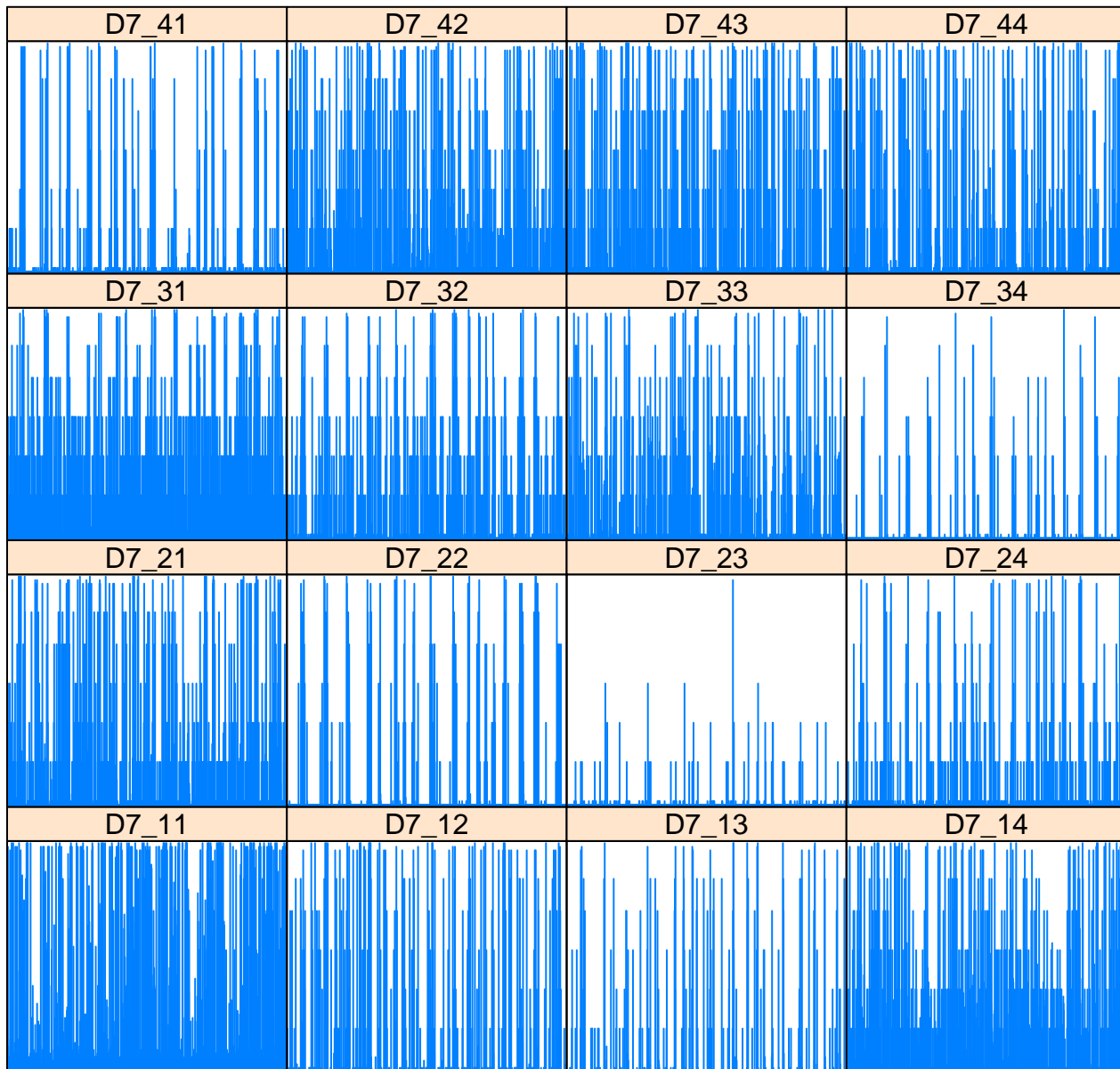
meanfiringrate



time

# Mean Firing Rate per Second for Well D7. Maximum firing rate:9 Hz

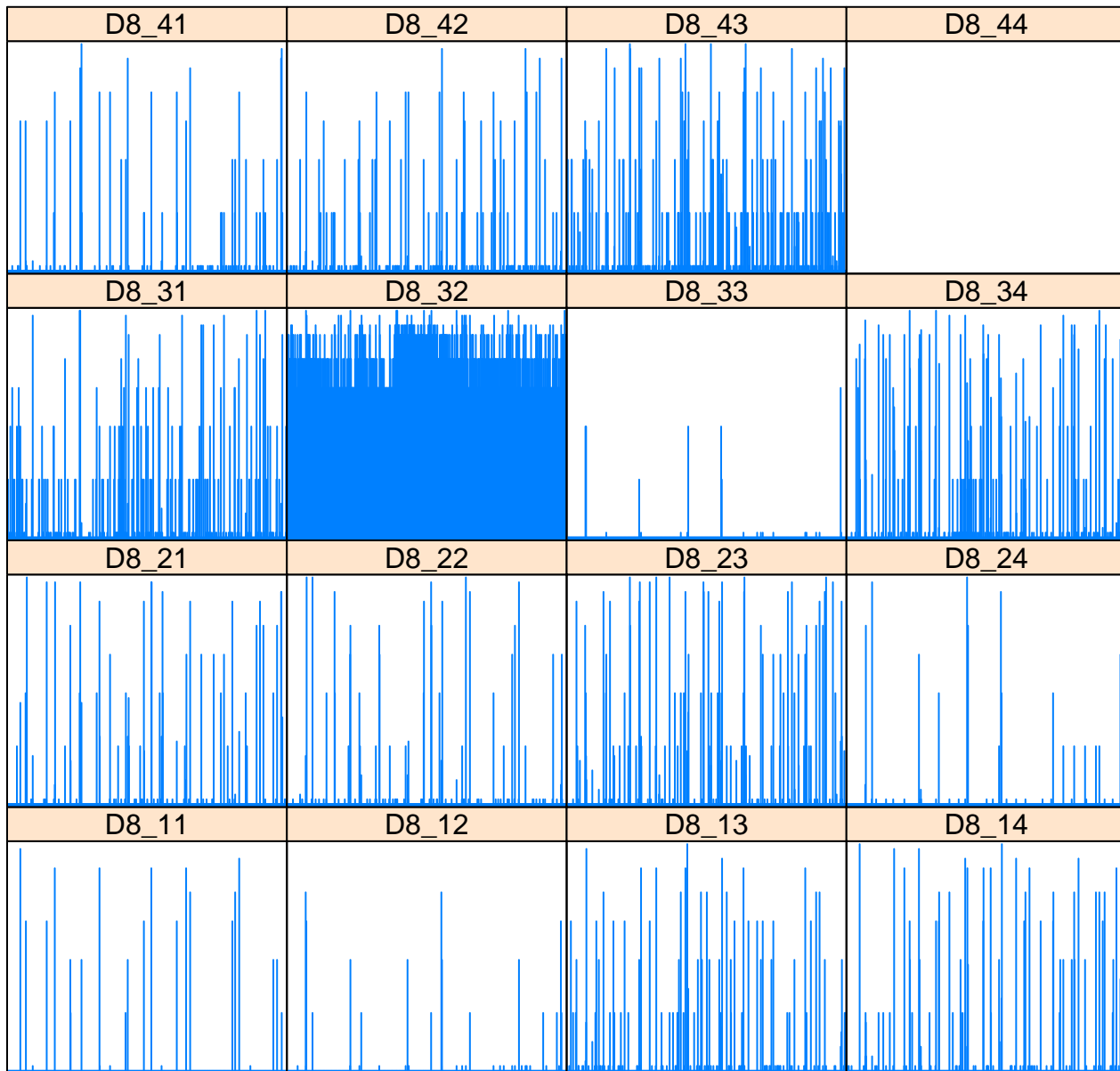
meanfiringrate



time

# Mean Firing Rate per Second for Well D8. Maximum firing rate:9 Hz

meanfiringrate

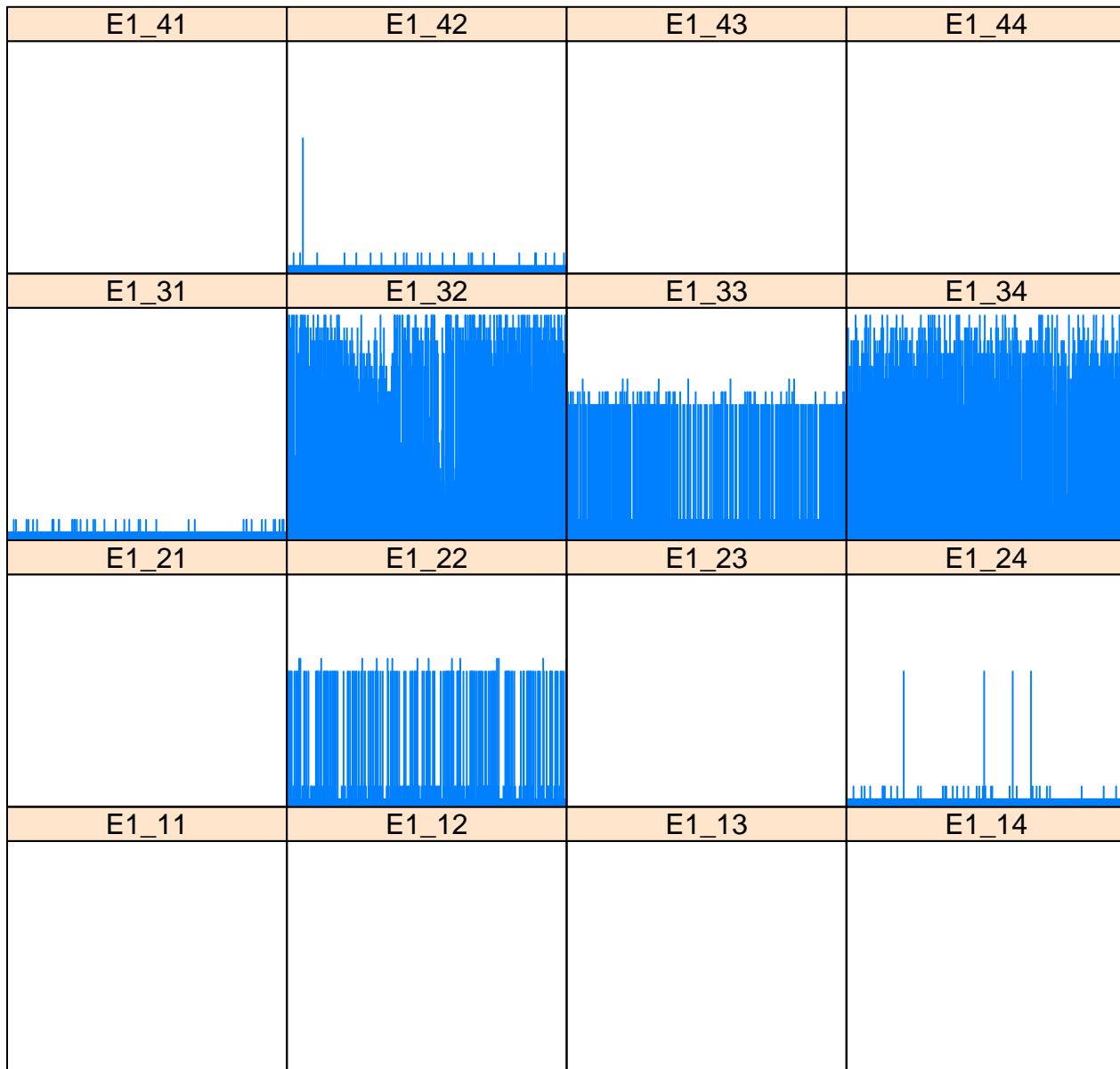


time



**Mean Firing Rate per Second for Well E1. Maximum firing rate:9 Hz**

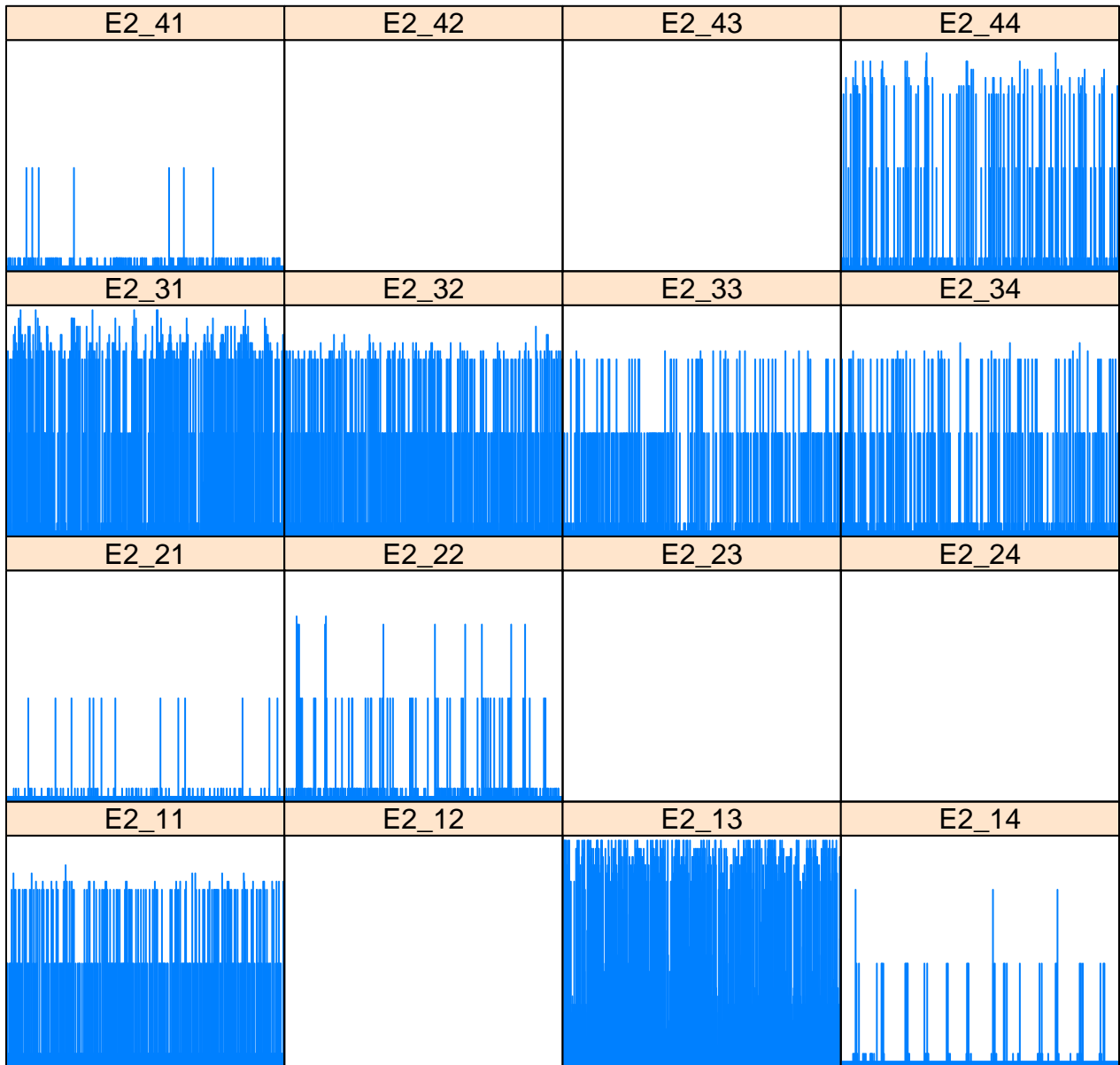
meanfiringrate



time

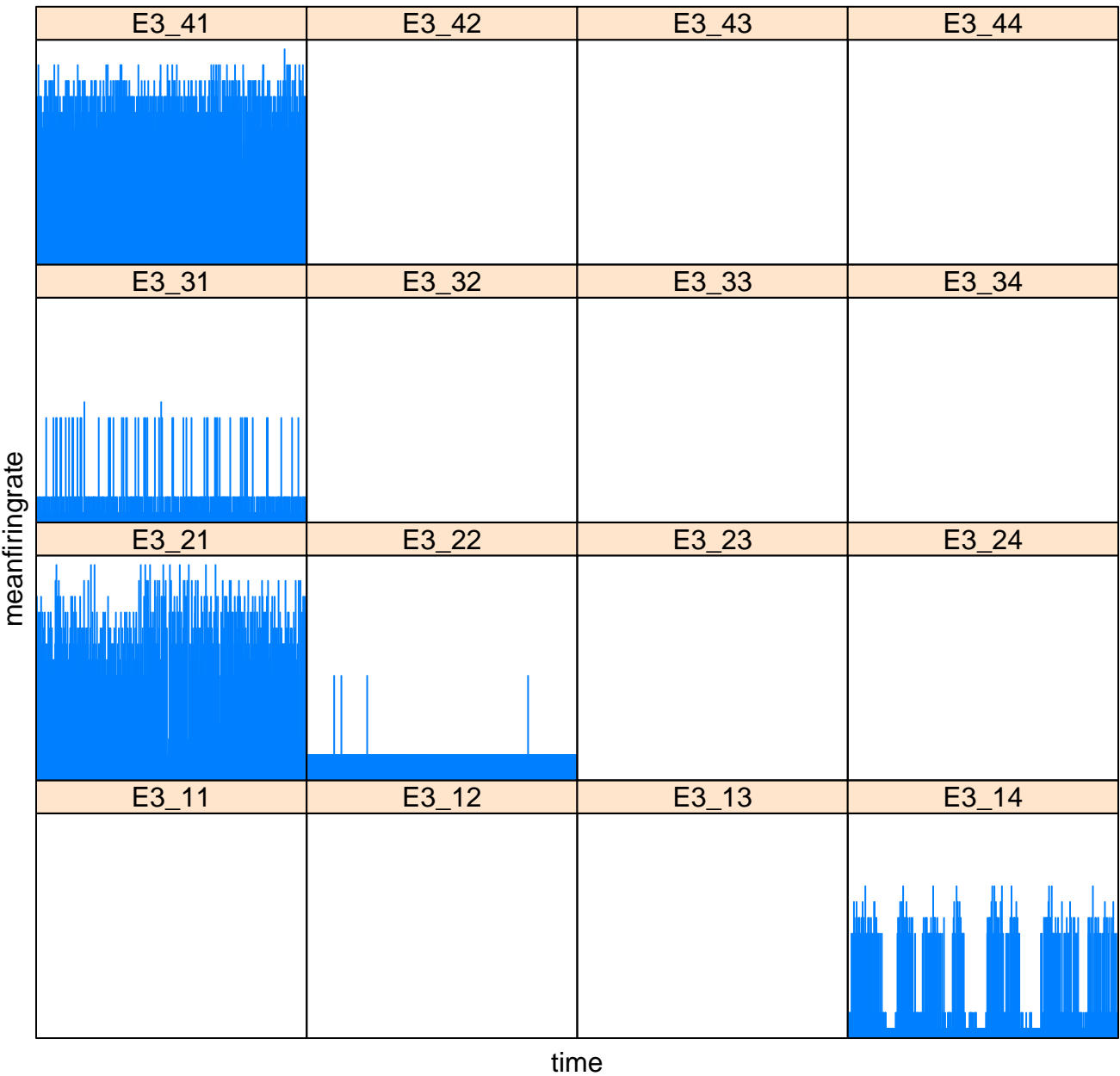
# Mean Firing Rate per Second for Well E2. Maximum firing rate:9 Hz

meanfiringrate



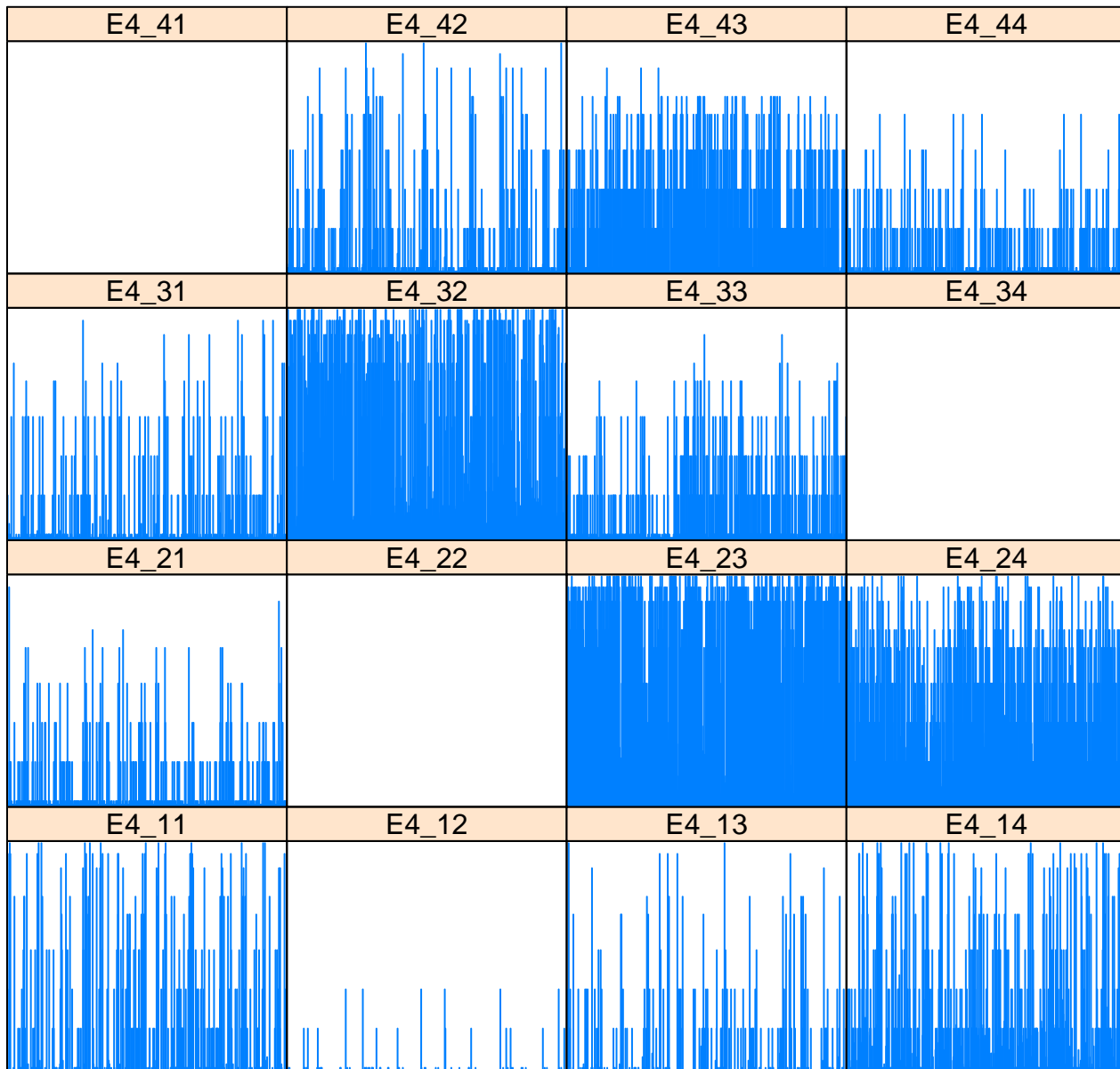
time

**Mean Firing Rate per Second for Well E3. Maximum firing rate:9 Hz**



**Mean Firing Rate per Second for Well E4. Maximum firing rate:9 Hz**

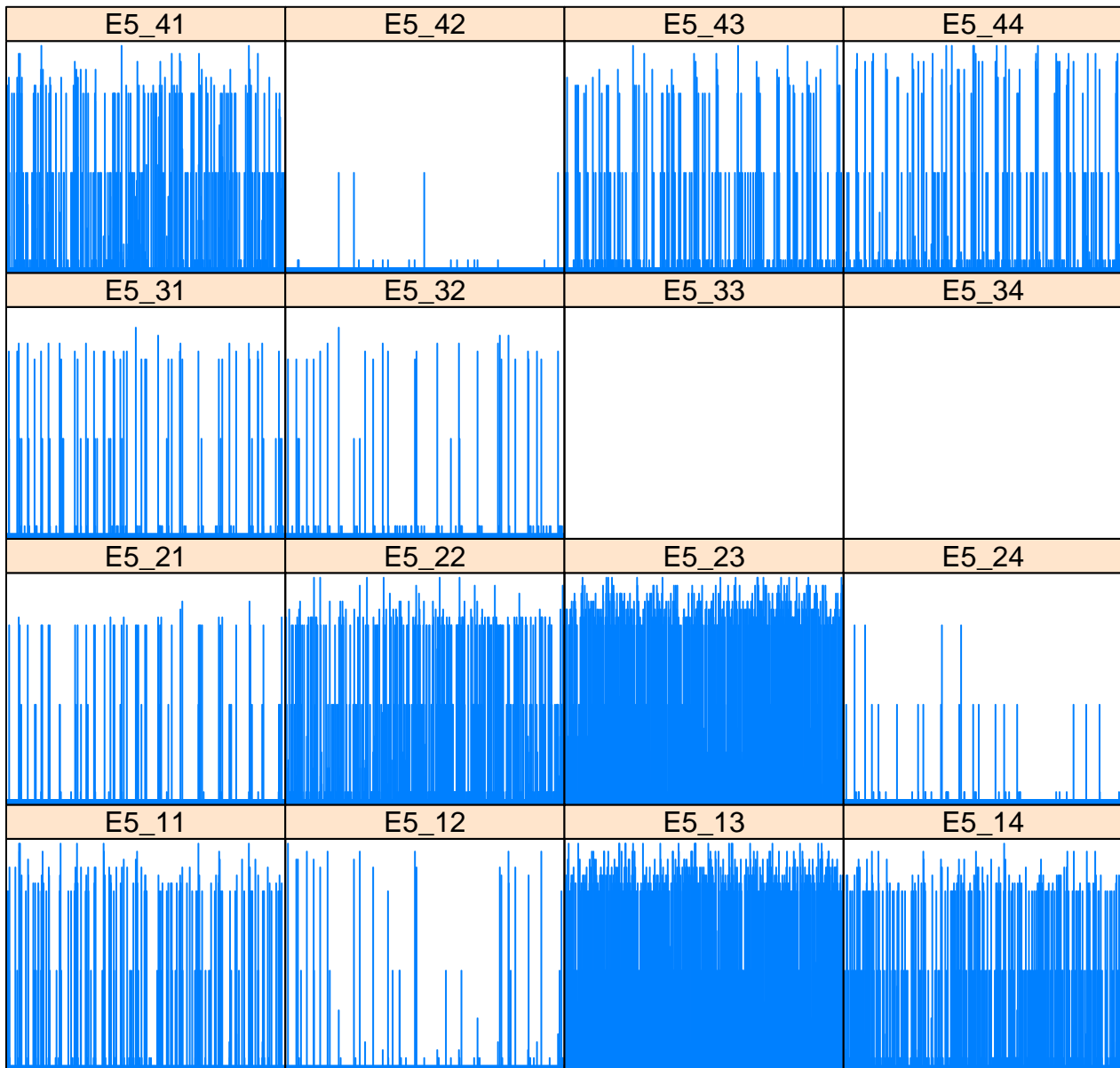
meanfiringrate



time

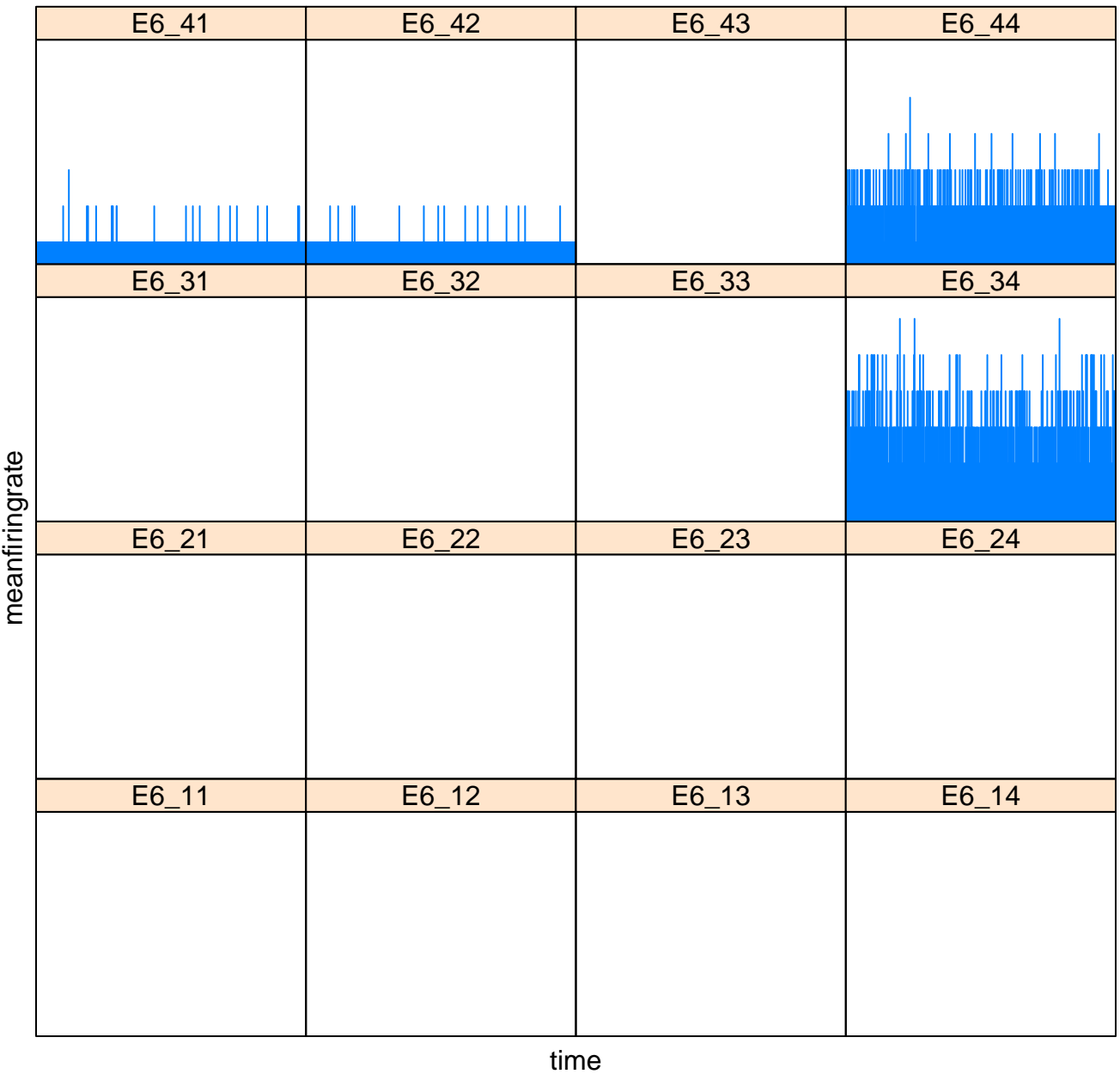
**Mean Firing Rate per Second for Well E5. Maximum firing rate:9 Hz**

meanfiringrate



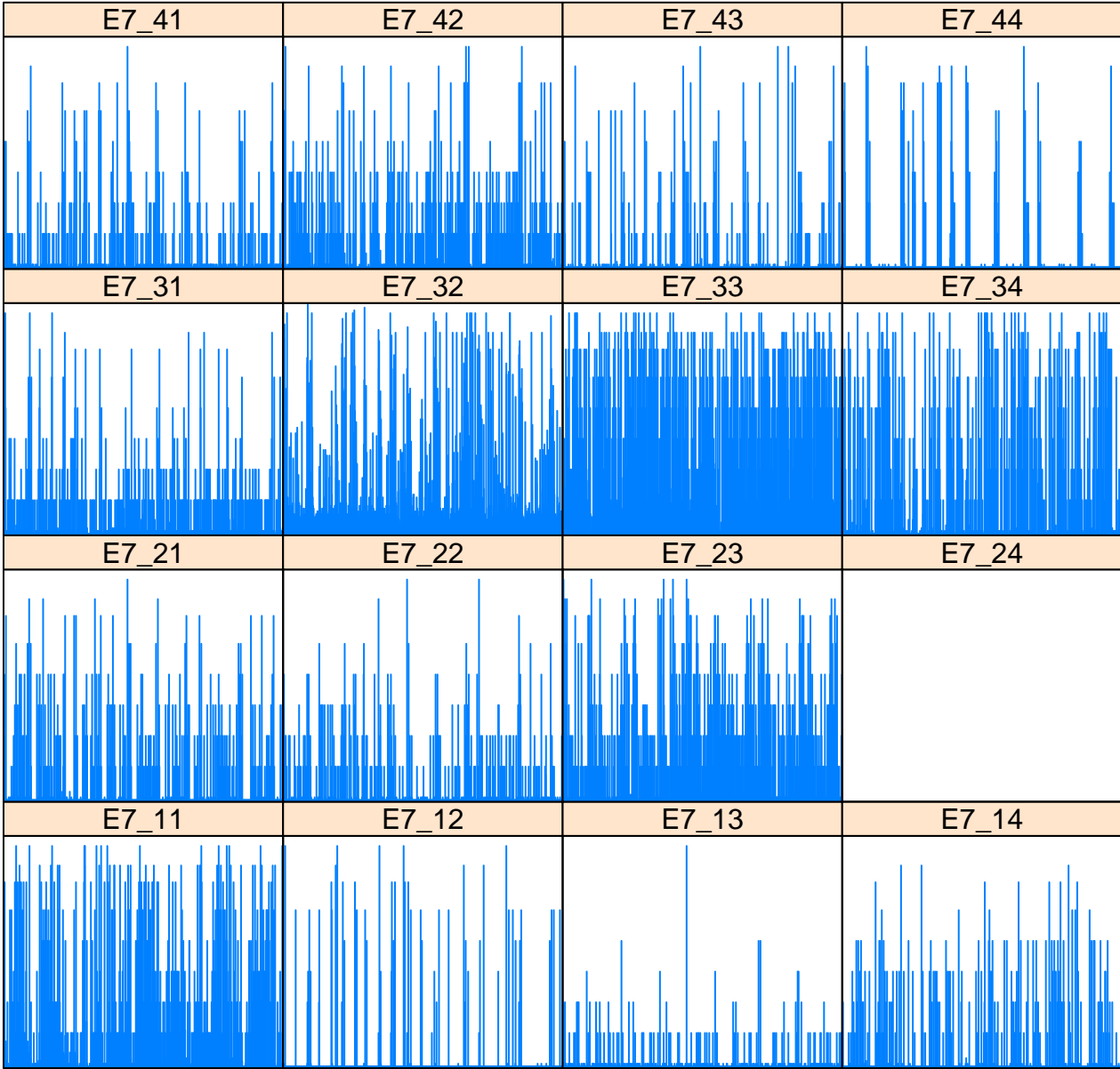
time

**Mean Firing Rate per Second for Well E6. Maximum firing rate:5 Hz**



**Mean Firing Rate per Second for Well E7. Maximum firing rate:99 Hz**

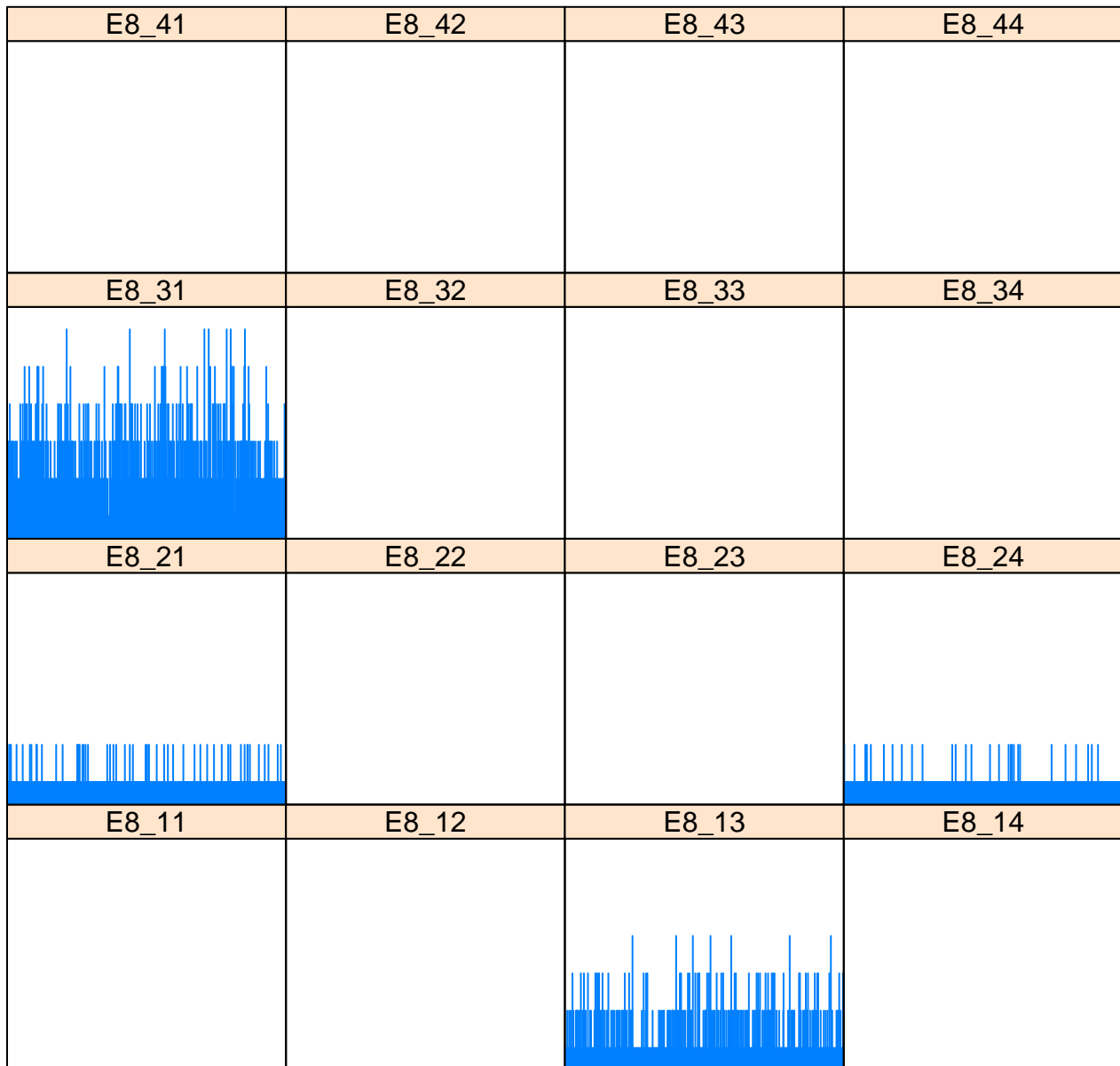
meanfiringrate



time

# Mean Firing Rate per Second for Well E8. Maximum firing rate:5 Hz

meanfiringrate

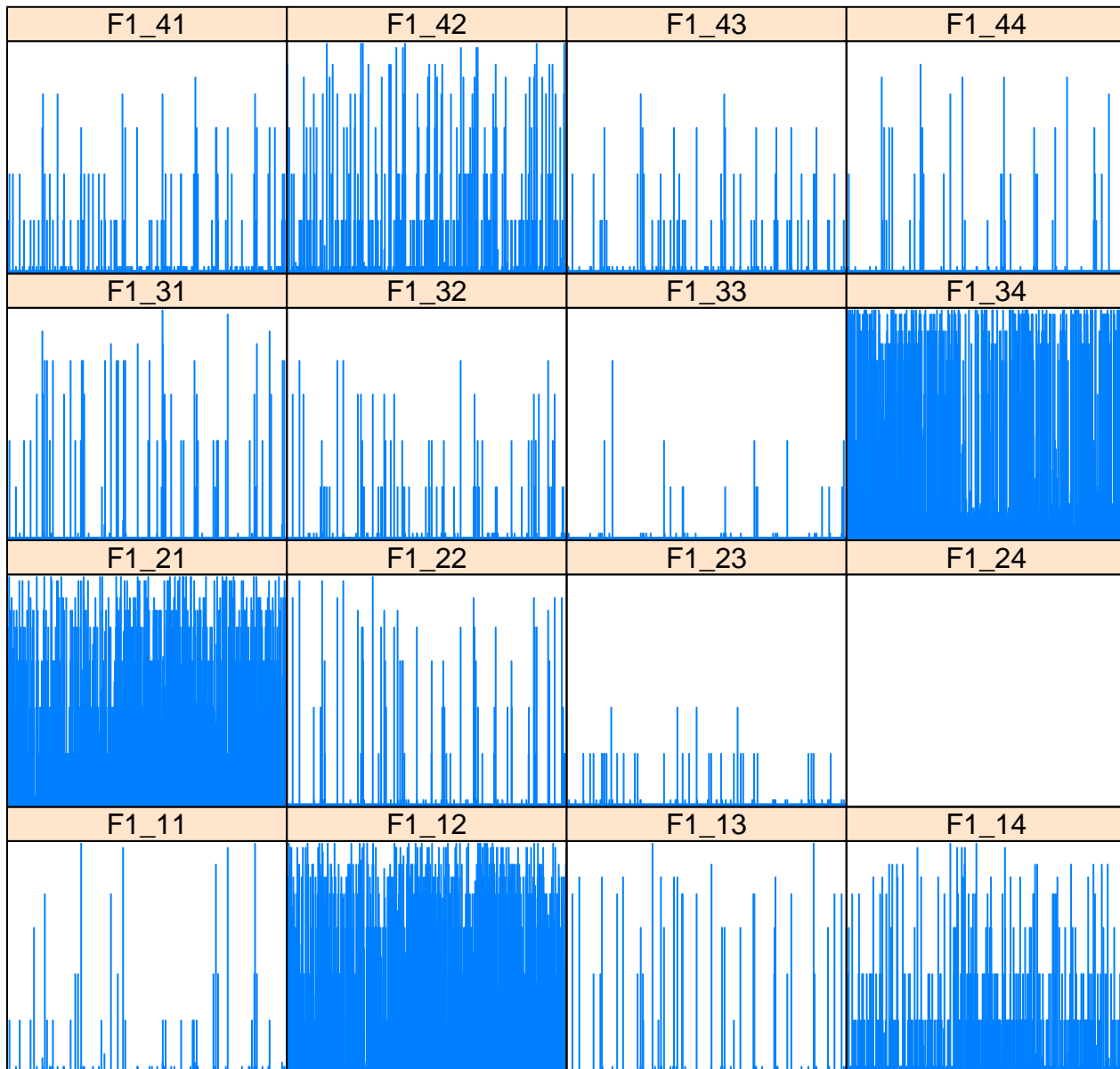


time



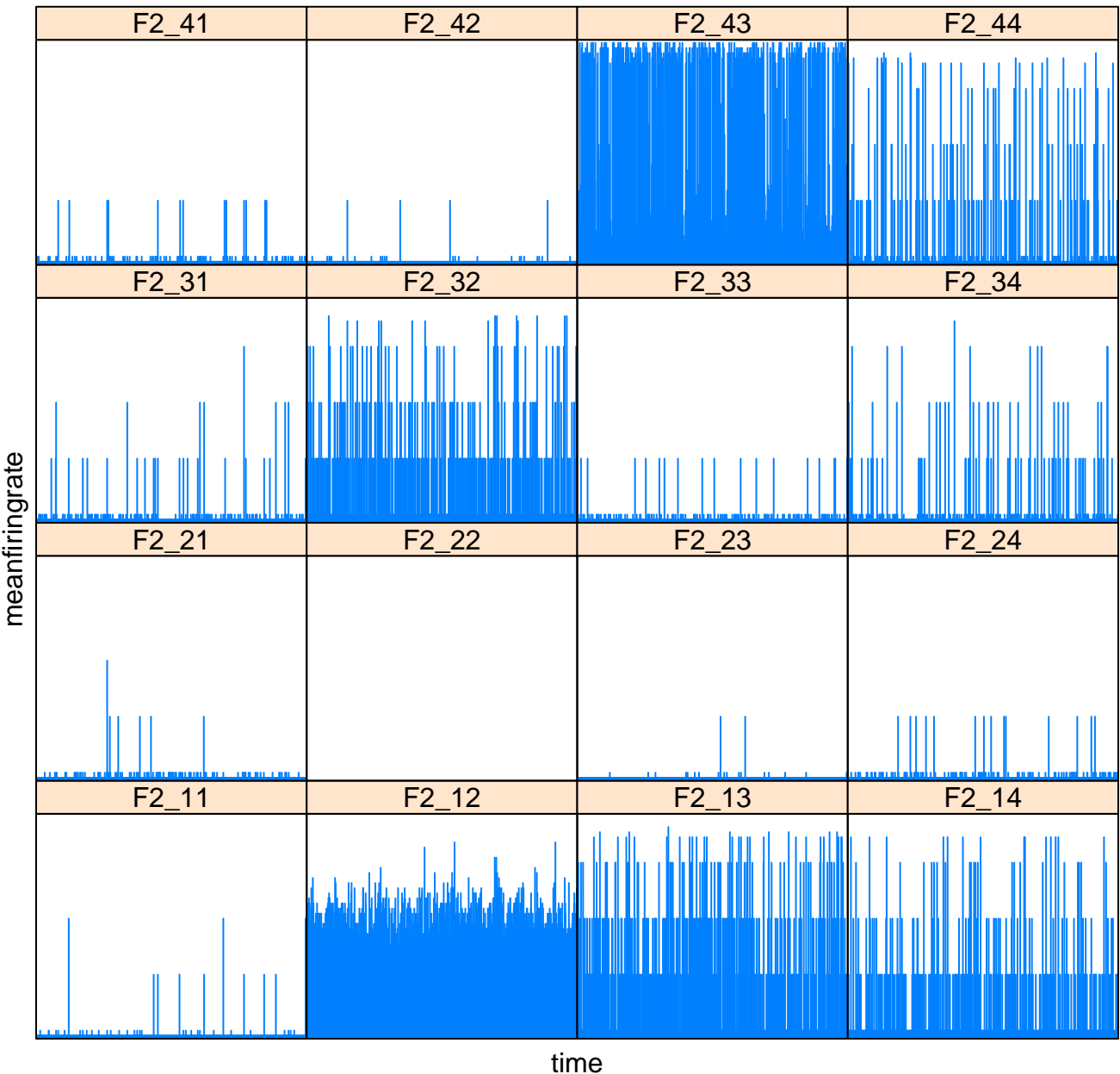
**Mean Firing Rate per Second for Well F1. Maximum firing rate:9 Hz**

meanfiringrate



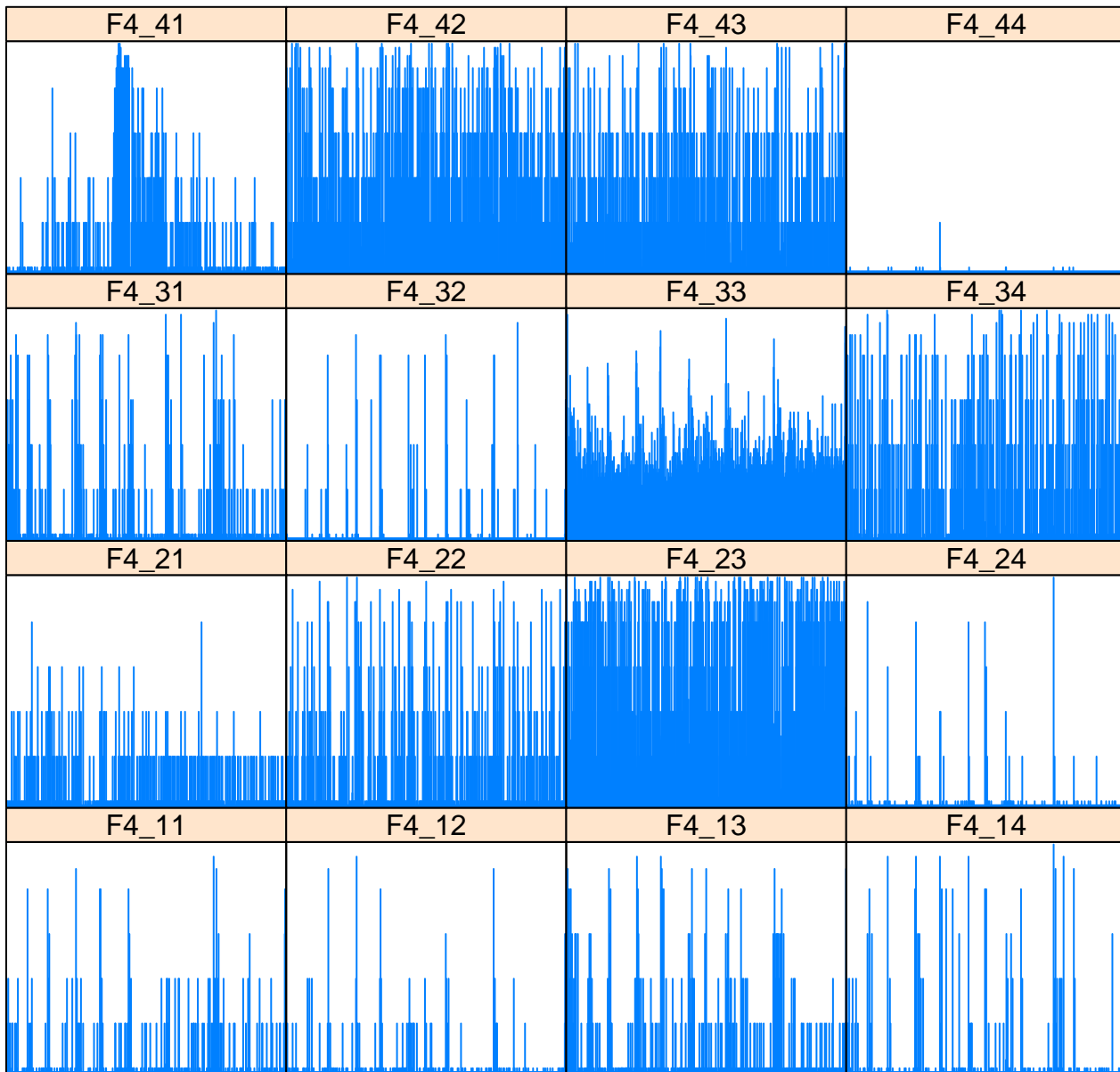
time

**Mean Firing Rate per Second for Well F2. Maximum firing rate:9 Hz**



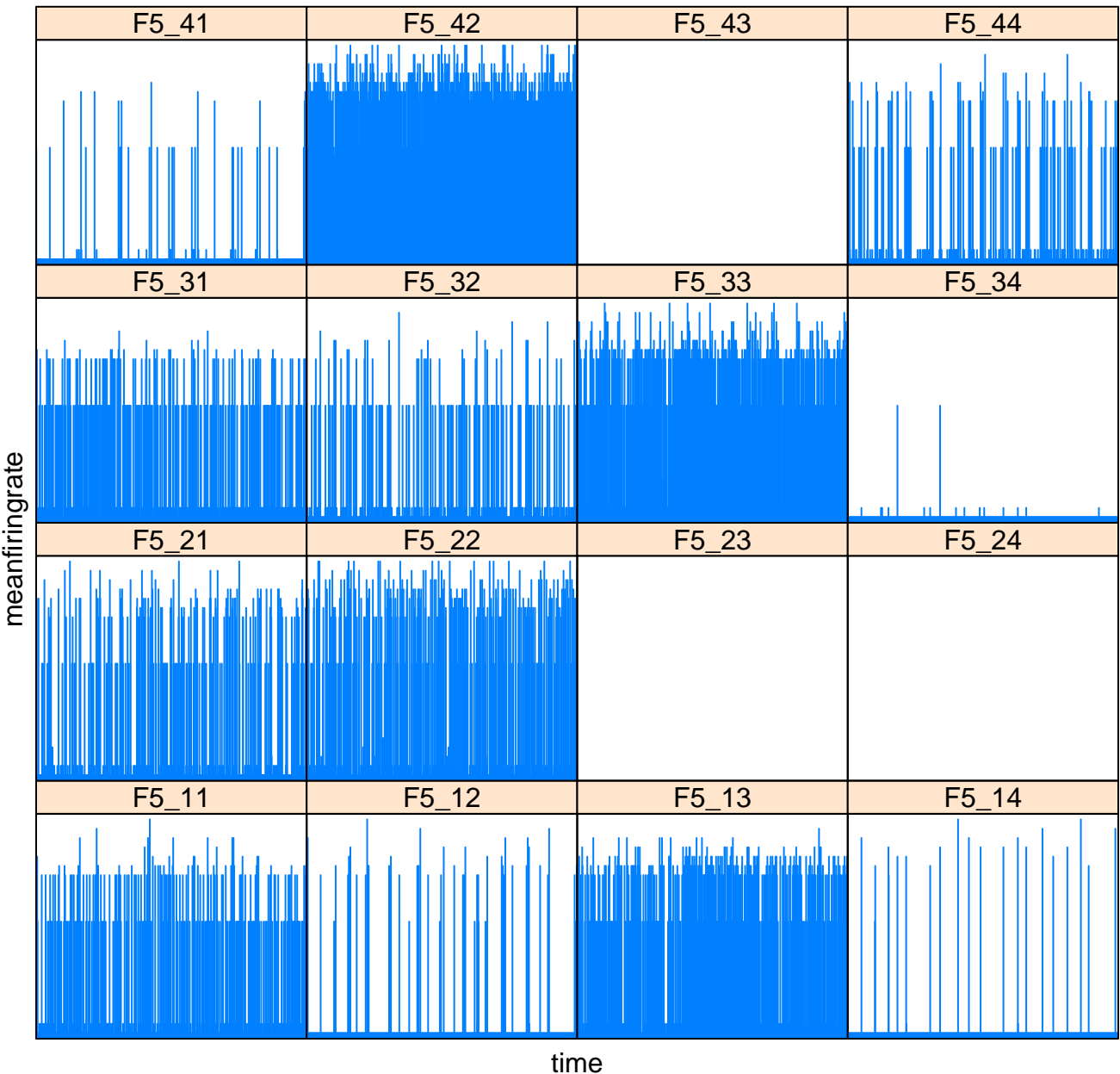
# Mean Firing Rate per Second for Well F4. Maximum firing rate:9 Hz

meanfiringrate



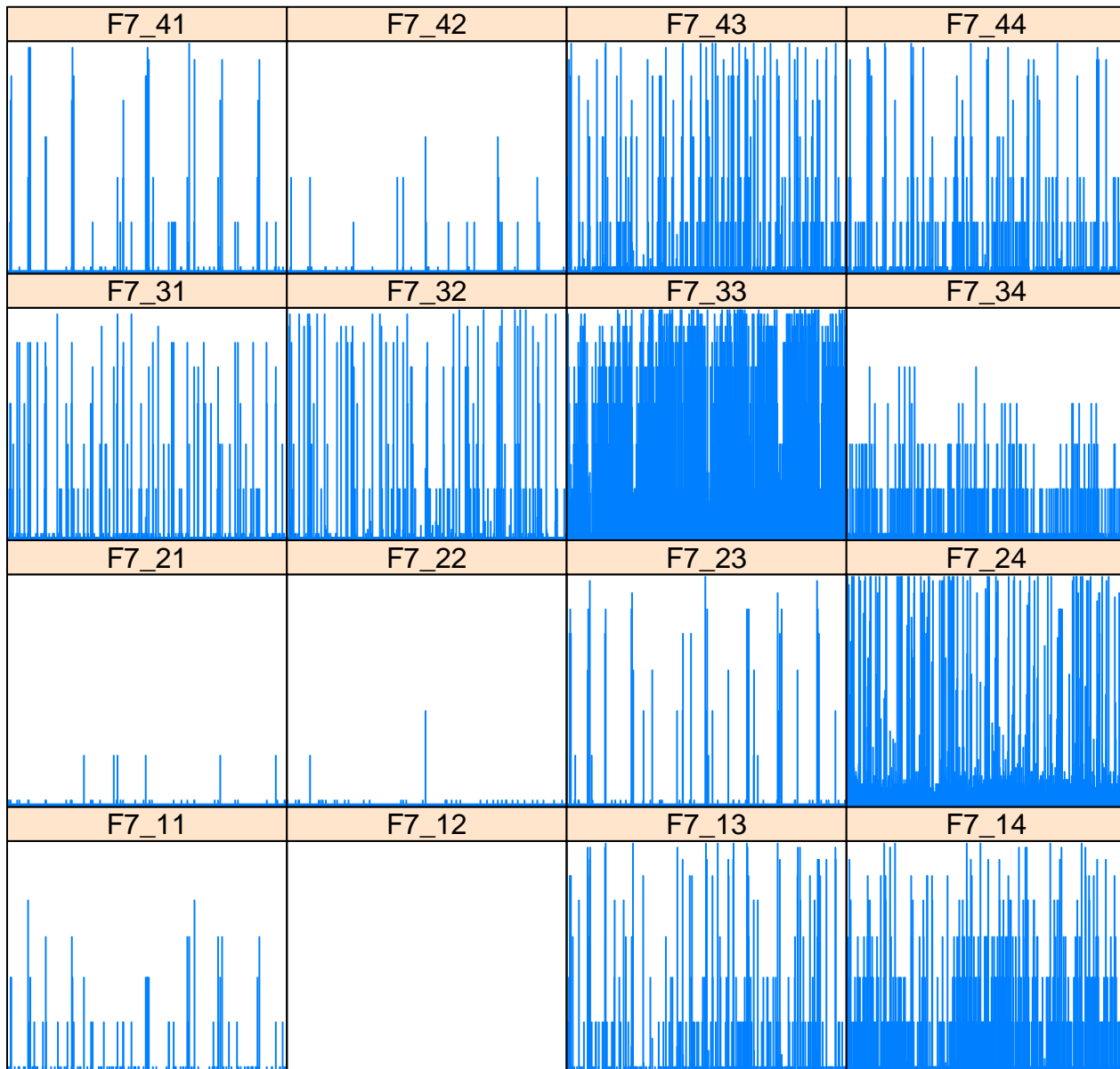
time

**Mean Firing Rate per Second for Well F5. Maximum firing rate:9 Hz**



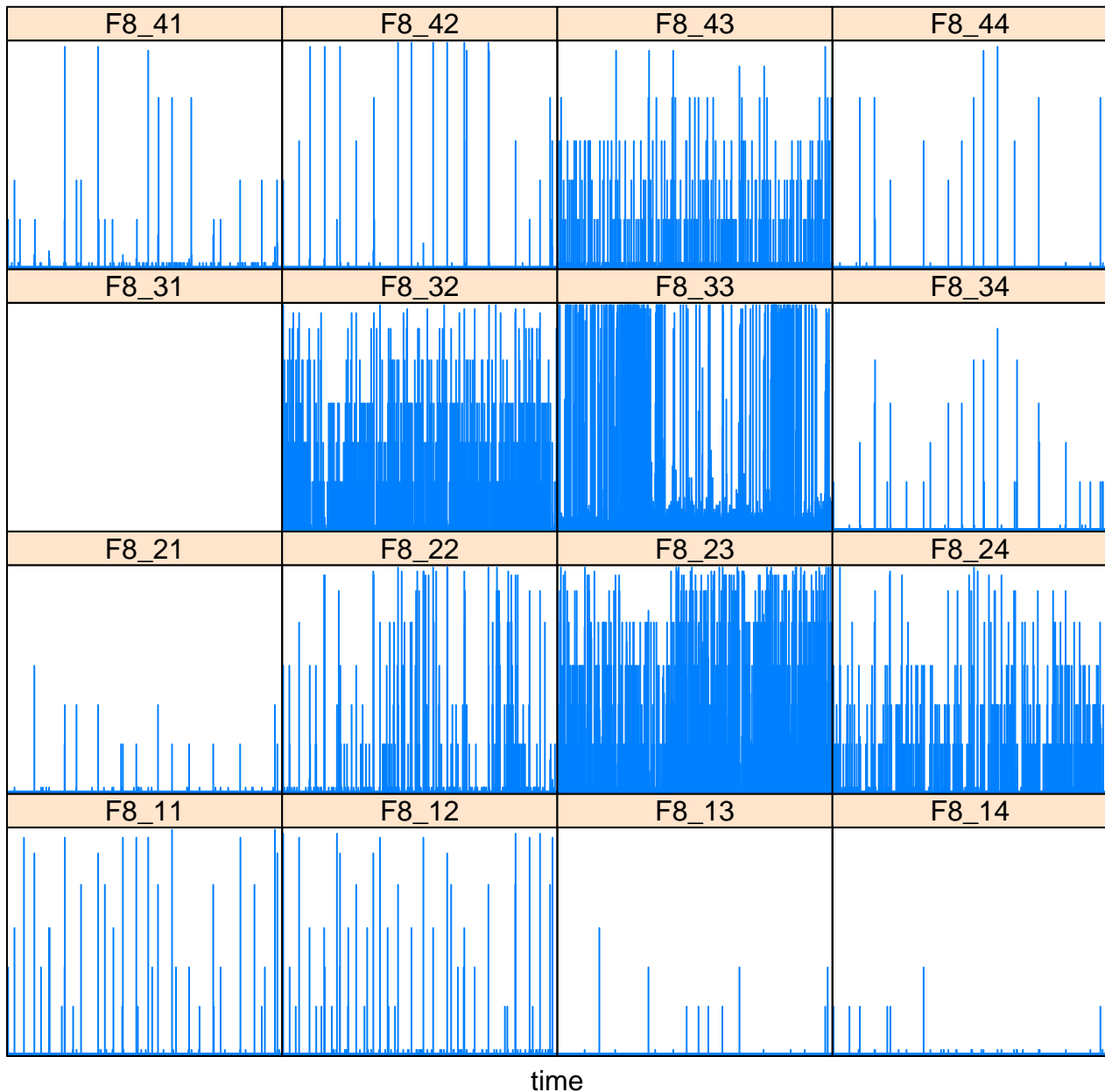
**Mean Firing Rate per Second for Well F7. Maximum firing rate:9 Hz**

meanfiringrate

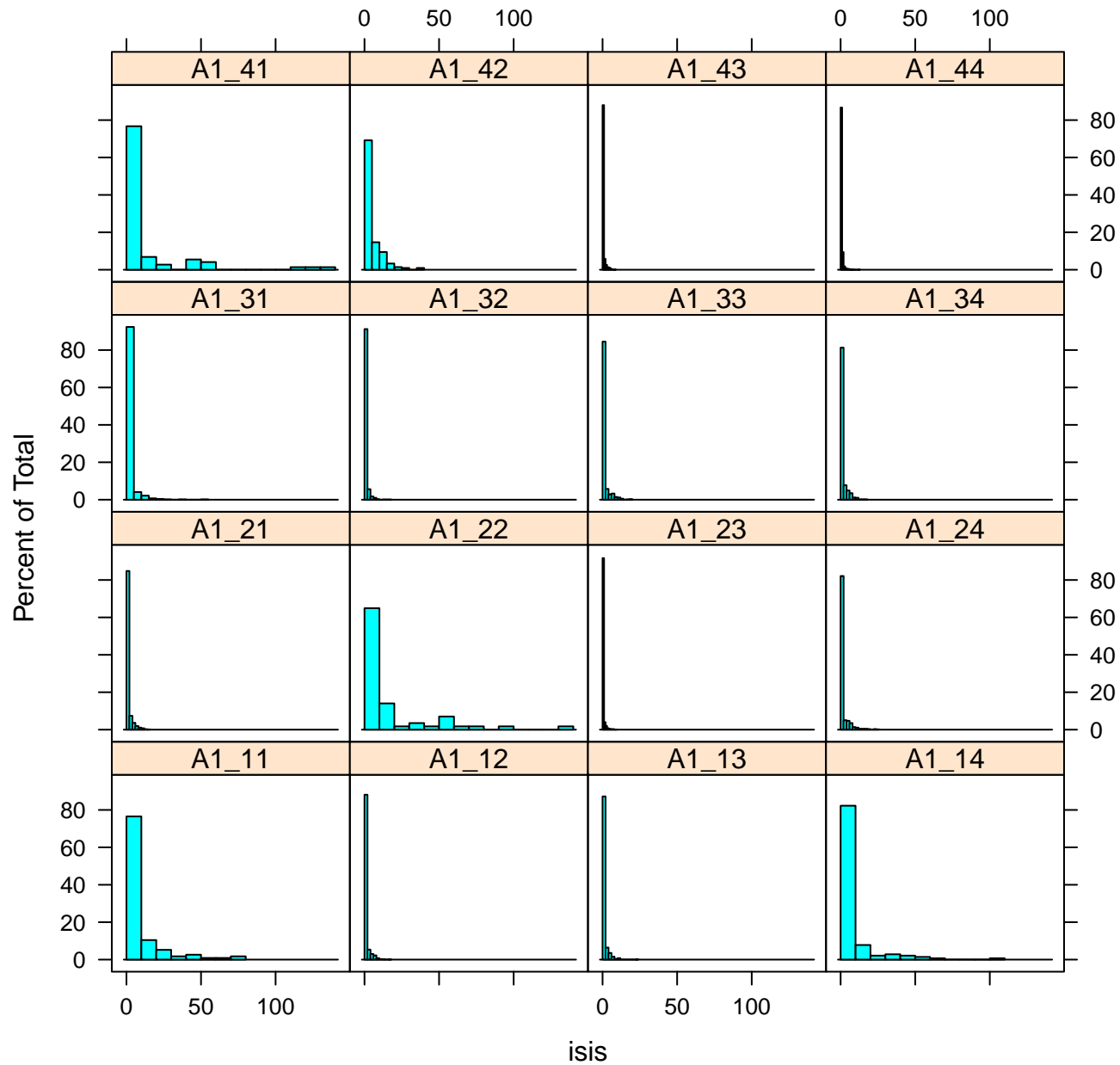


time

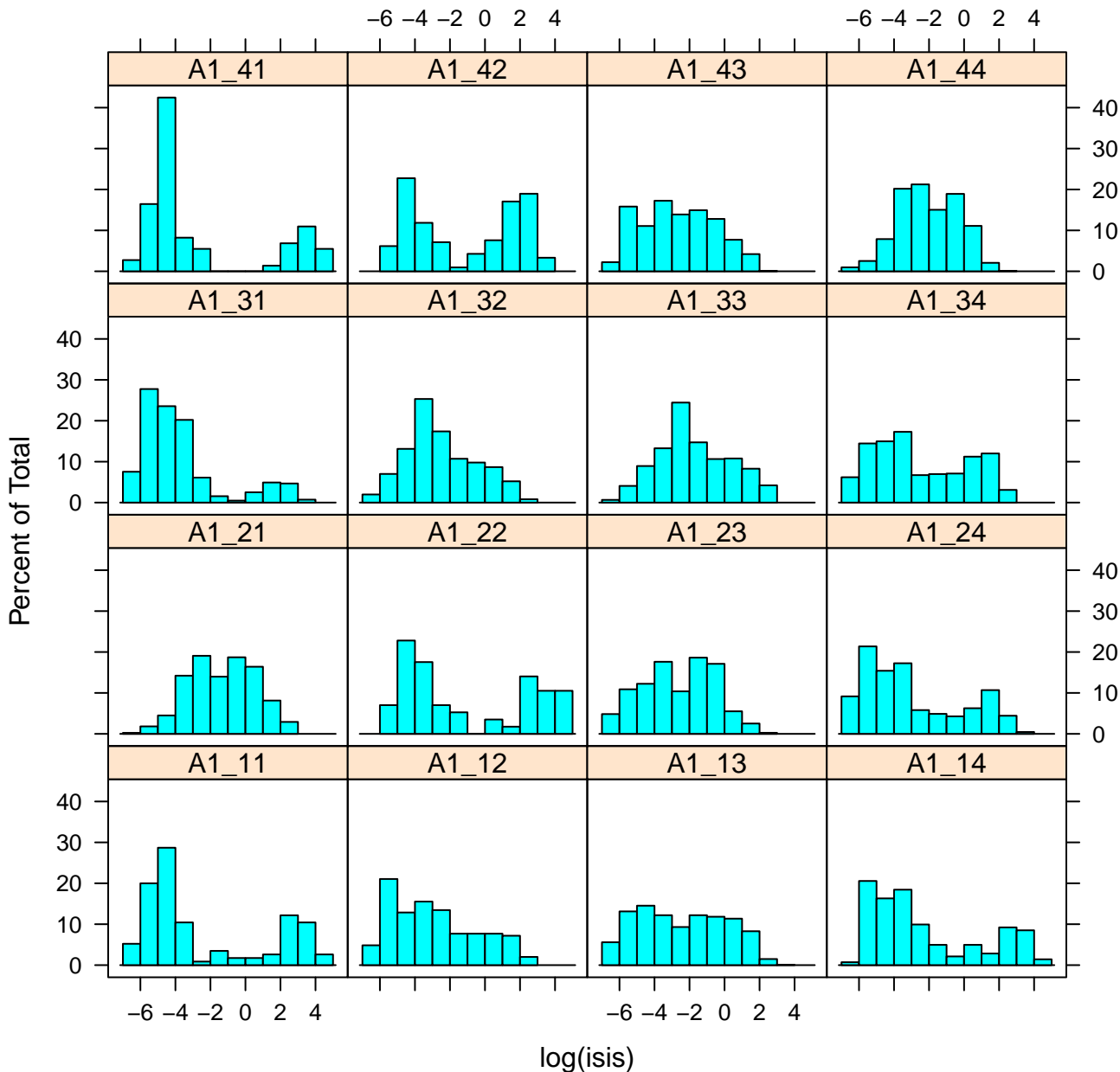
# Mean Firing Rate per Second for Well F8. Maximum firing rate:9 Hz



### ISIs histogram plot for A1

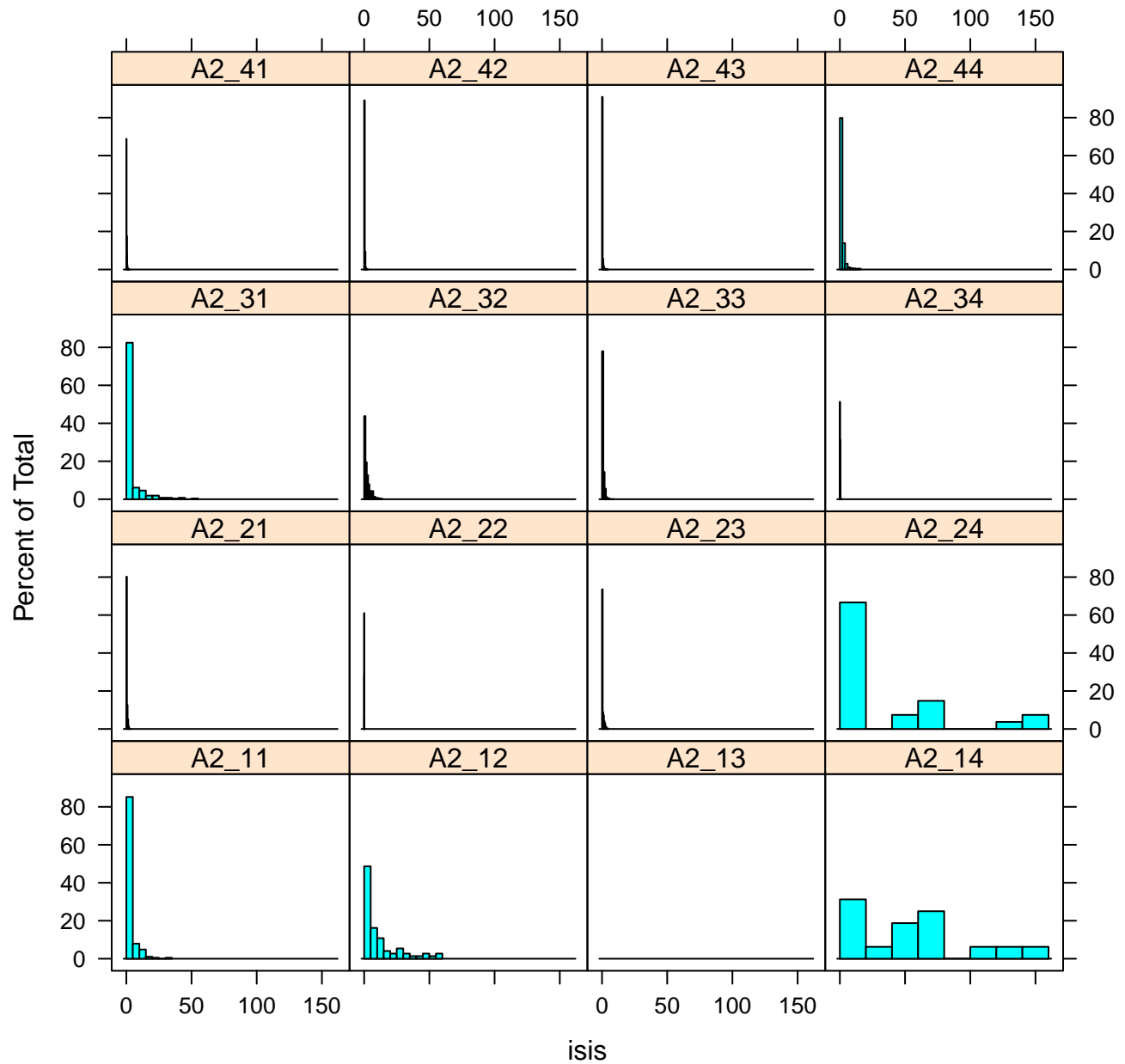


# log(ISIs) histogram plot for A1

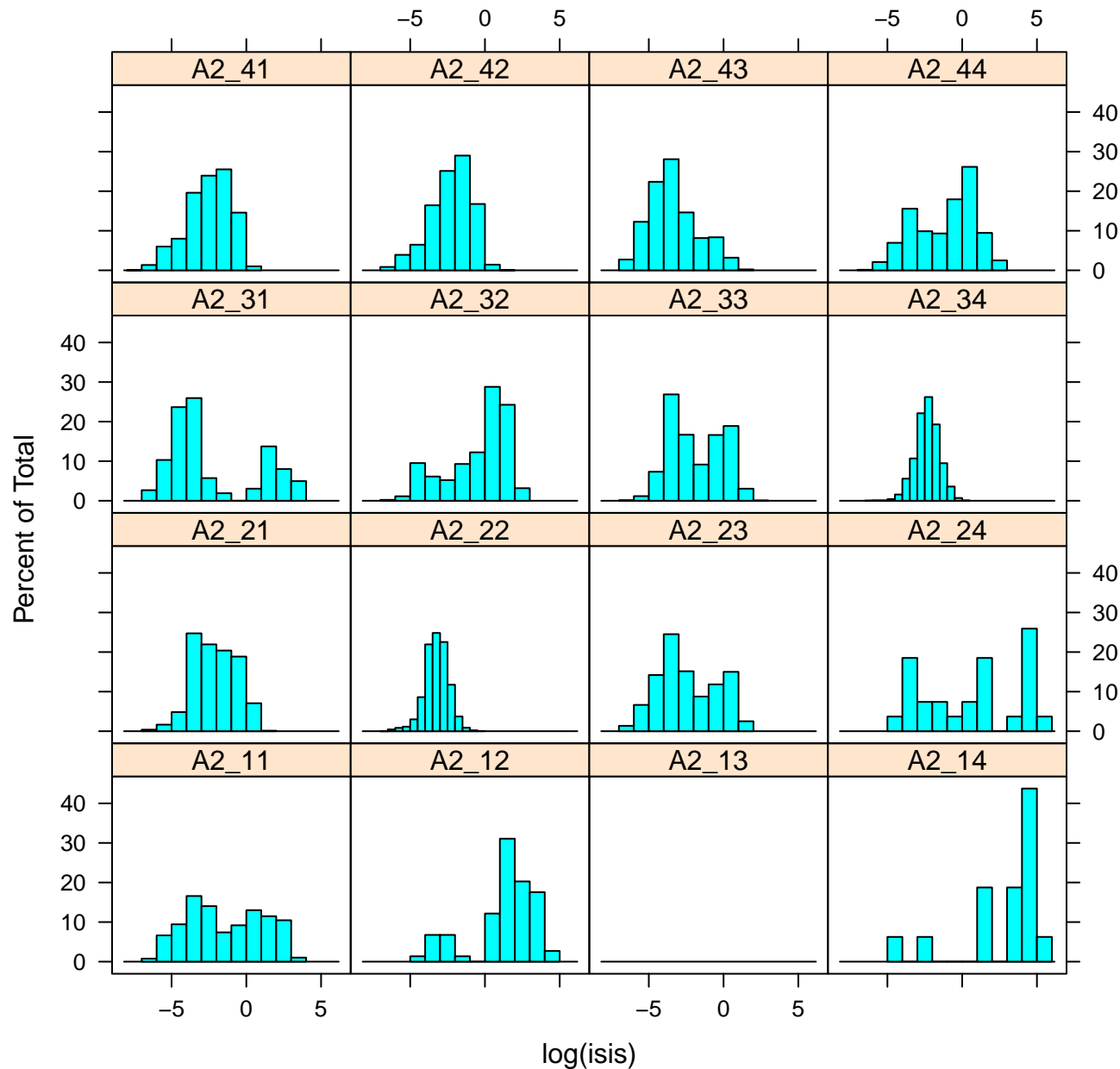




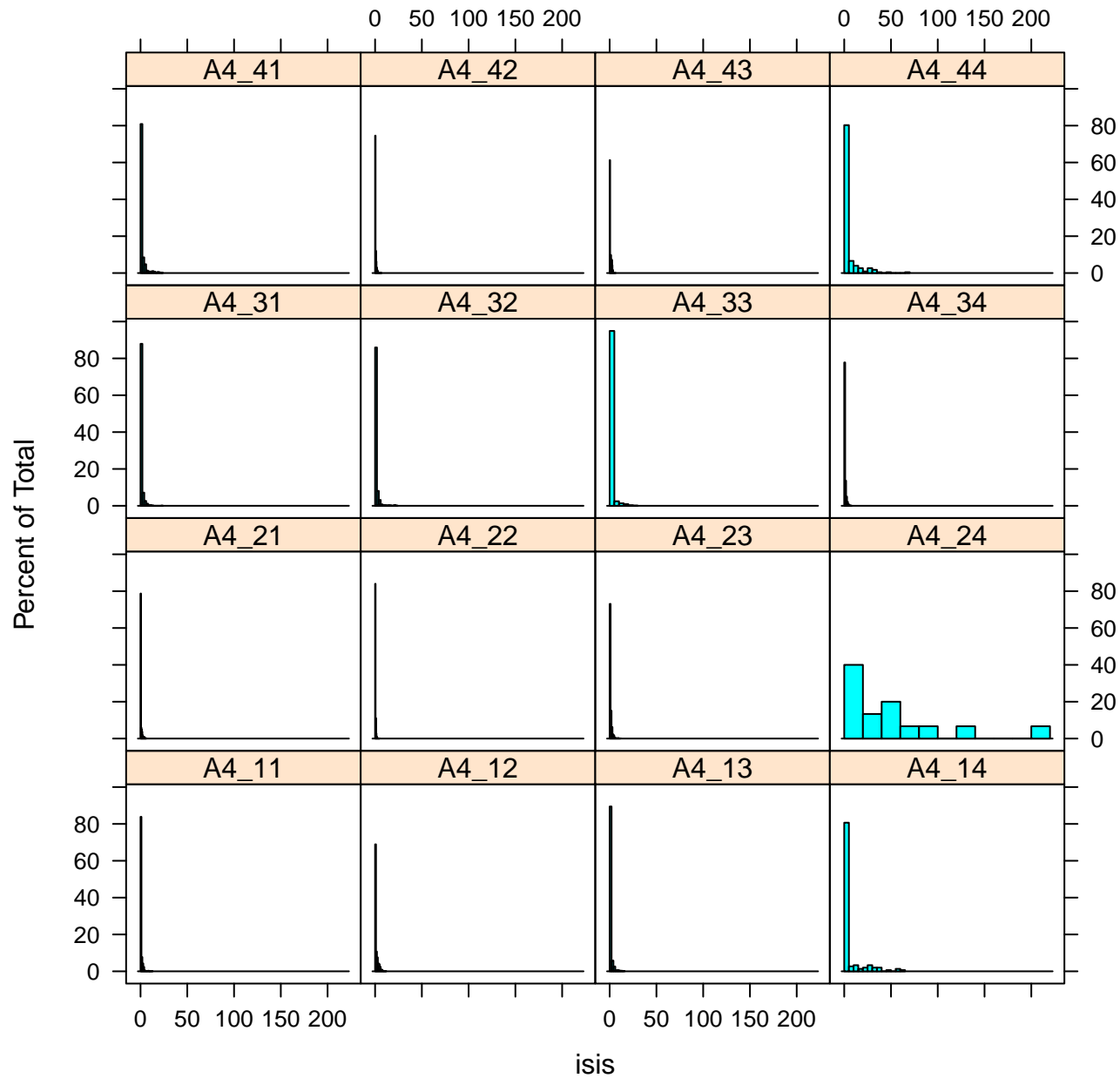
# ISIs histogram plot for A2



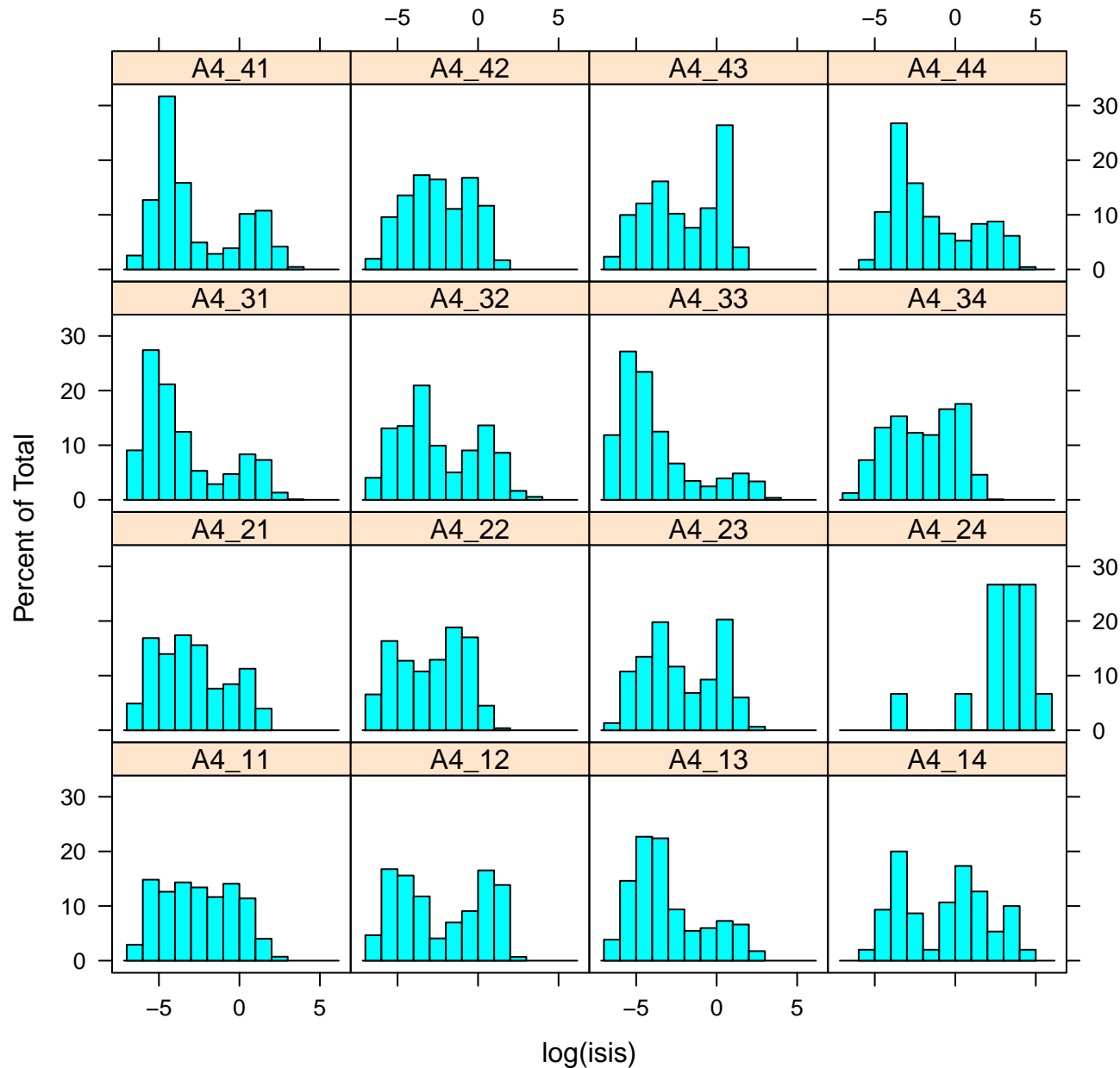
# log(ISIs) histogram plot for A2



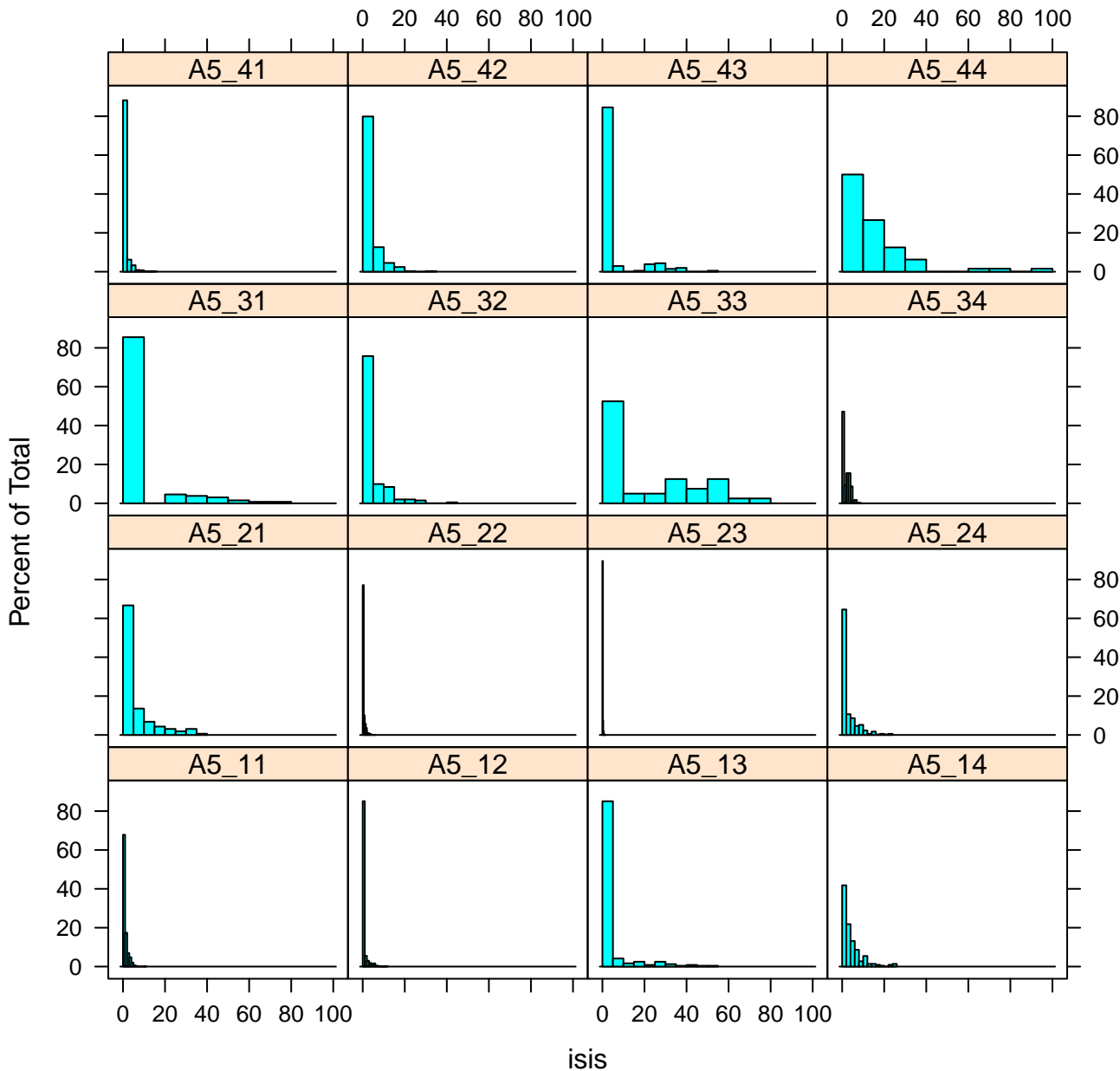
# ISIs histogram plot for A4



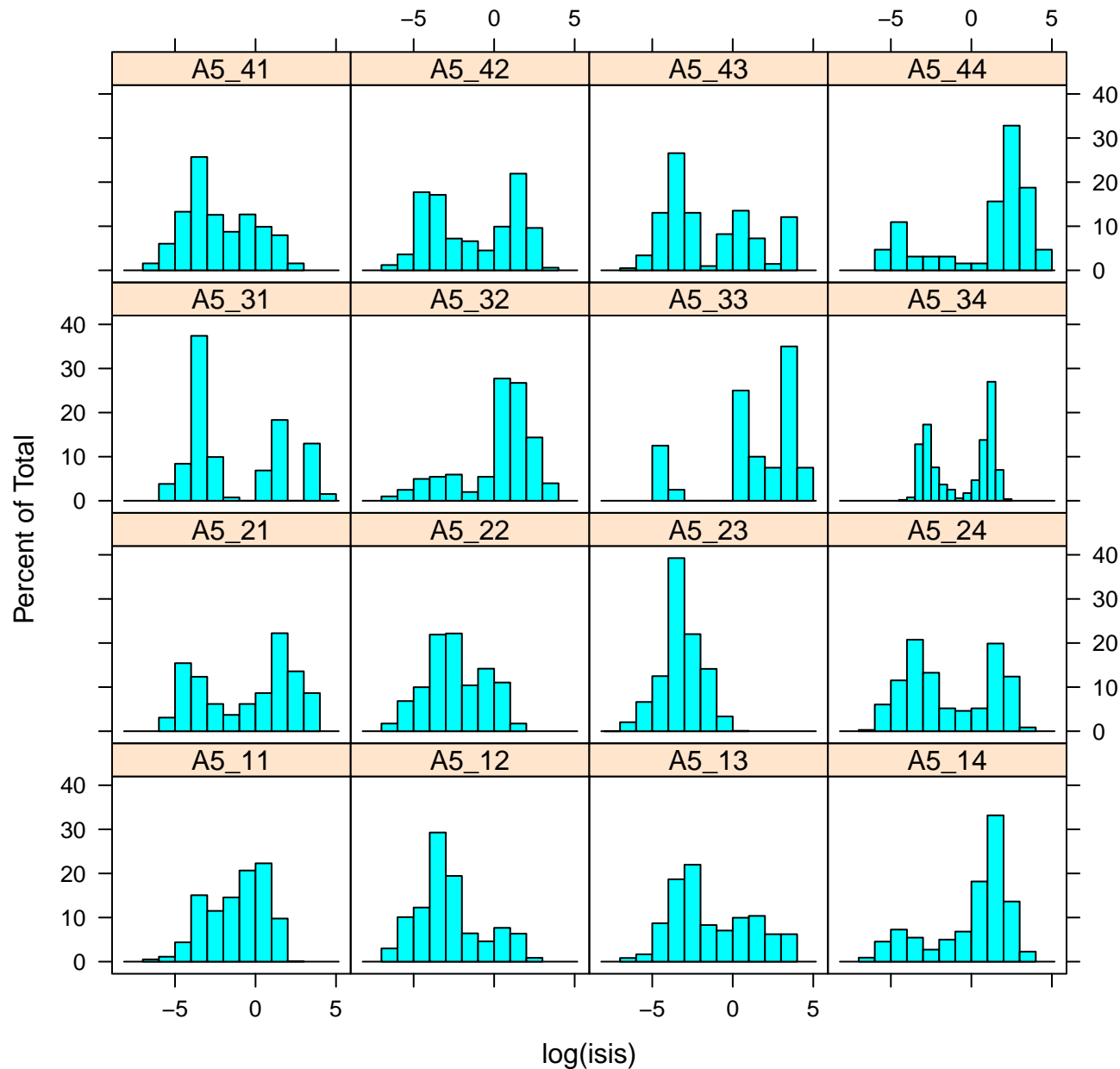
# log(ISIs) histogram plot for A4



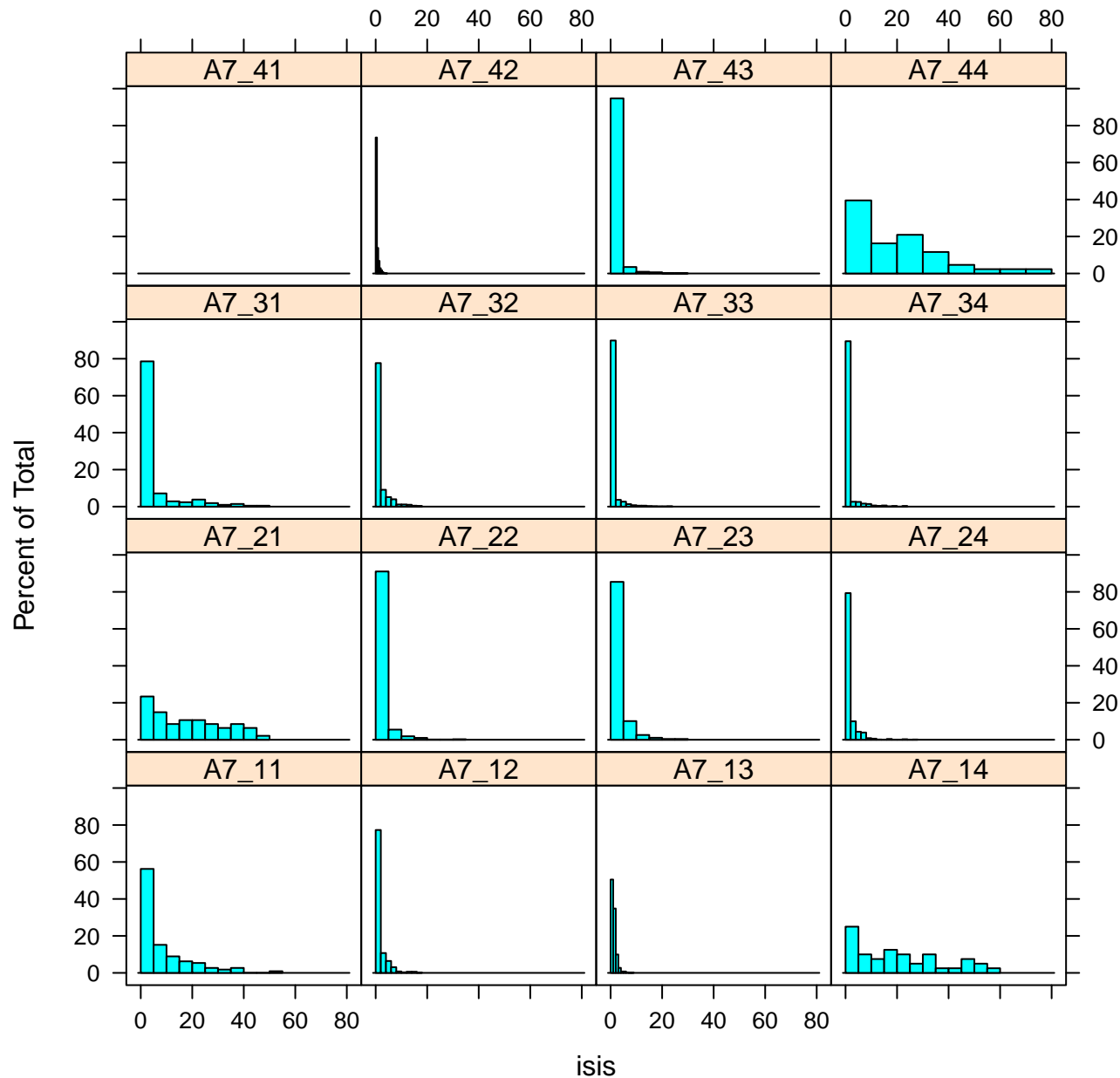
# ISIs histogram plot for A5



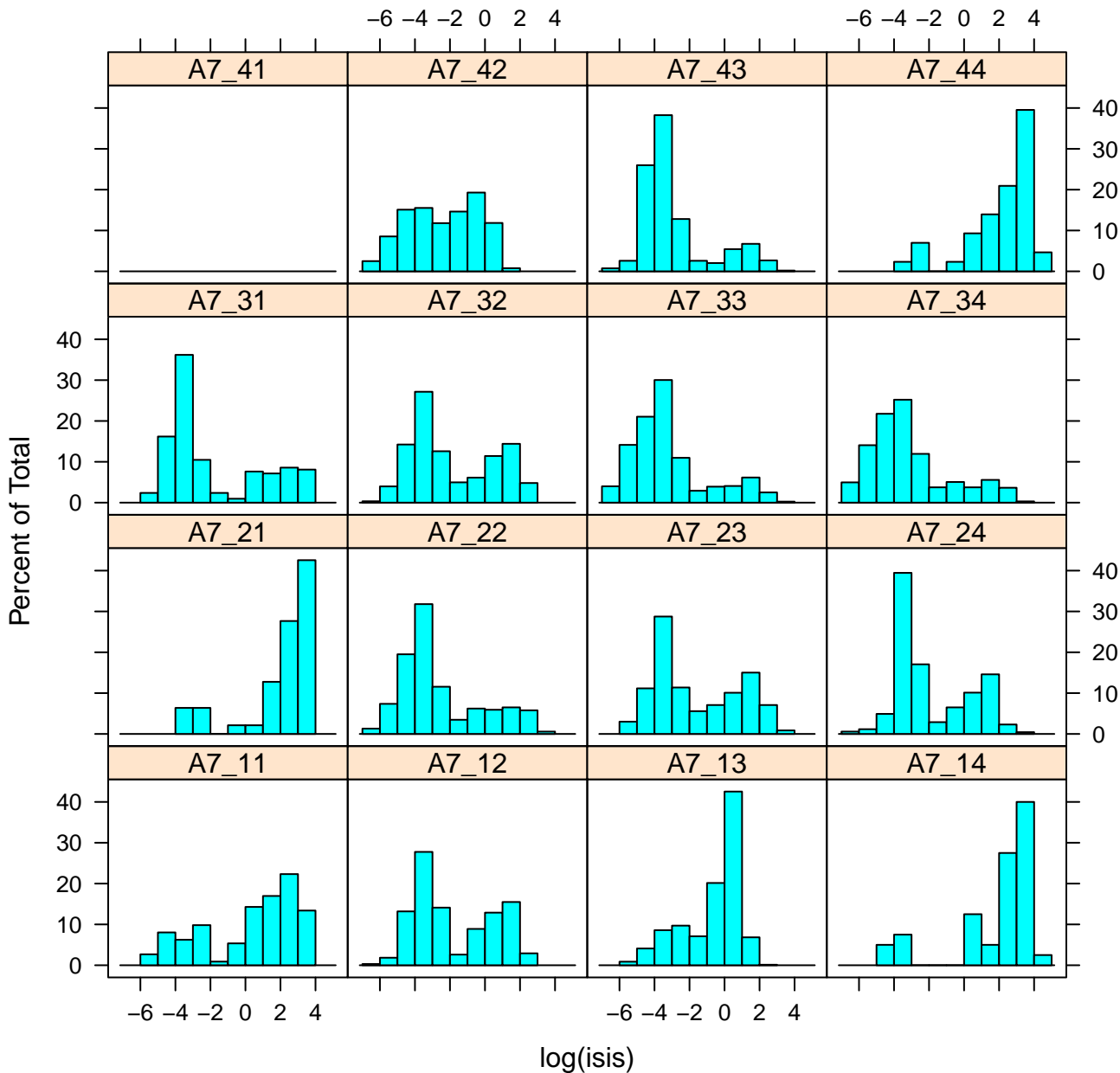
# log(ISIs) histogram plot for A5



# ISIs histogram plot for A7

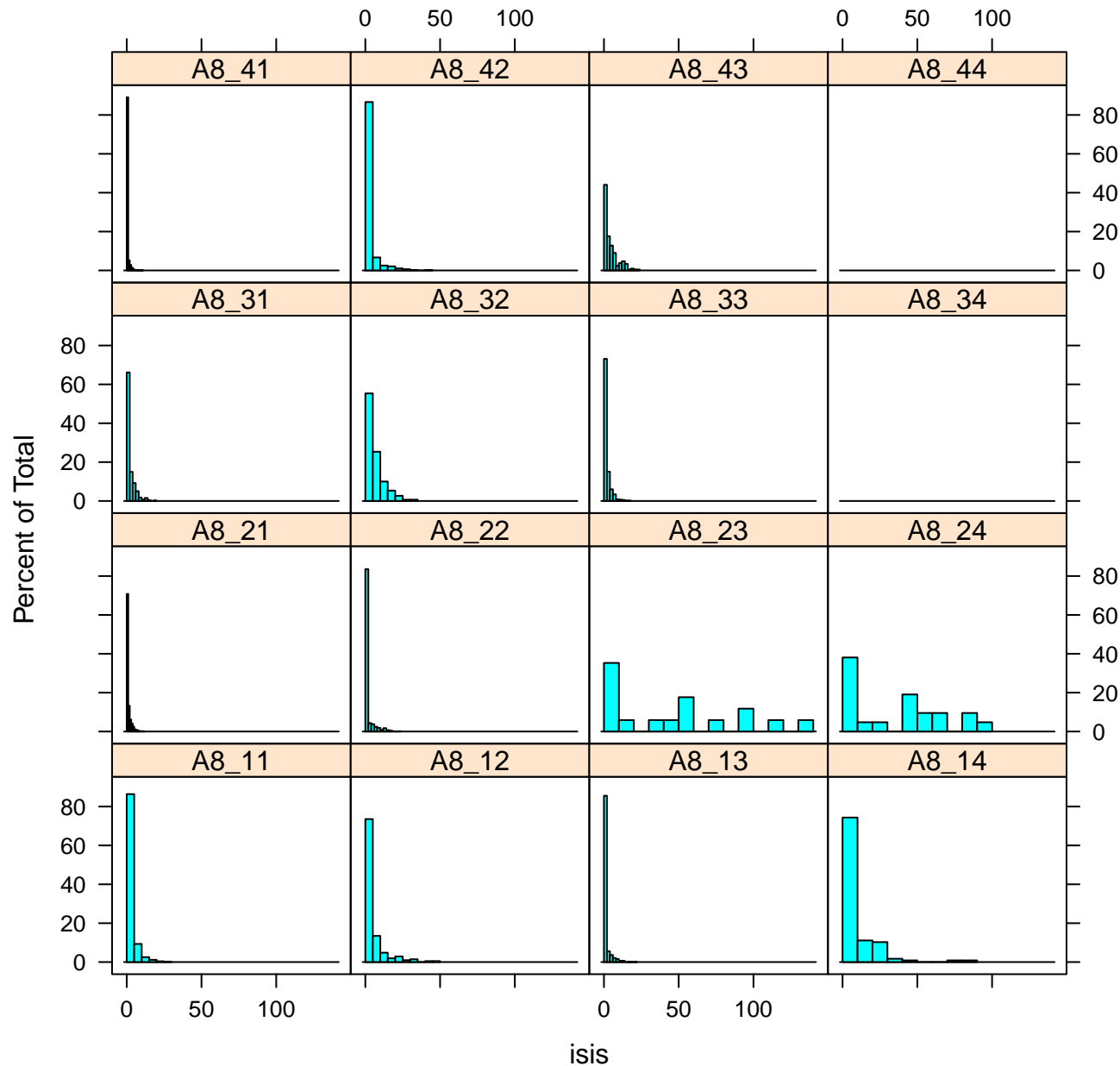


# log(ISIs) histogram plot for A7

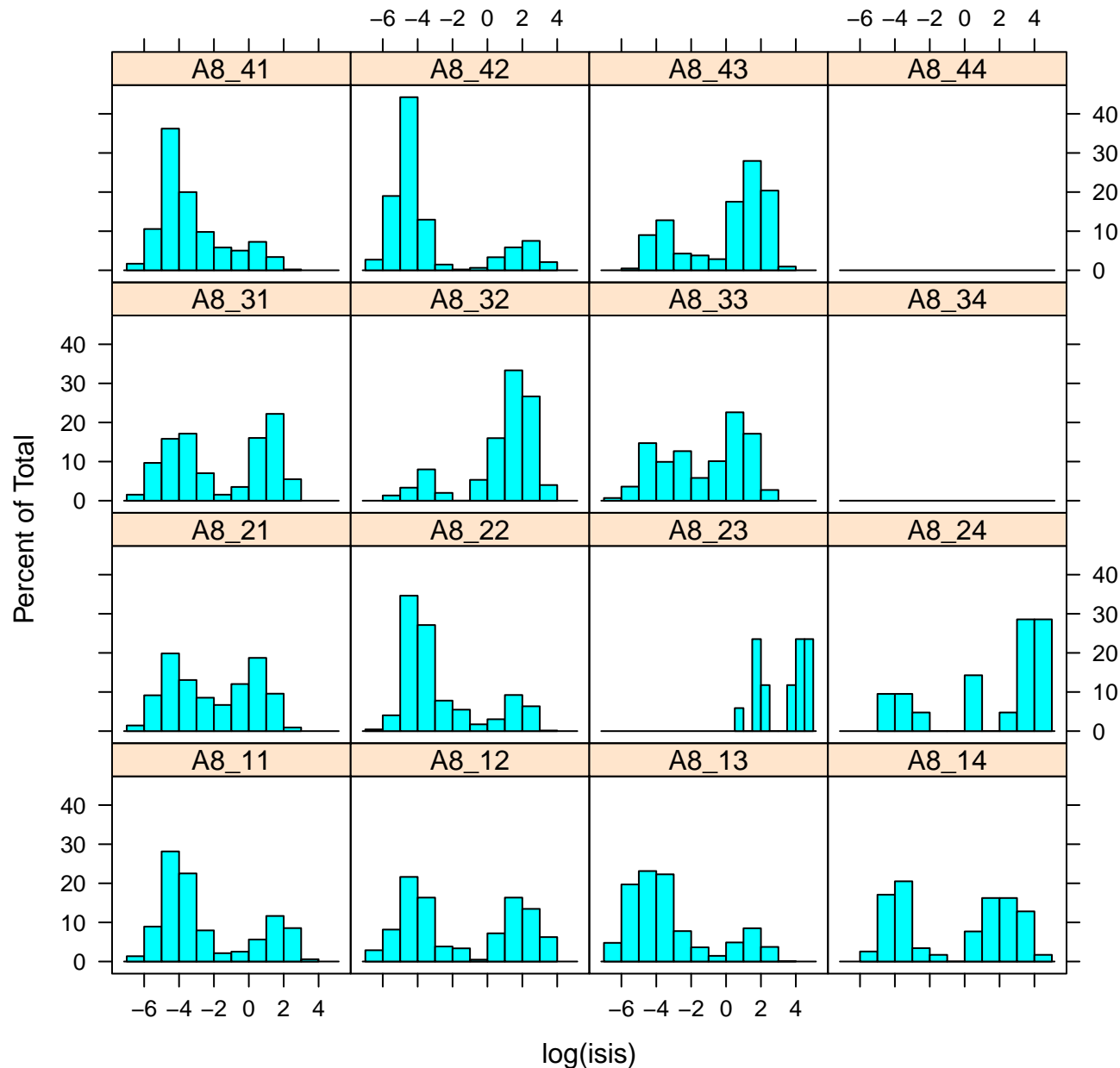




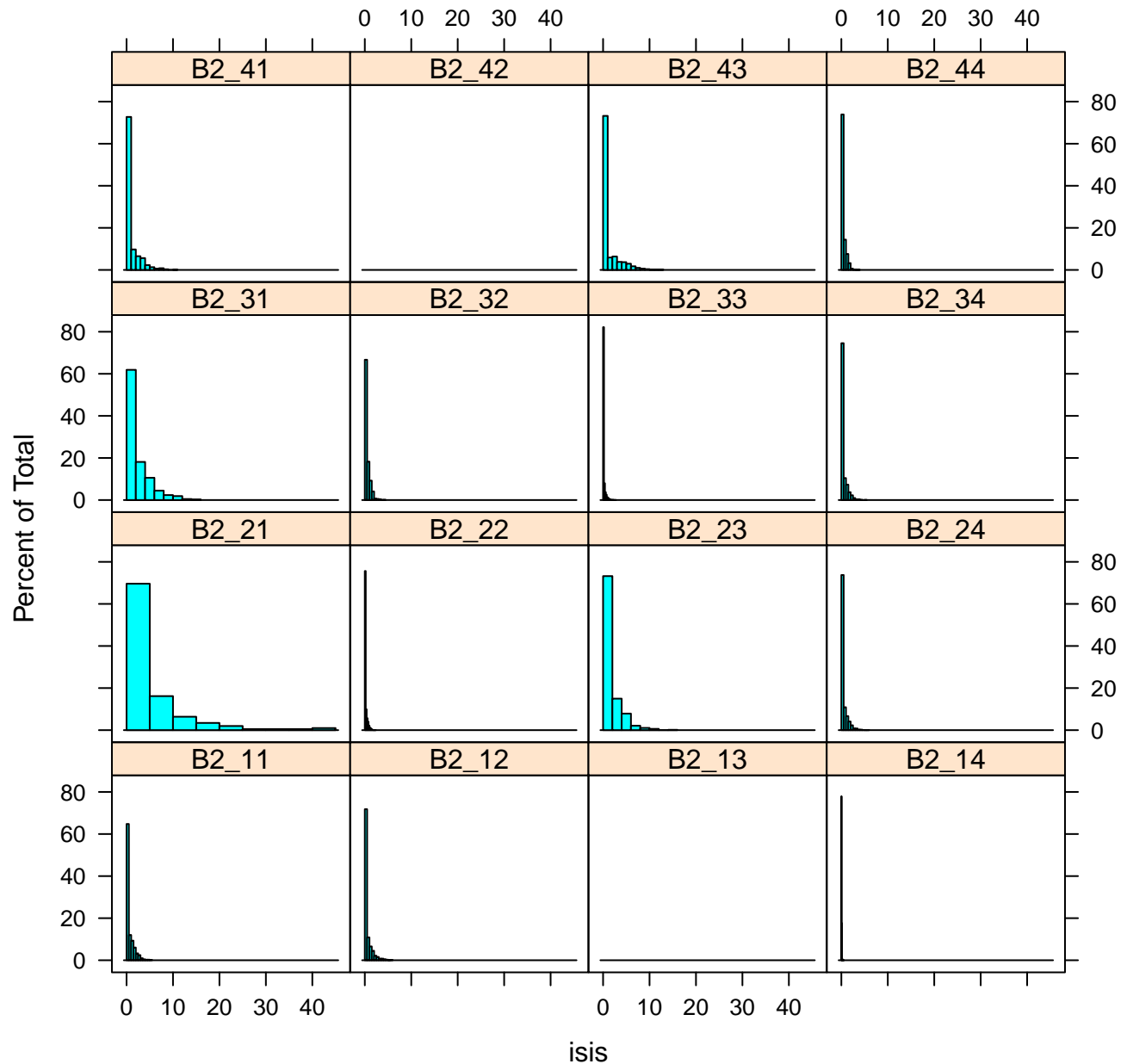
# ISIs histogram plot for A8



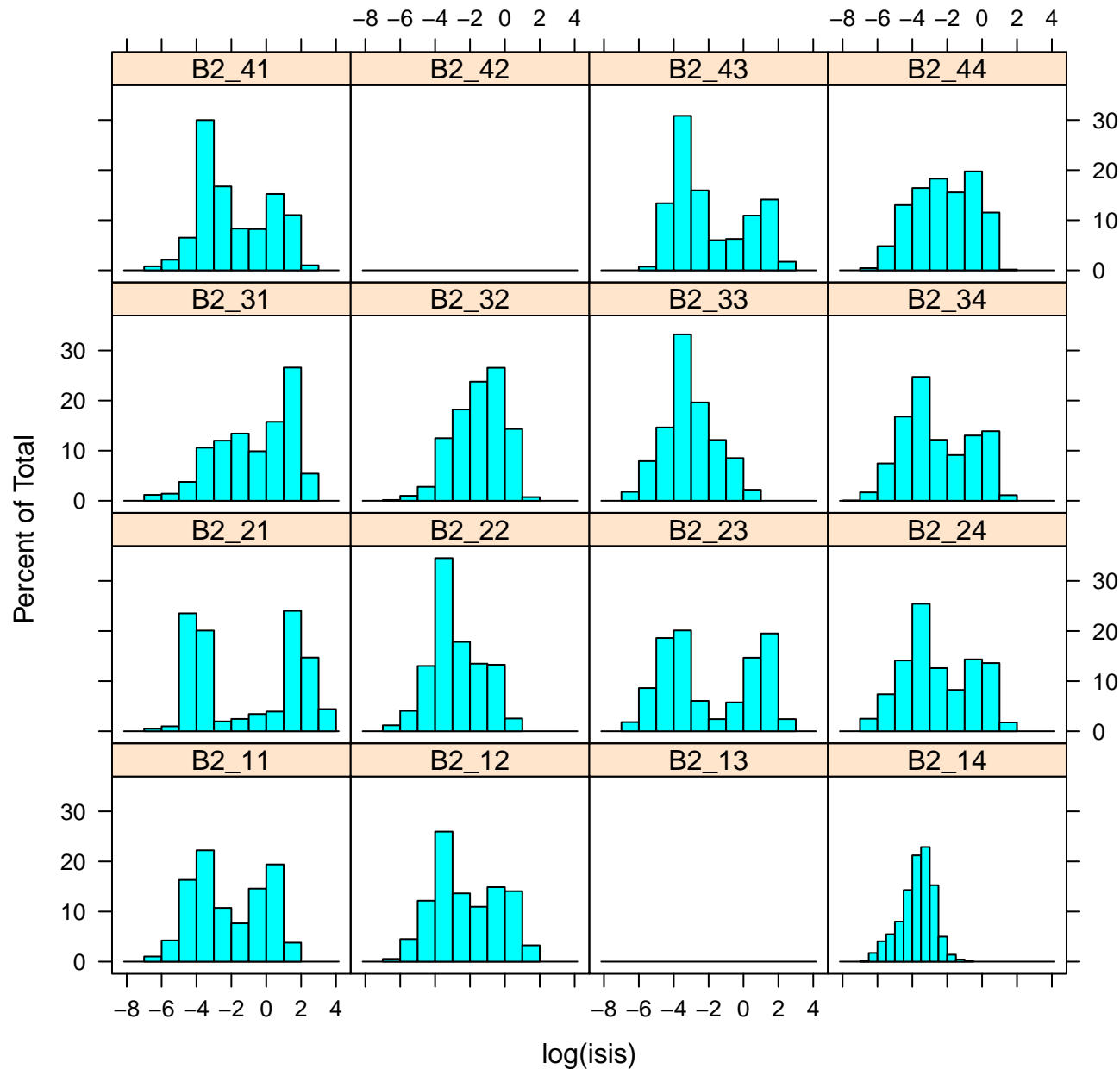
# log(ISIs) histogram plot for A8



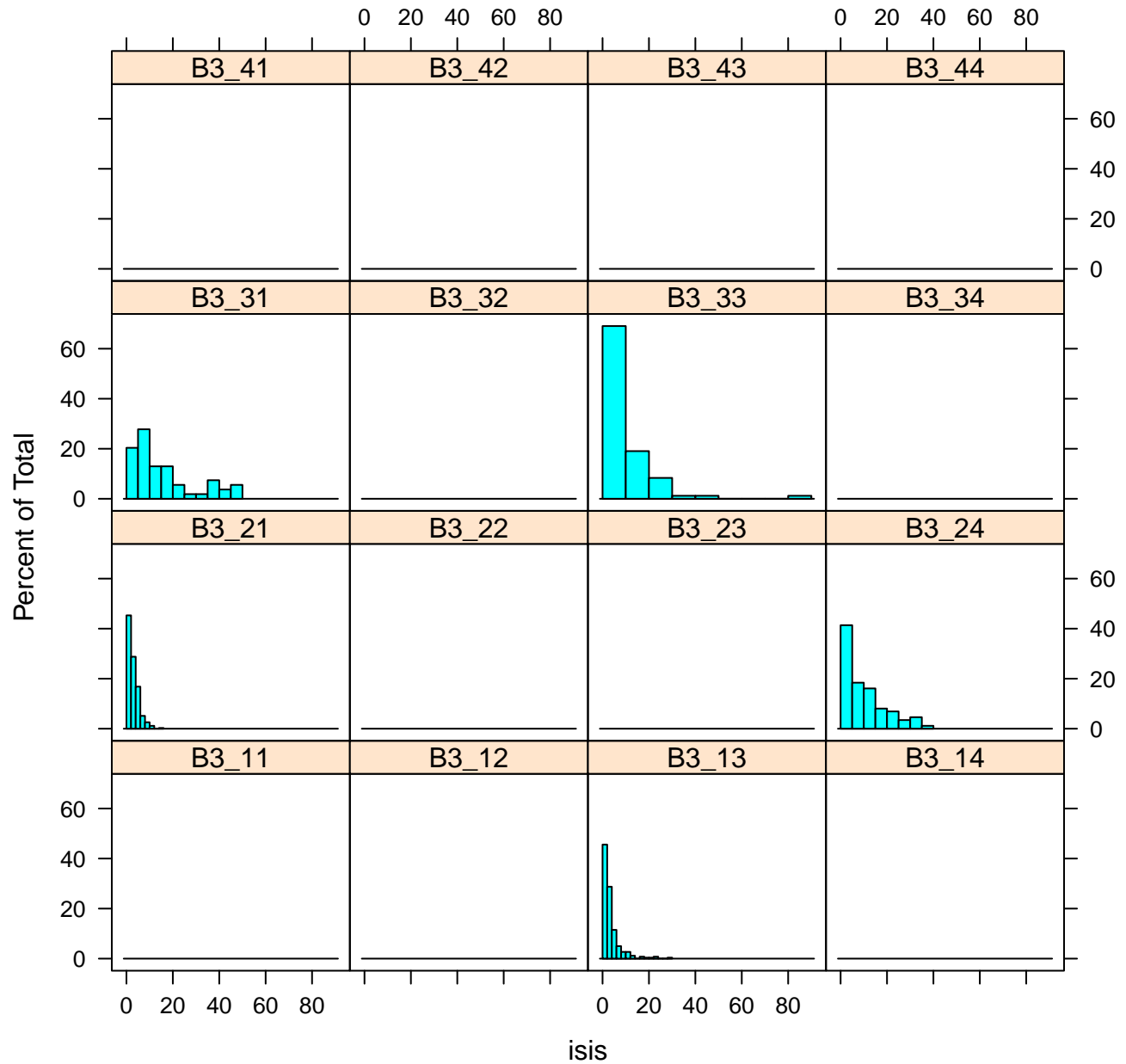
# ISIs histogram plot for B2



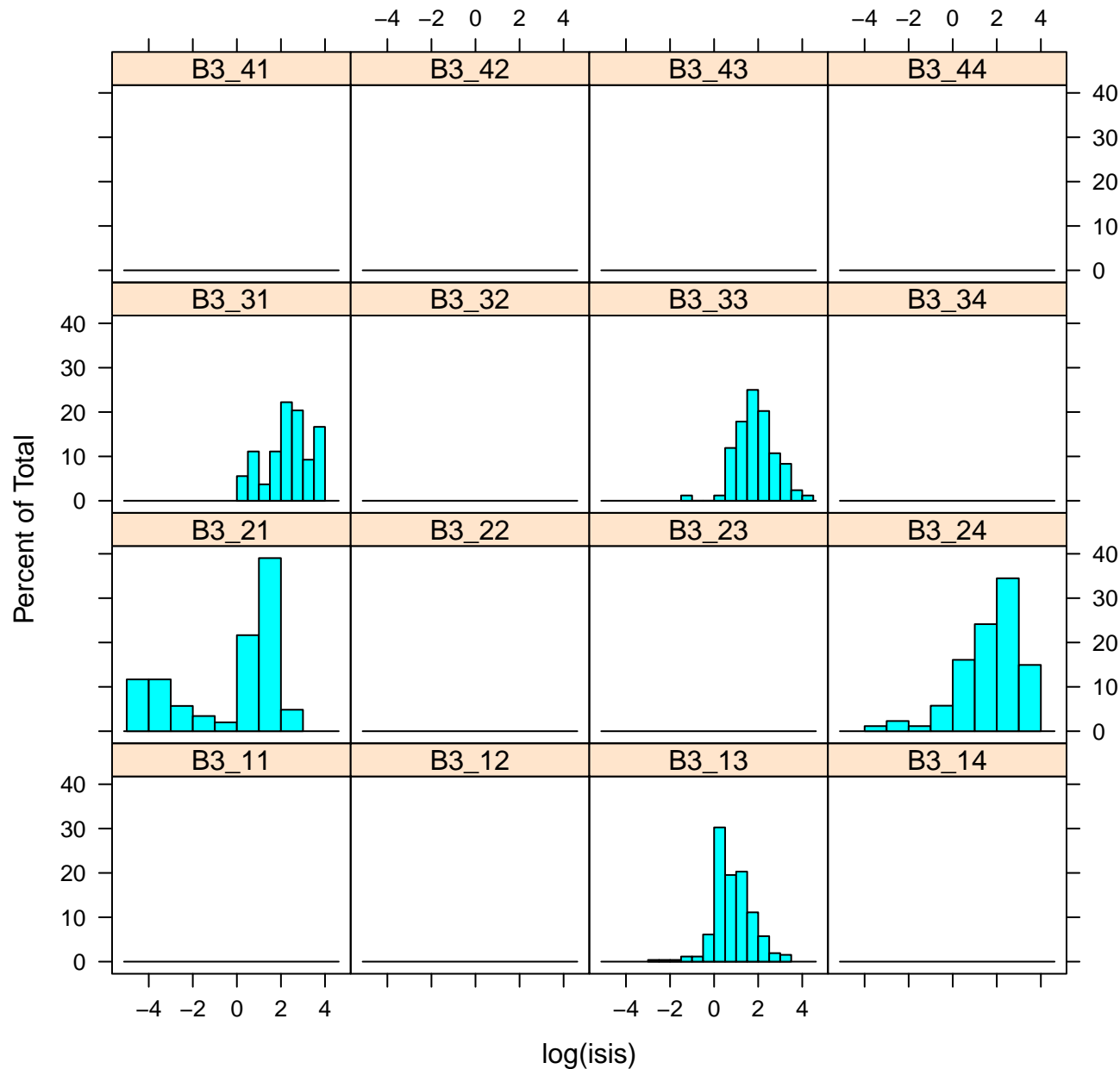
# log(ISIs) histogram plot for B2



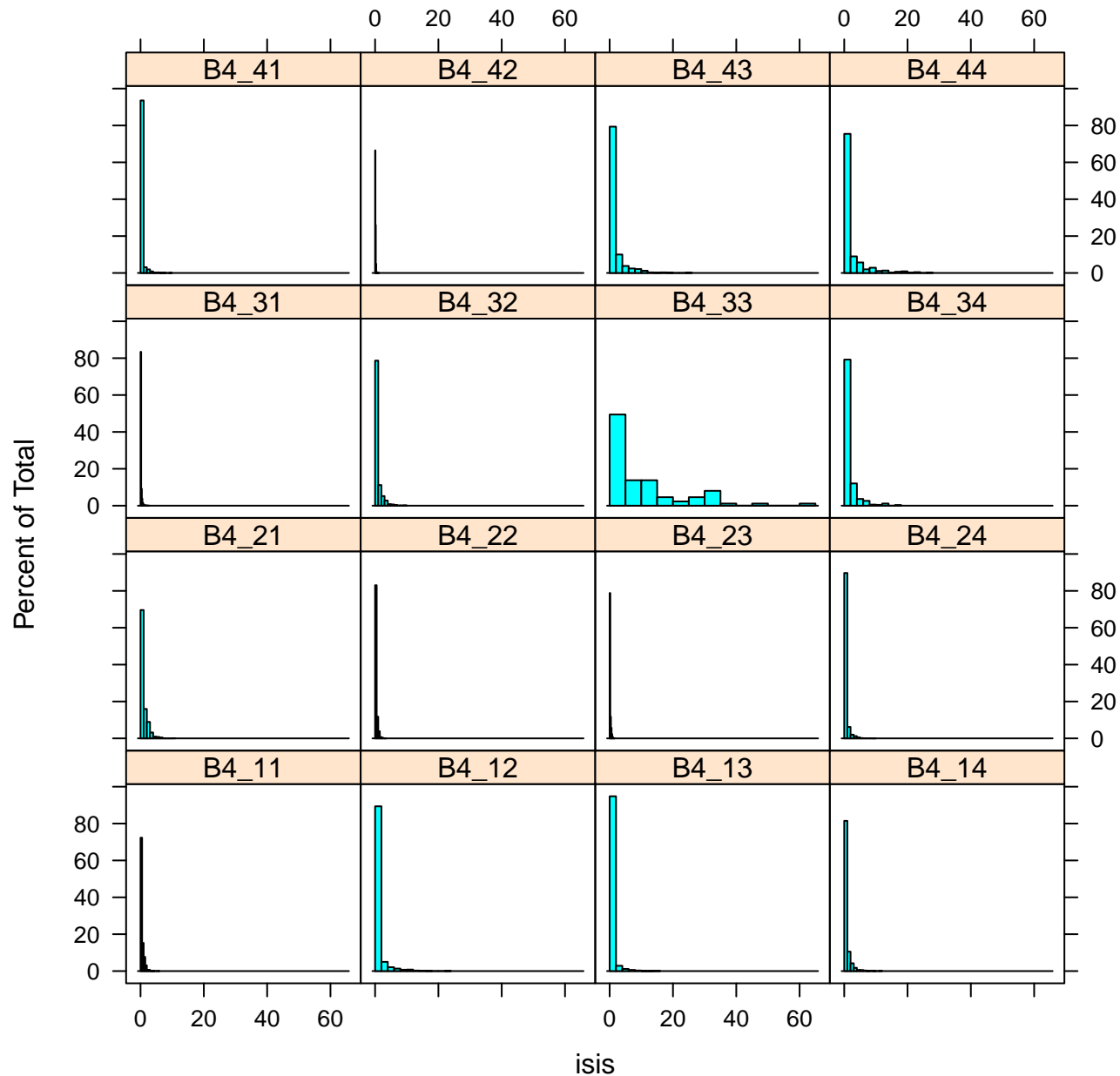
ISIs histogram plot for B3



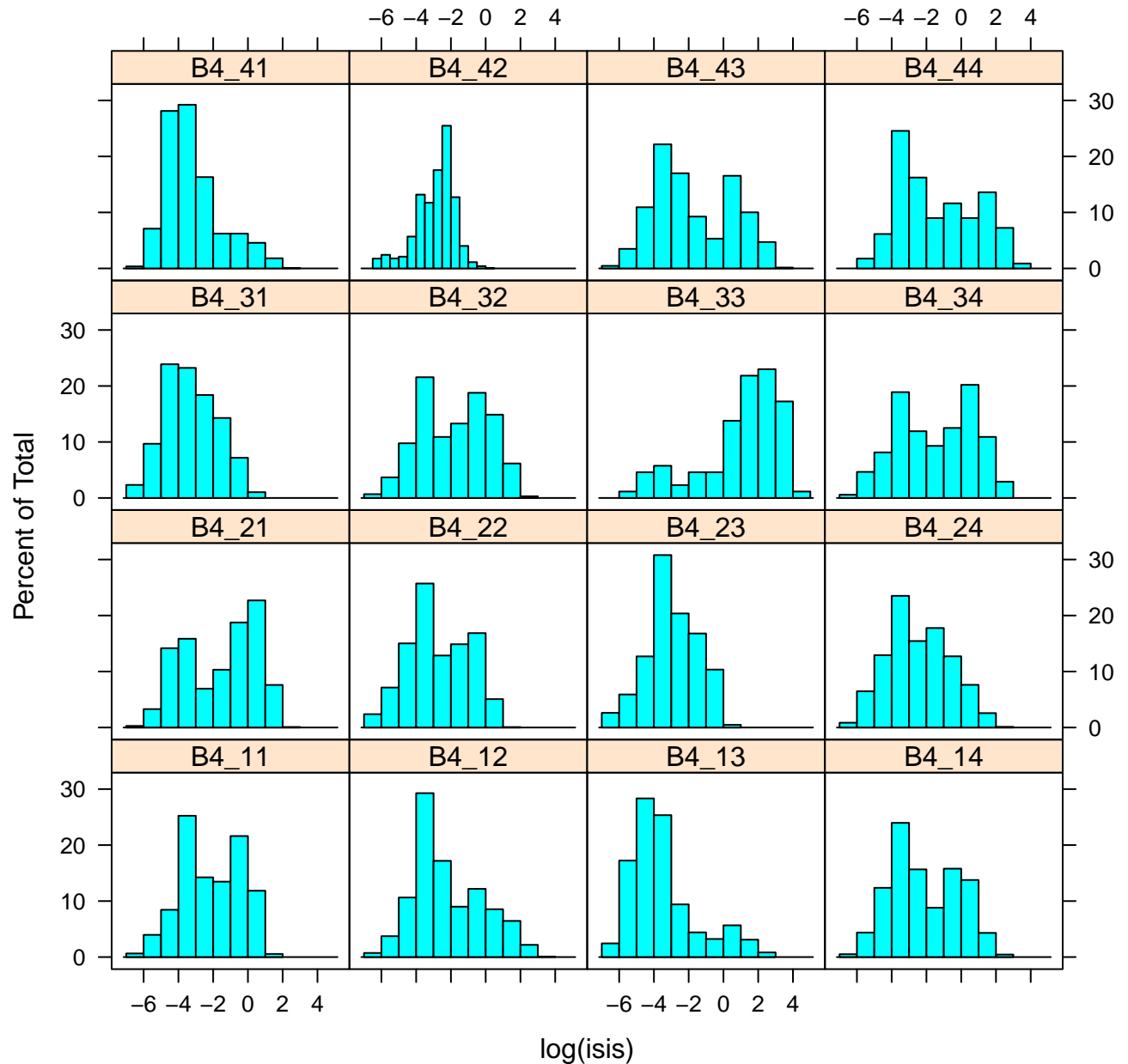
# log(ISIs) histogram plot for B3



# ISIs histogram plot for B4

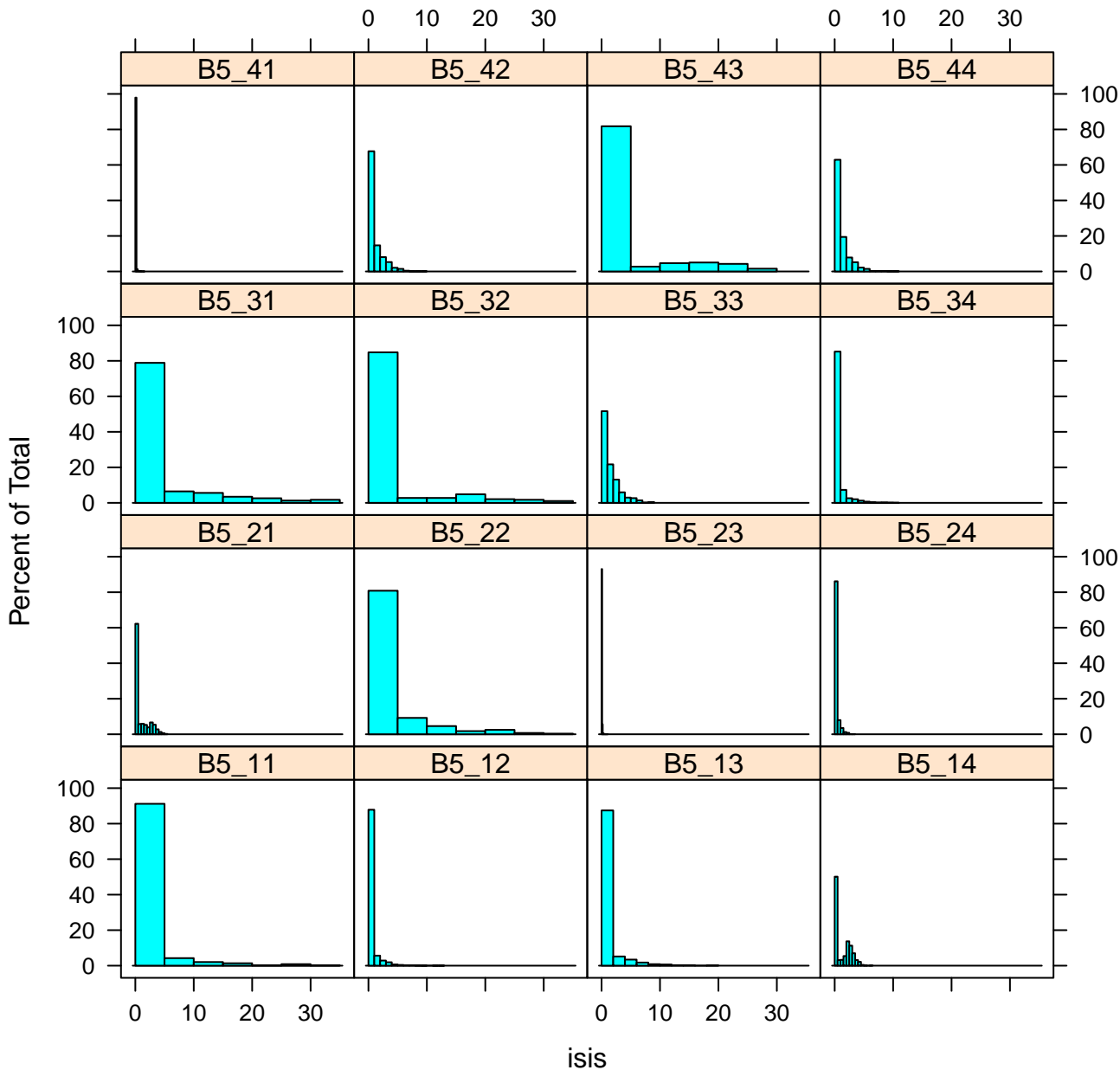


# log(ISIs) histogram plot for B4

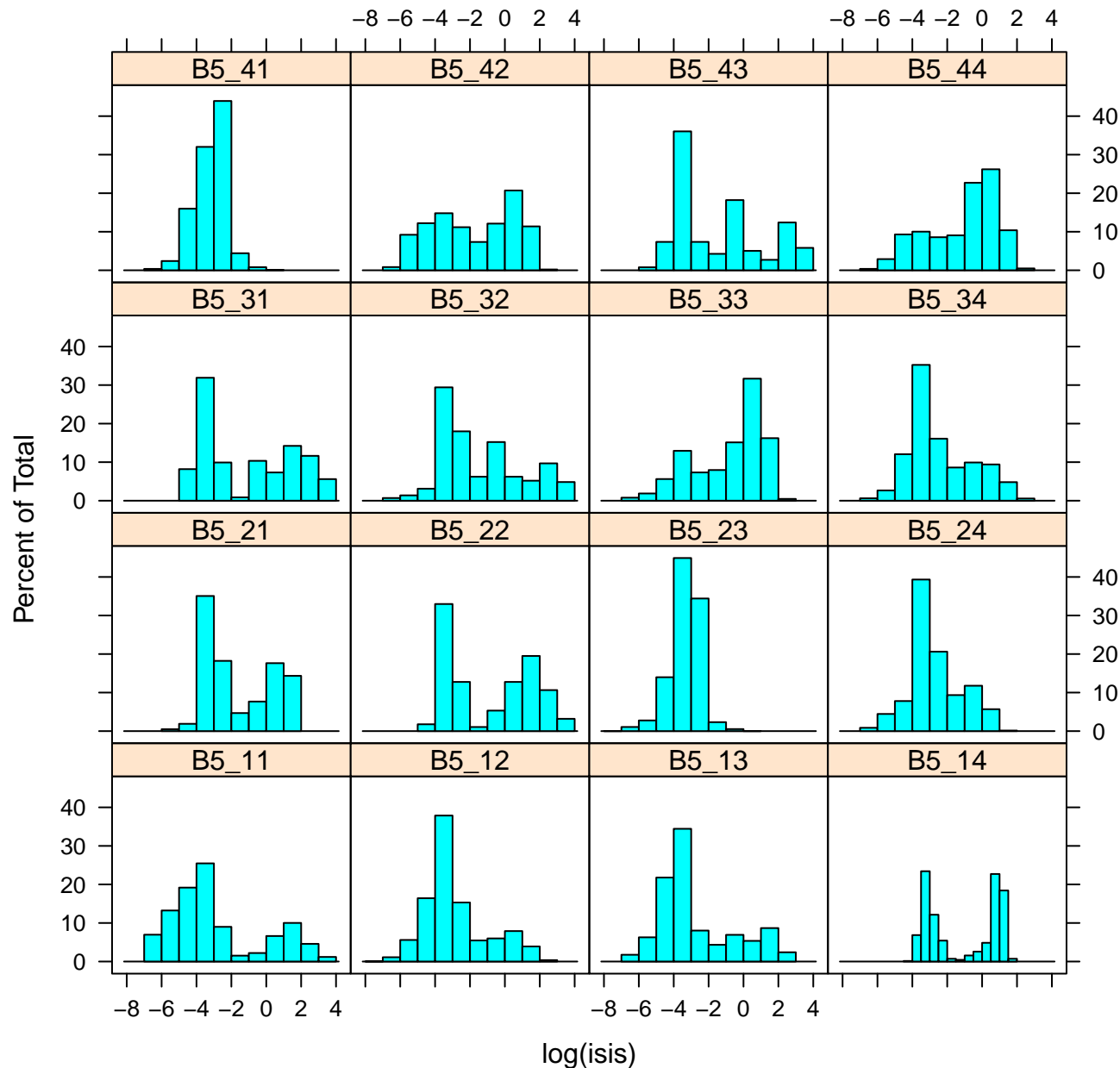




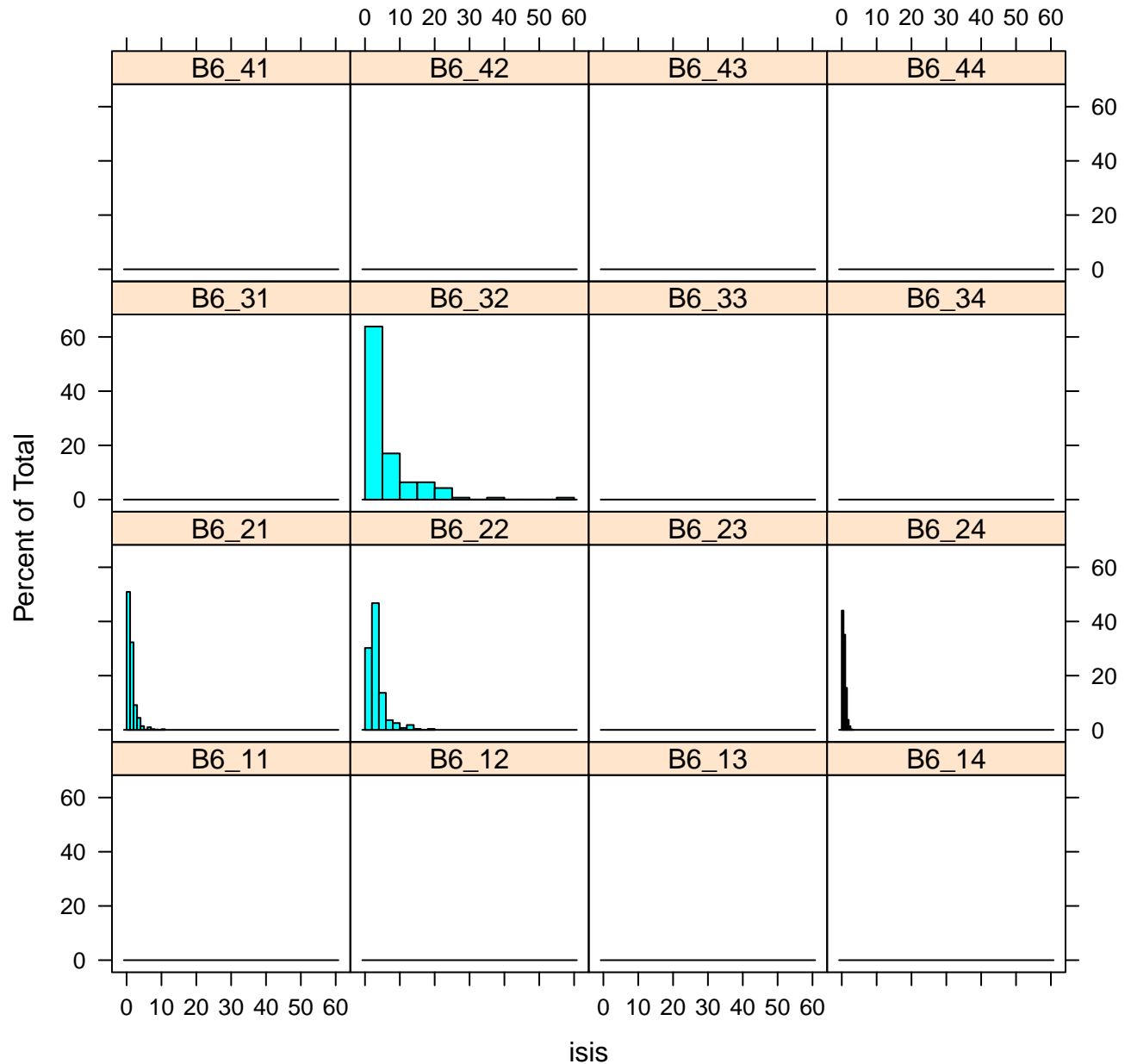
# ISIs histogram plot for B5



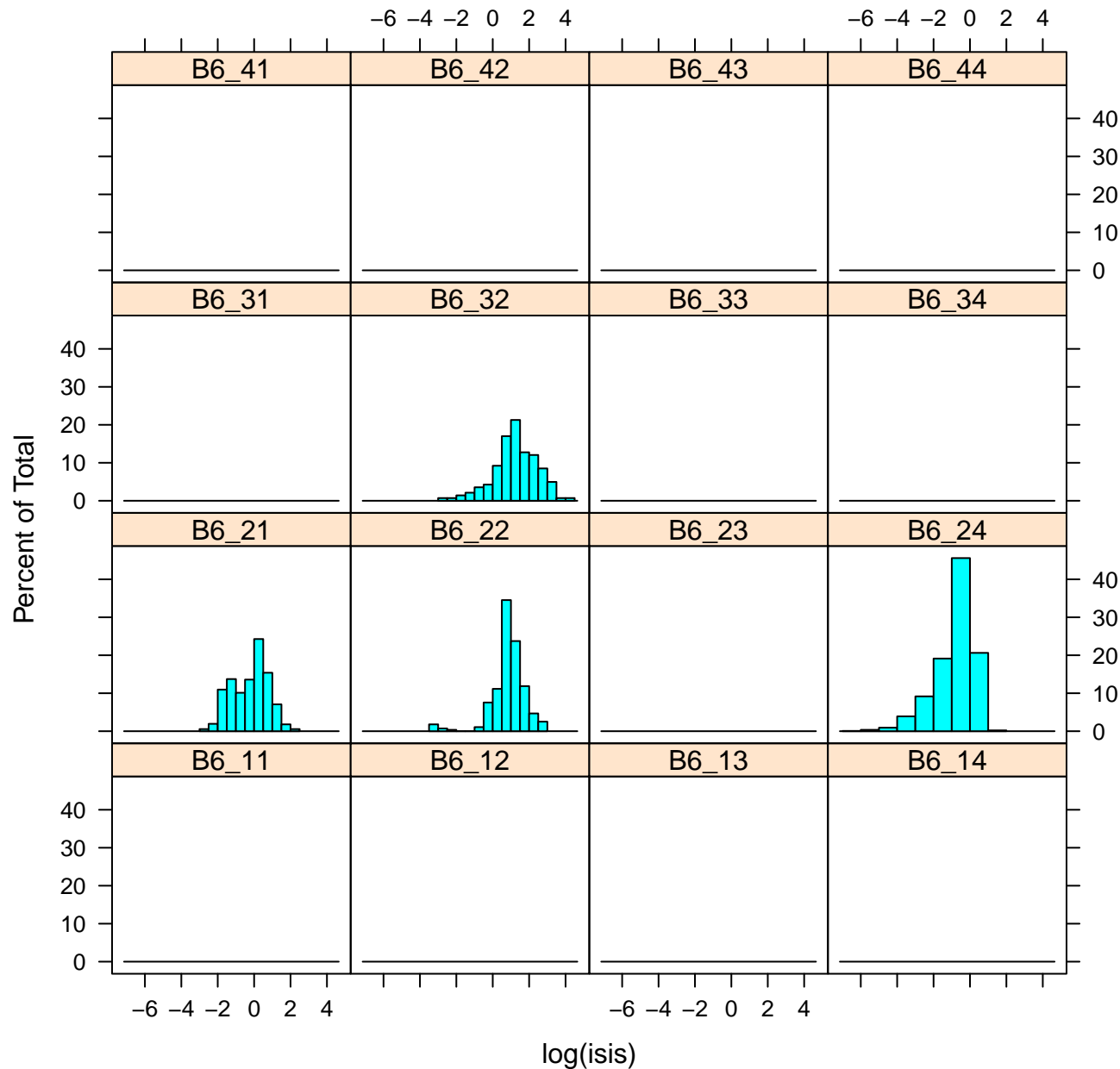
# log(ISIs) histogram plot for B5



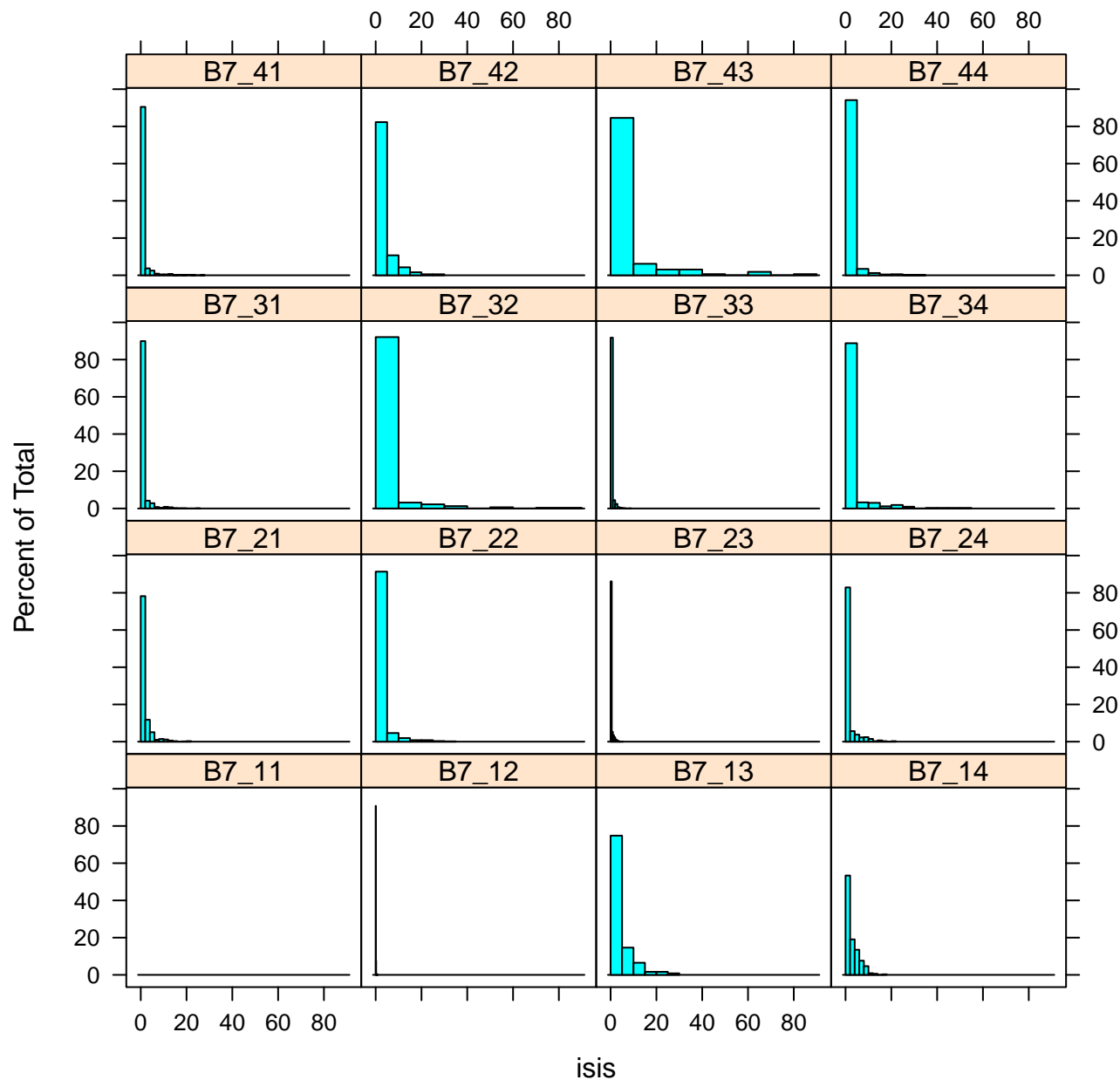
# ISIs histogram plot for B6



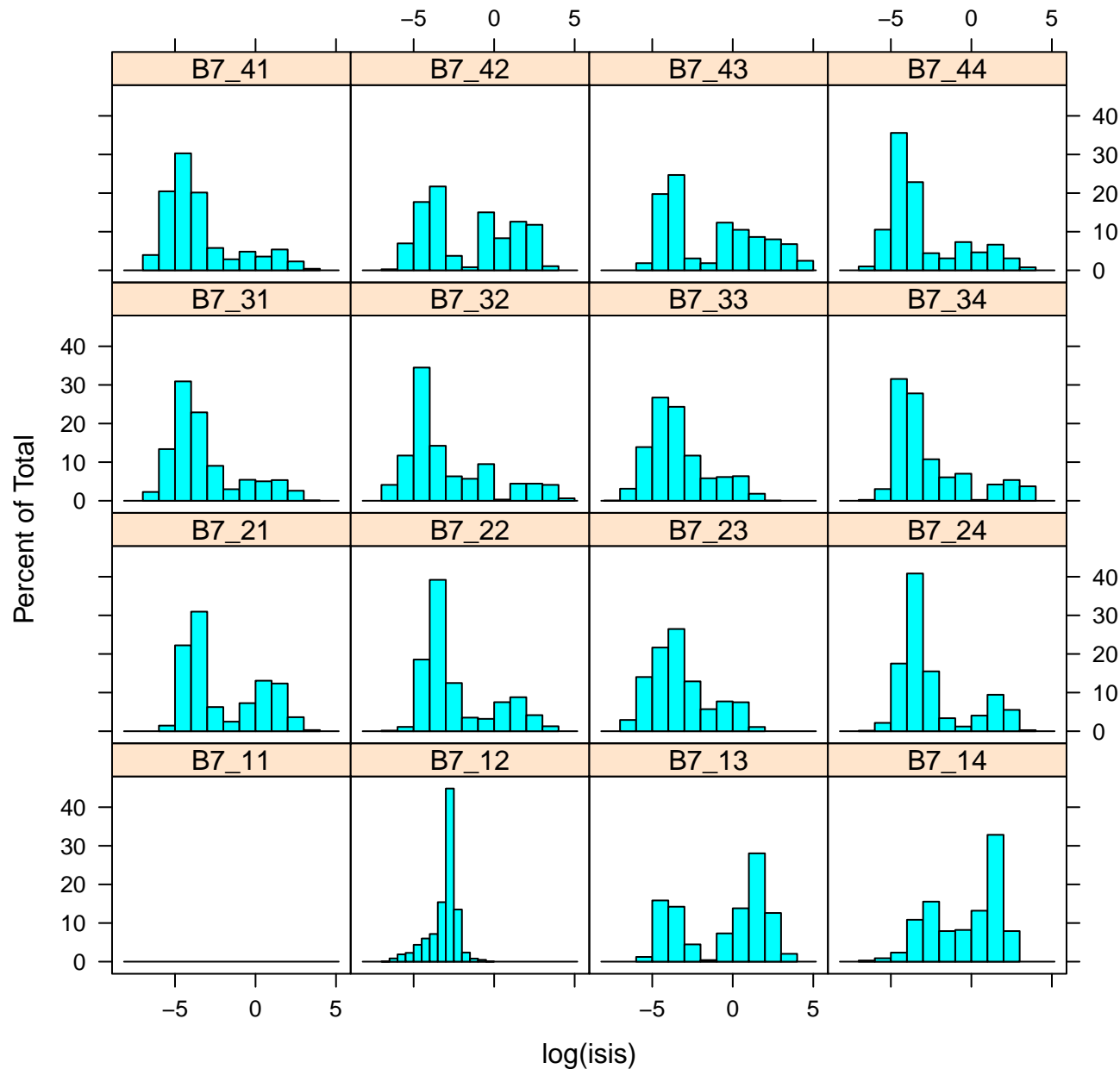
# log(ISIs) histogram plot for B6



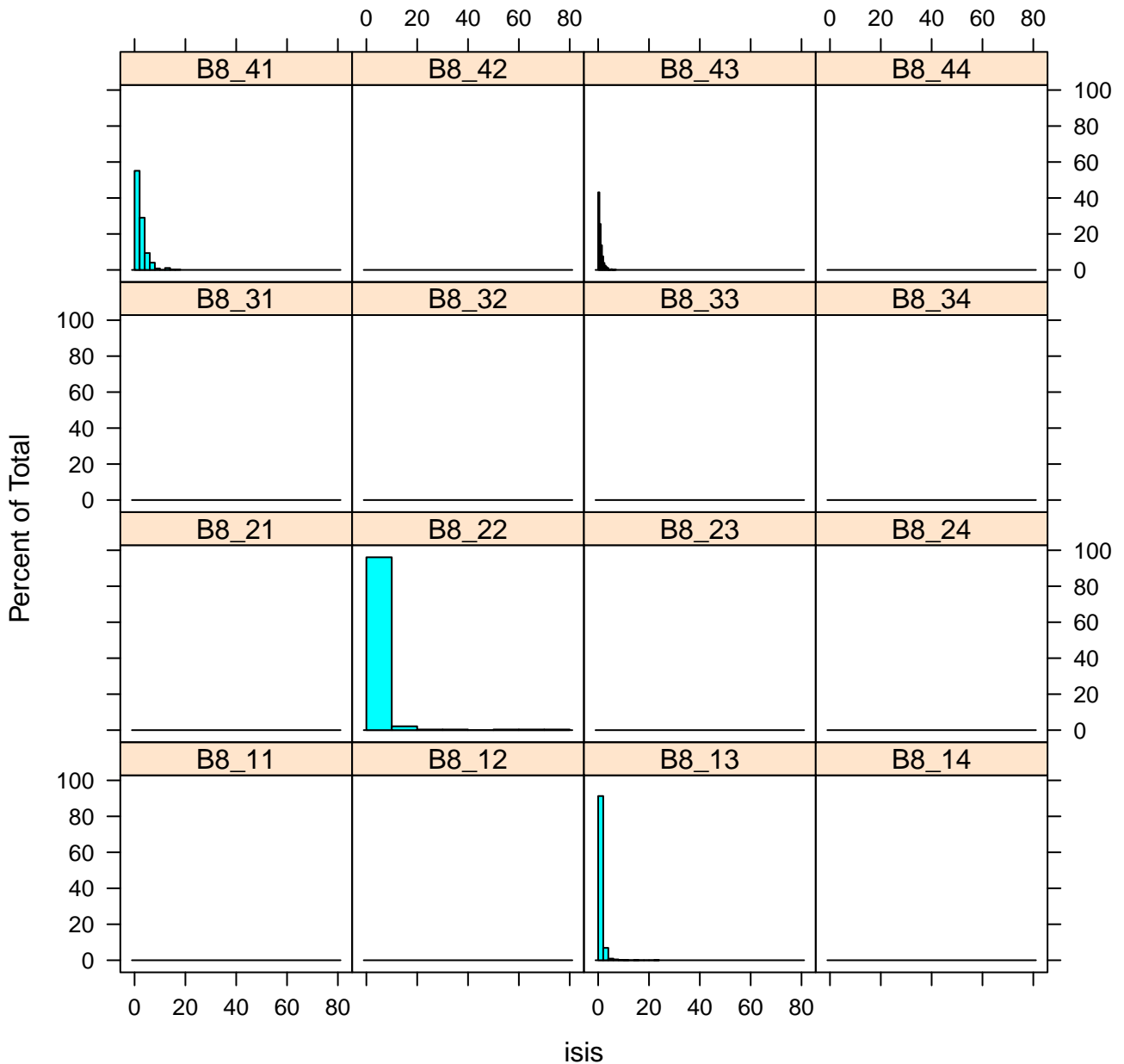
# ISIs histogram plot for B7



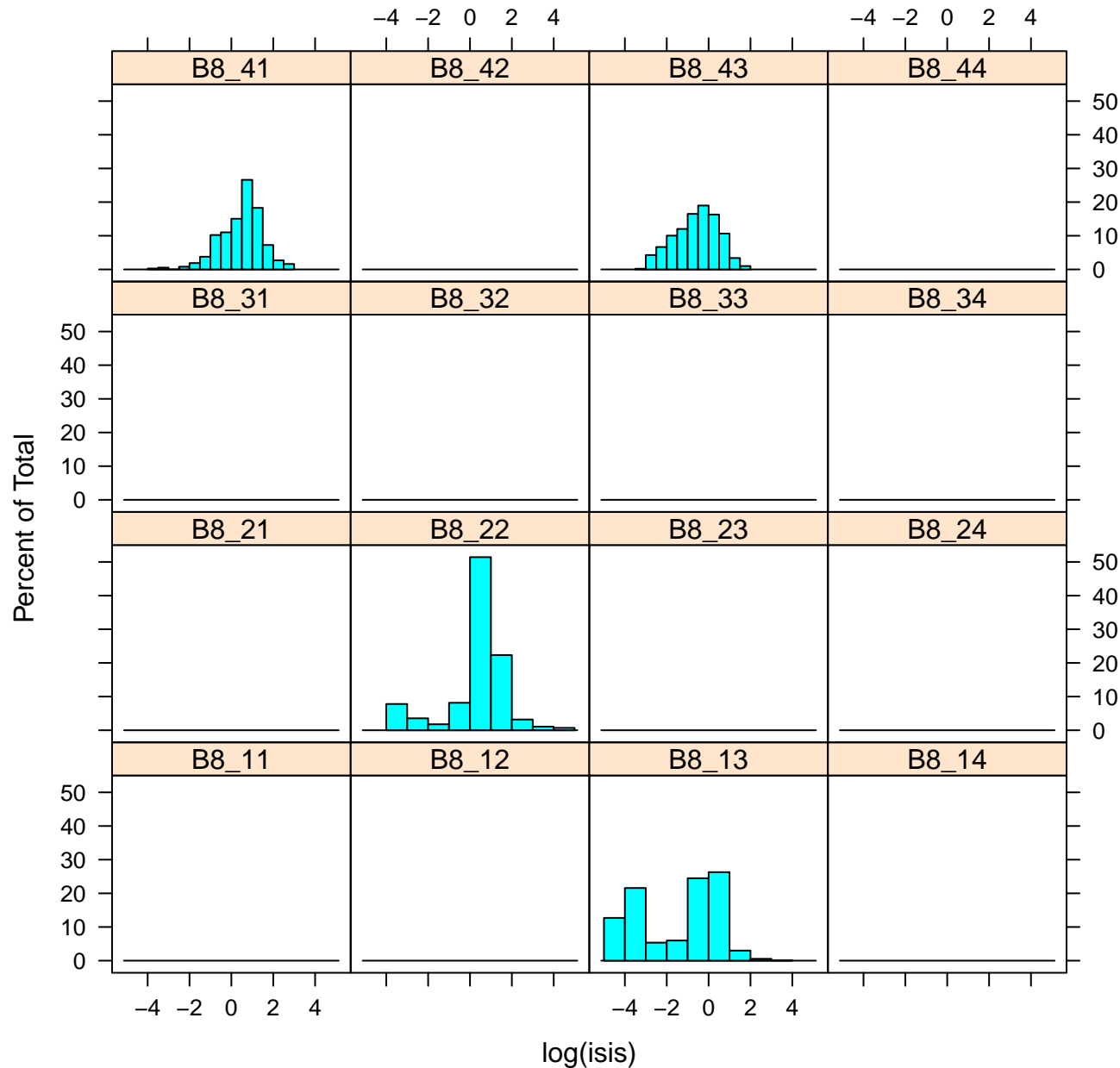
# log(ISIs) histogram plot for B7



# ISIs histogram plot for B8

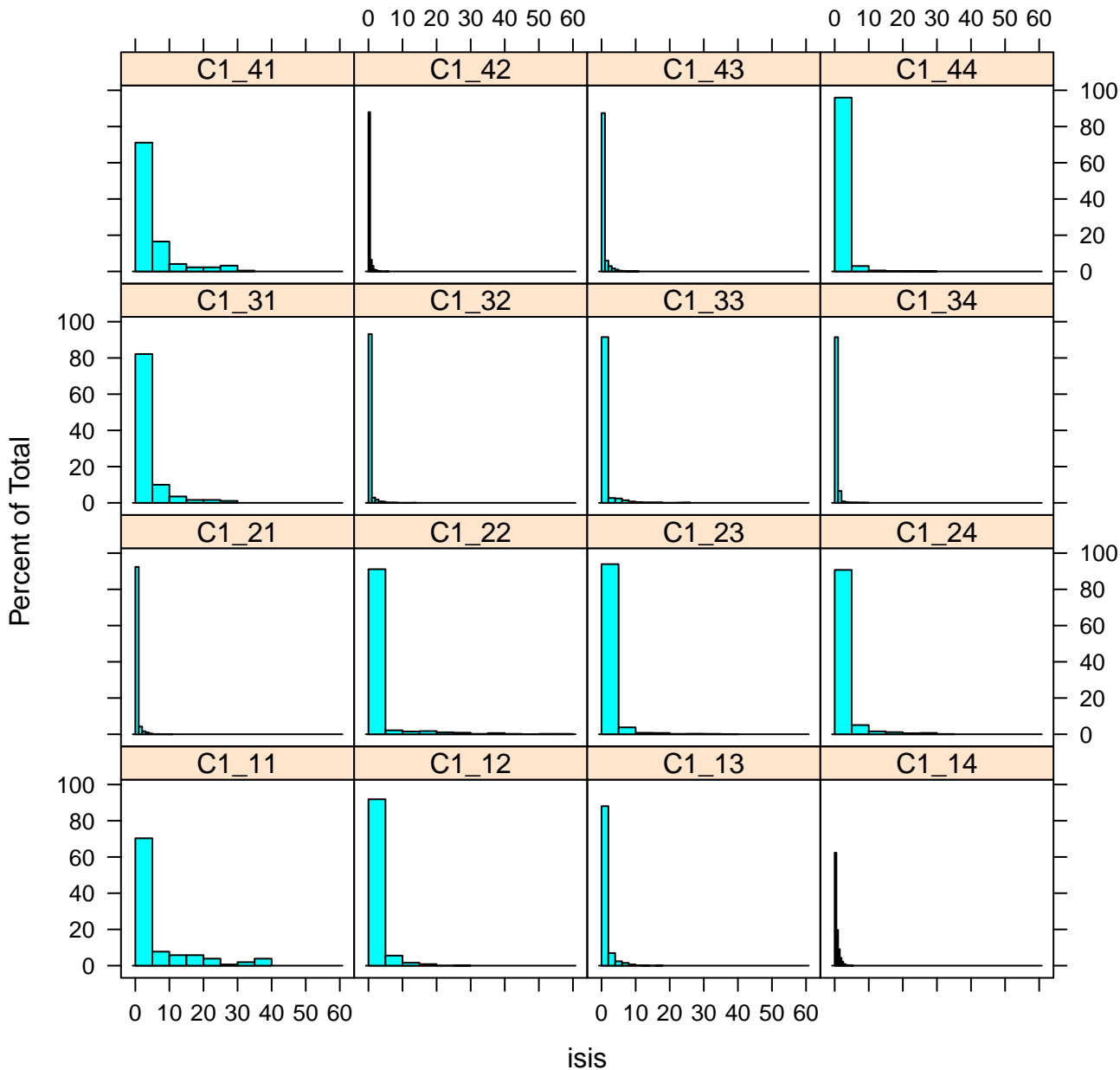


# log(ISIs) histogram plot for B8

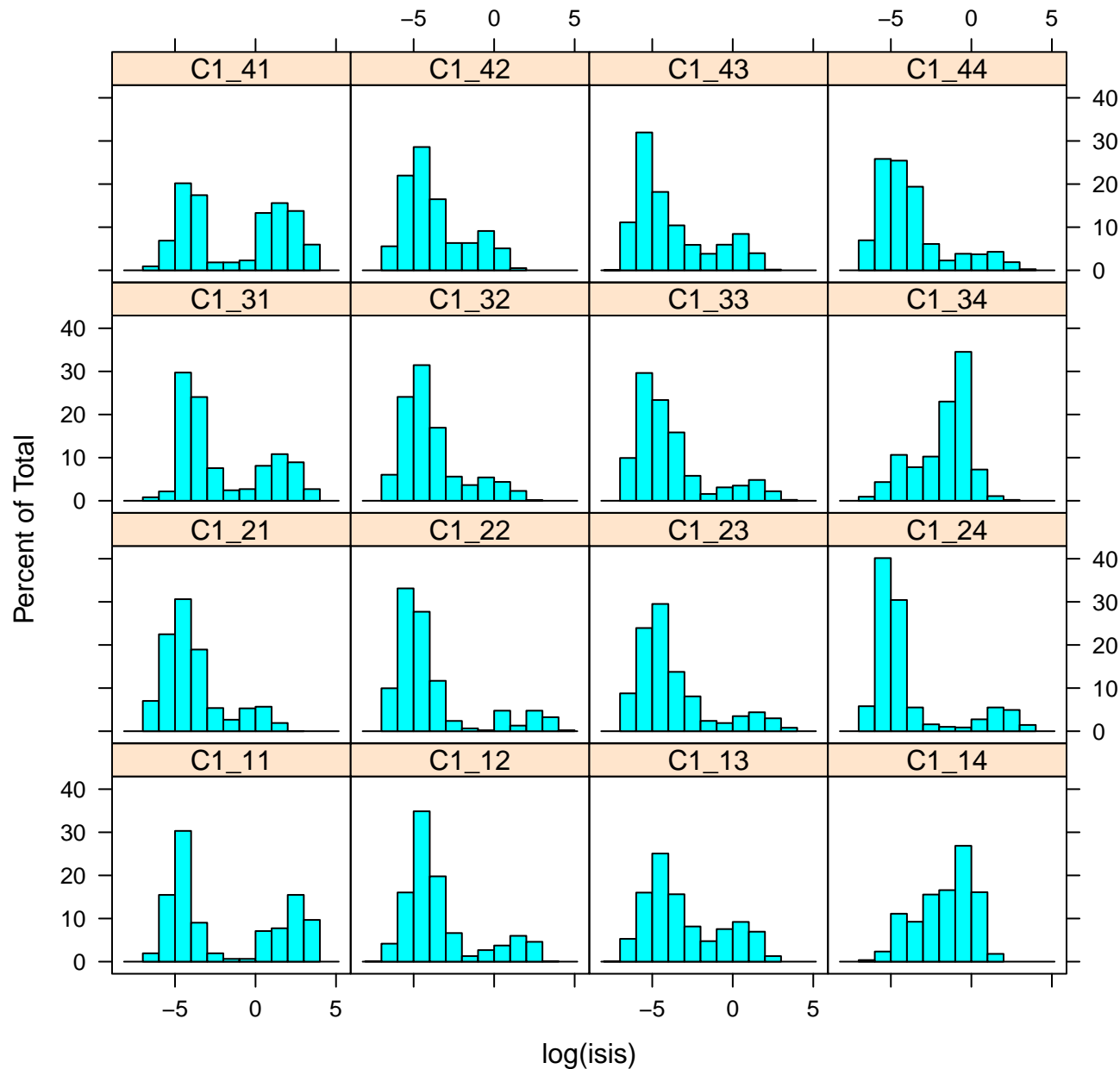




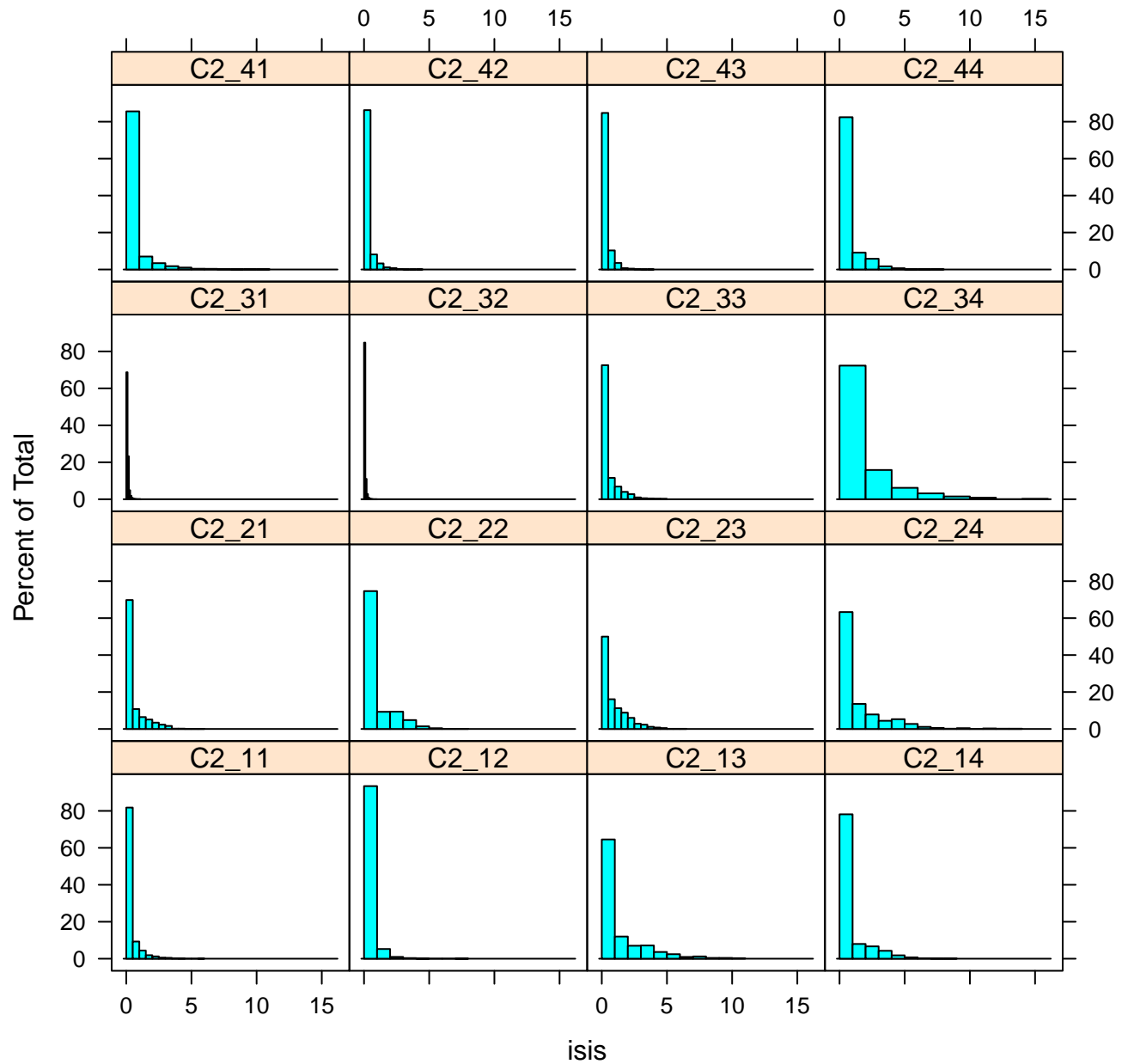
# ISIs histogram plot for C1



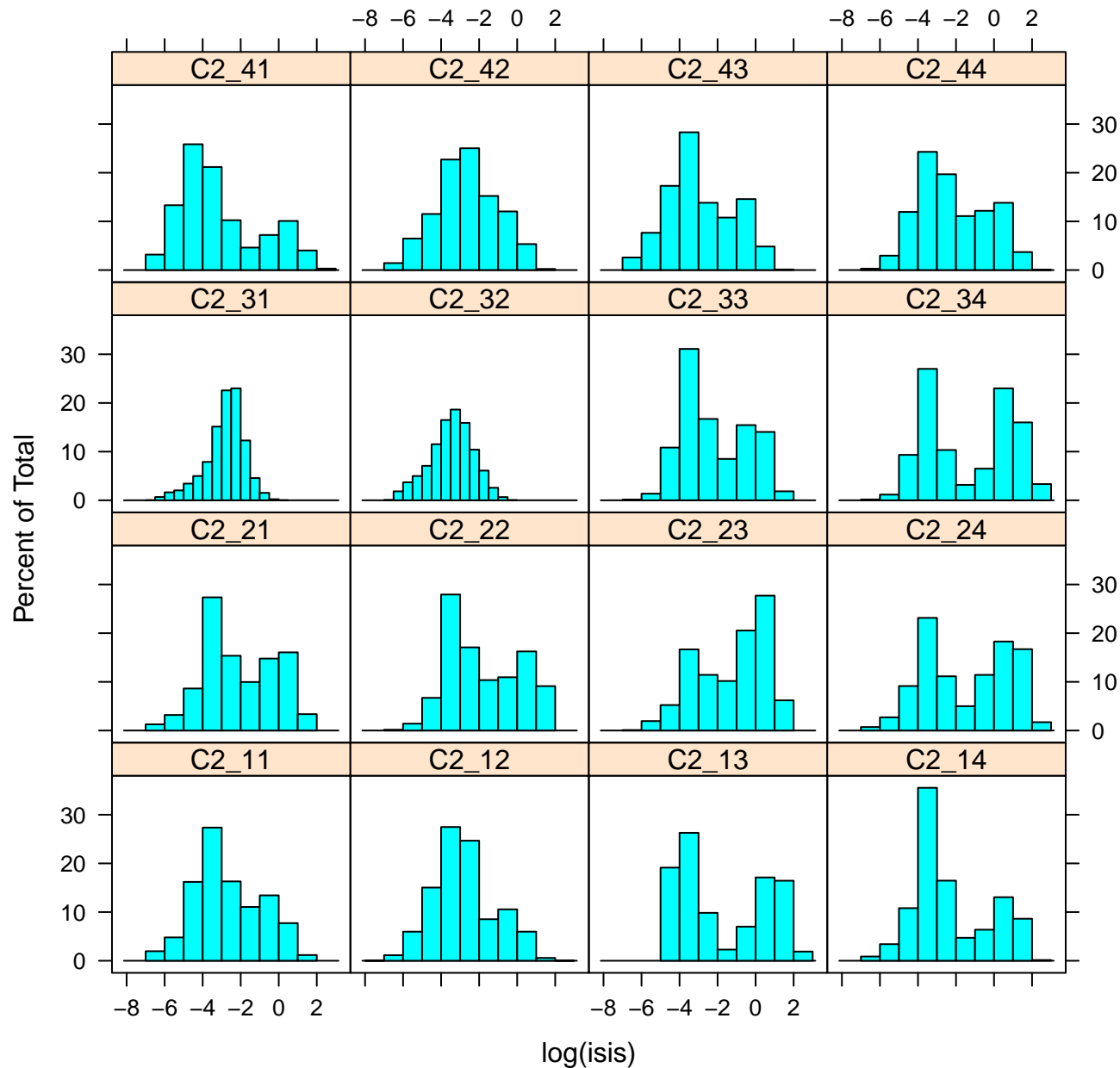
# log(ISIs) histogram plot for C1



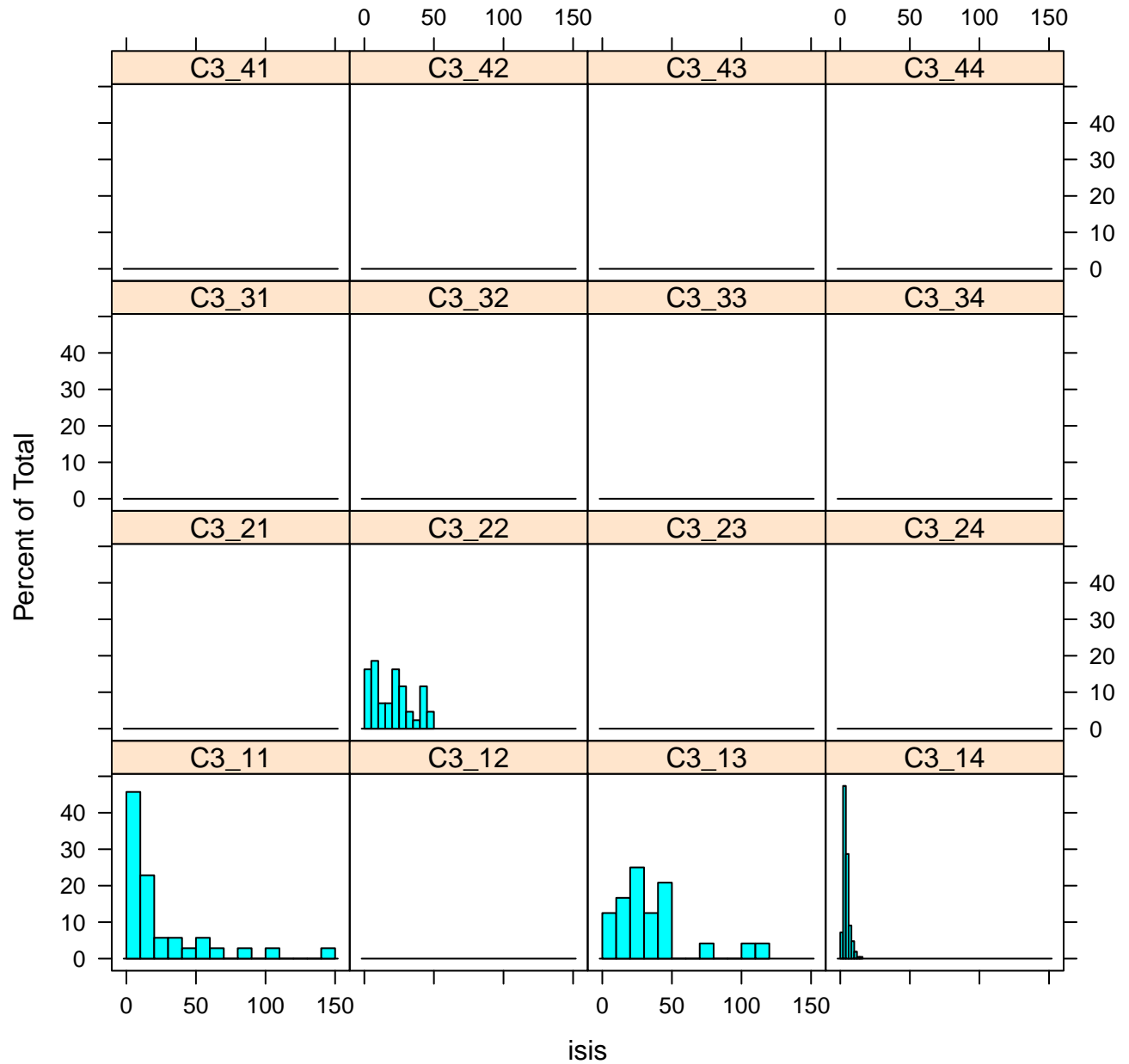
ISIs histogram plot for C2



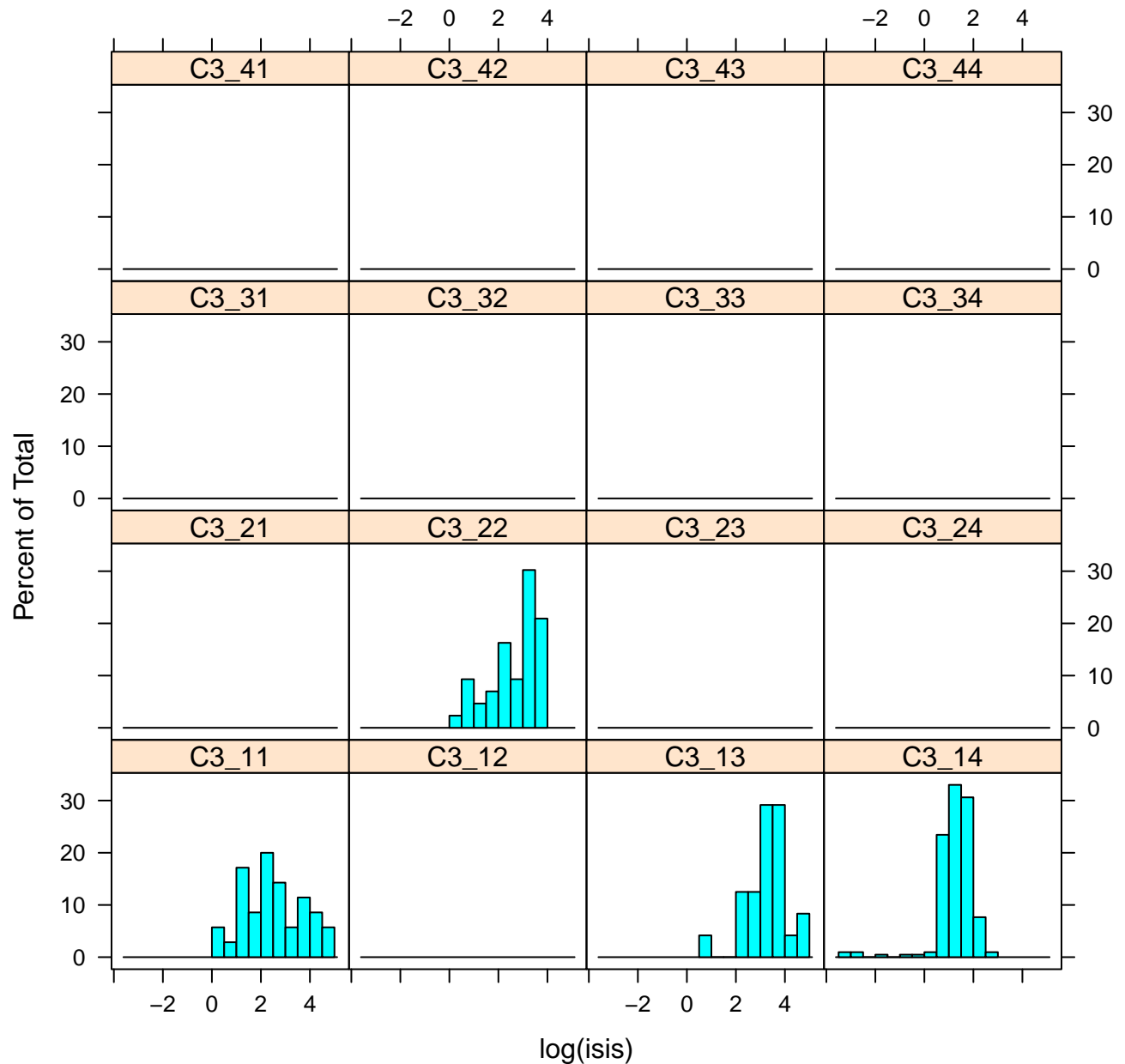
# log(ISIs) histogram plot for C2



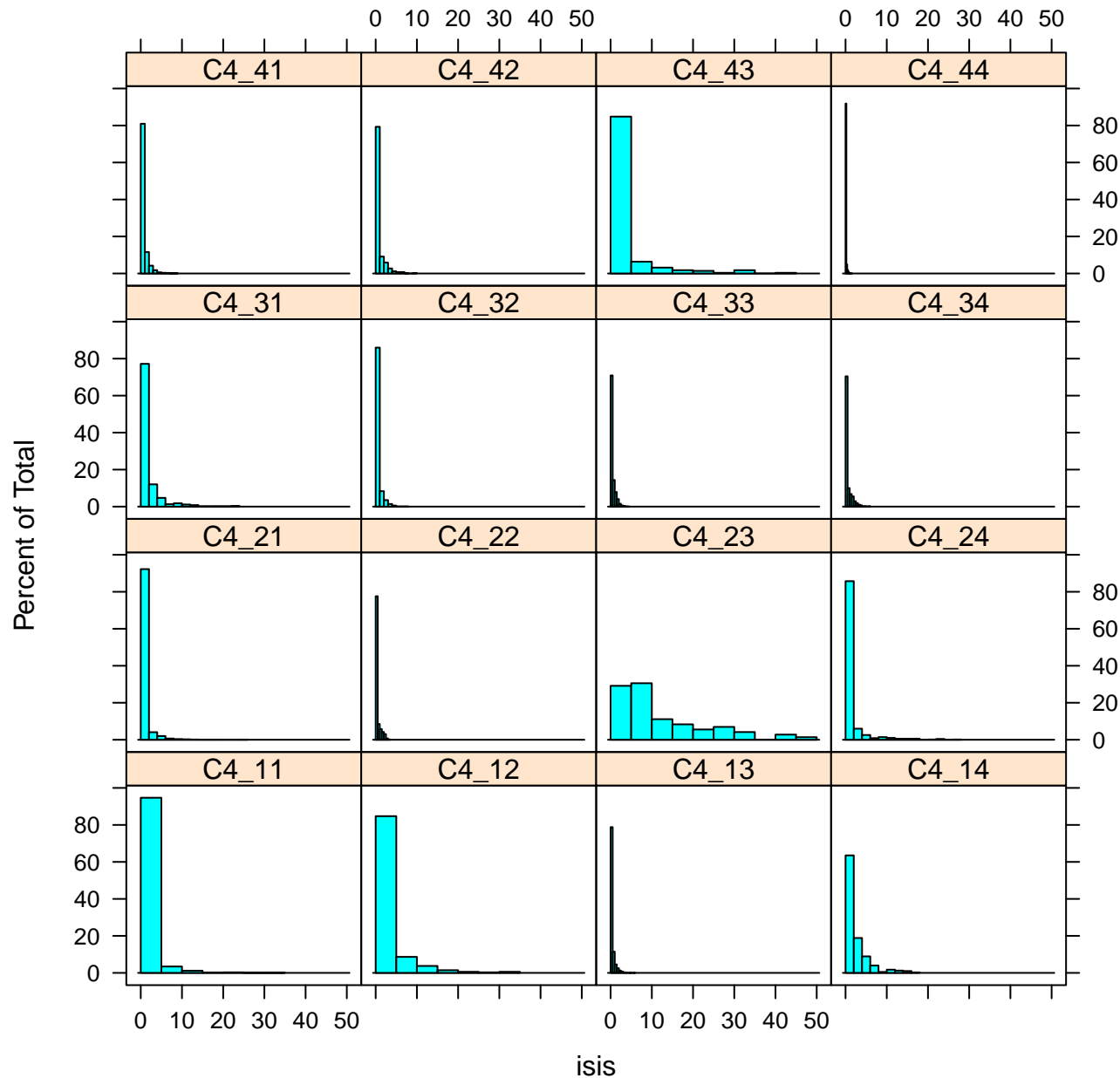
# ISIs histogram plot for C3



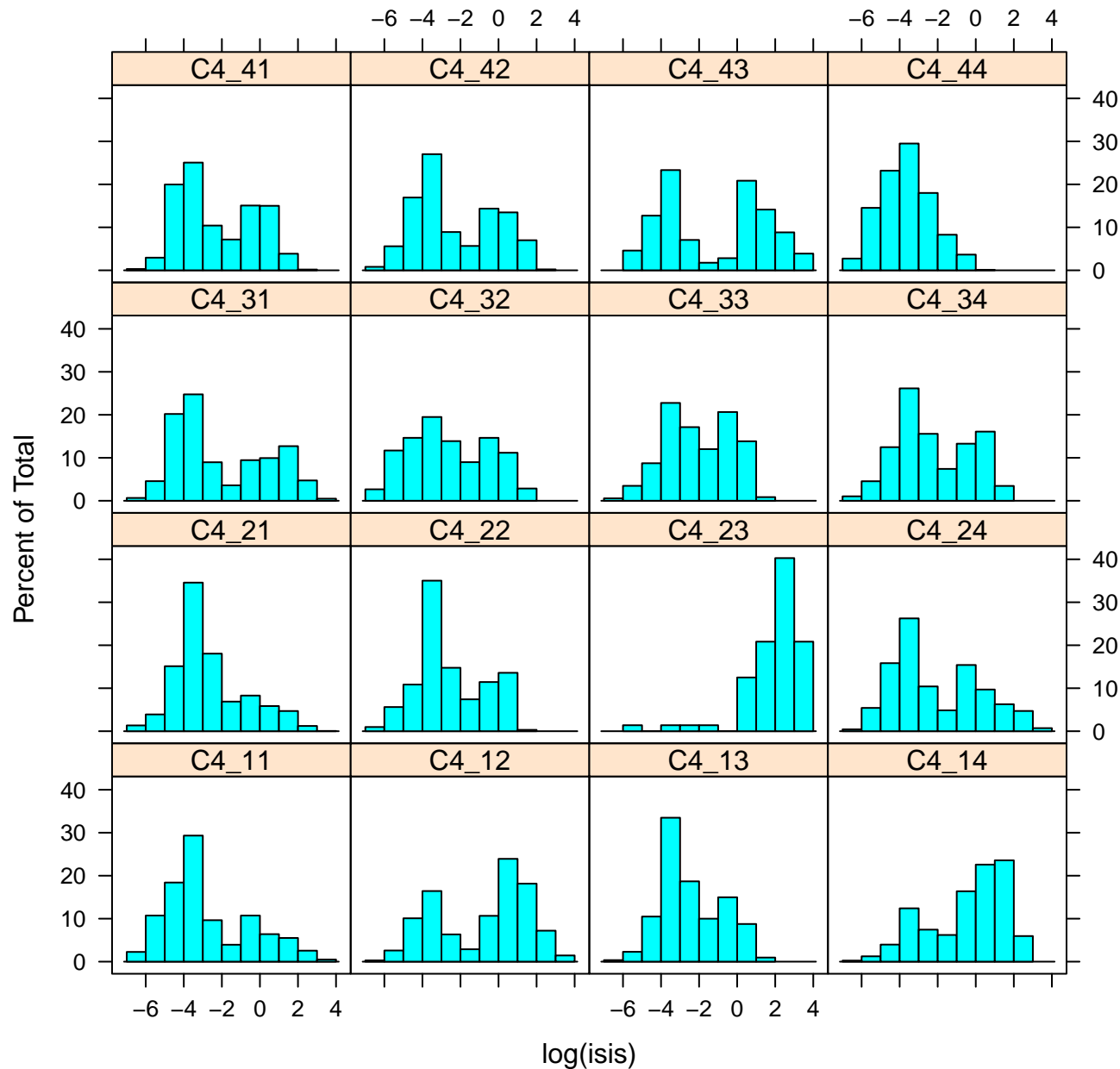
# log(ISIs) histogram plot for C3



# ISIs histogram plot for C4

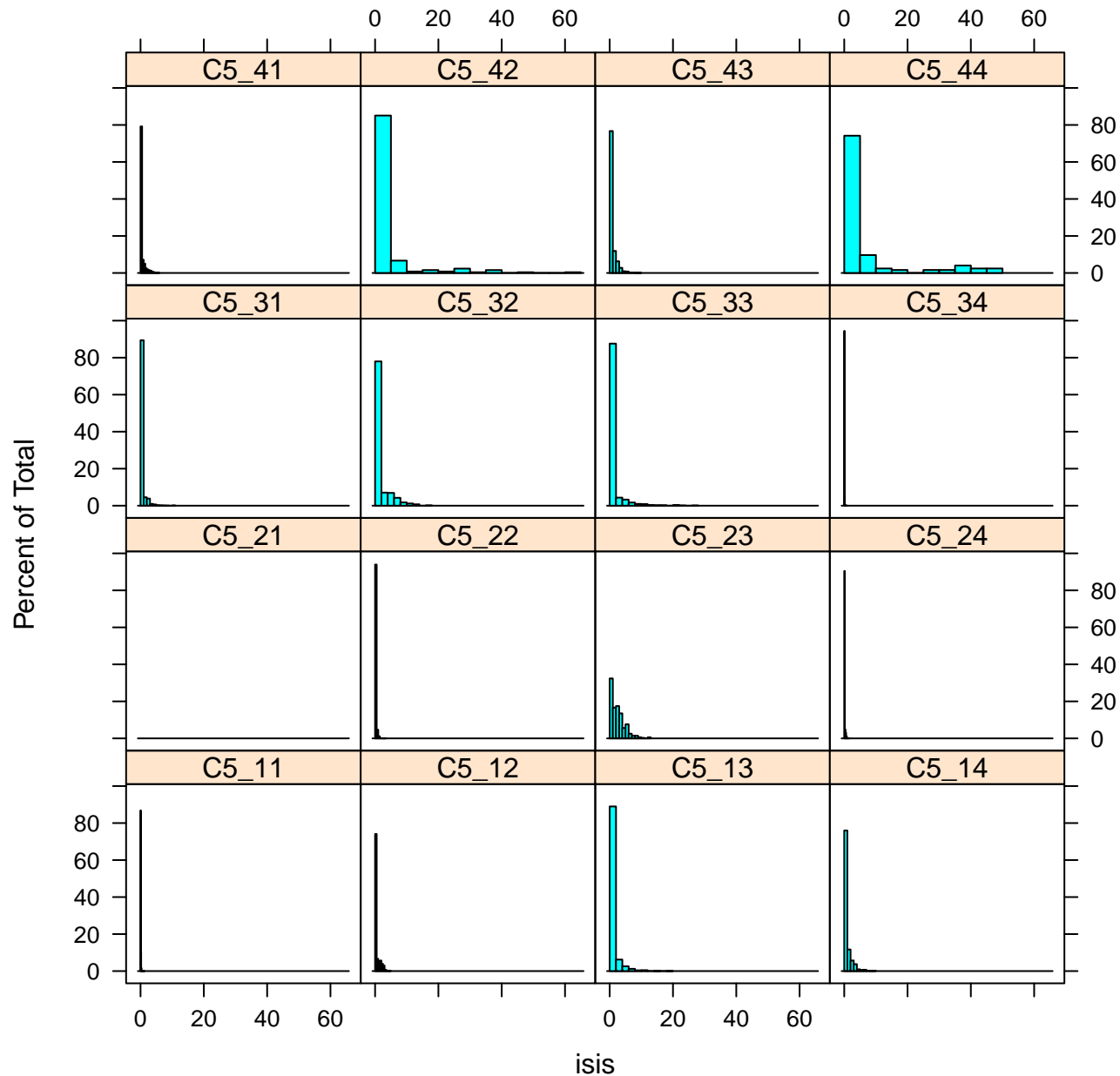


# log(ISIs) histogram plot for C4

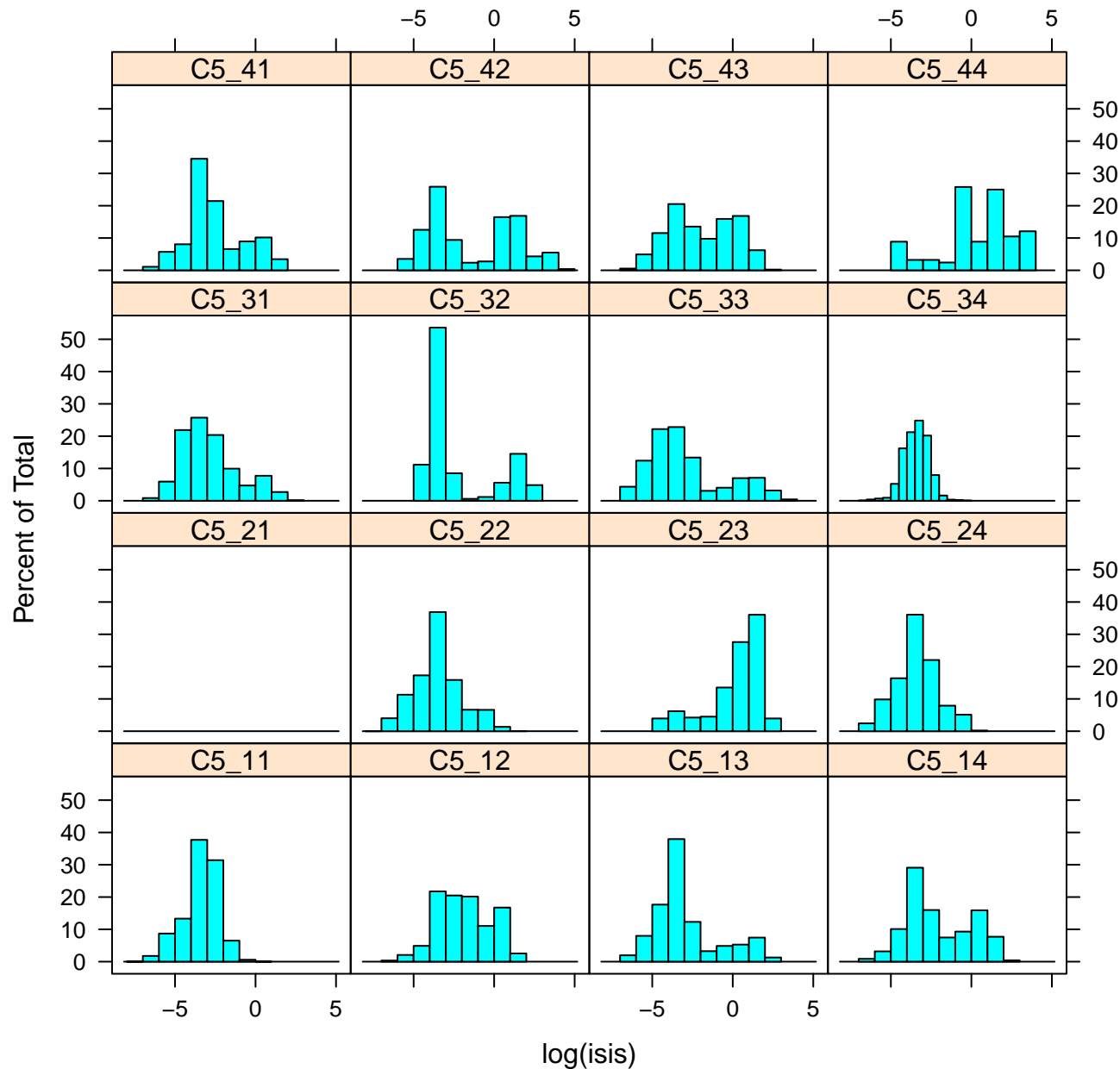




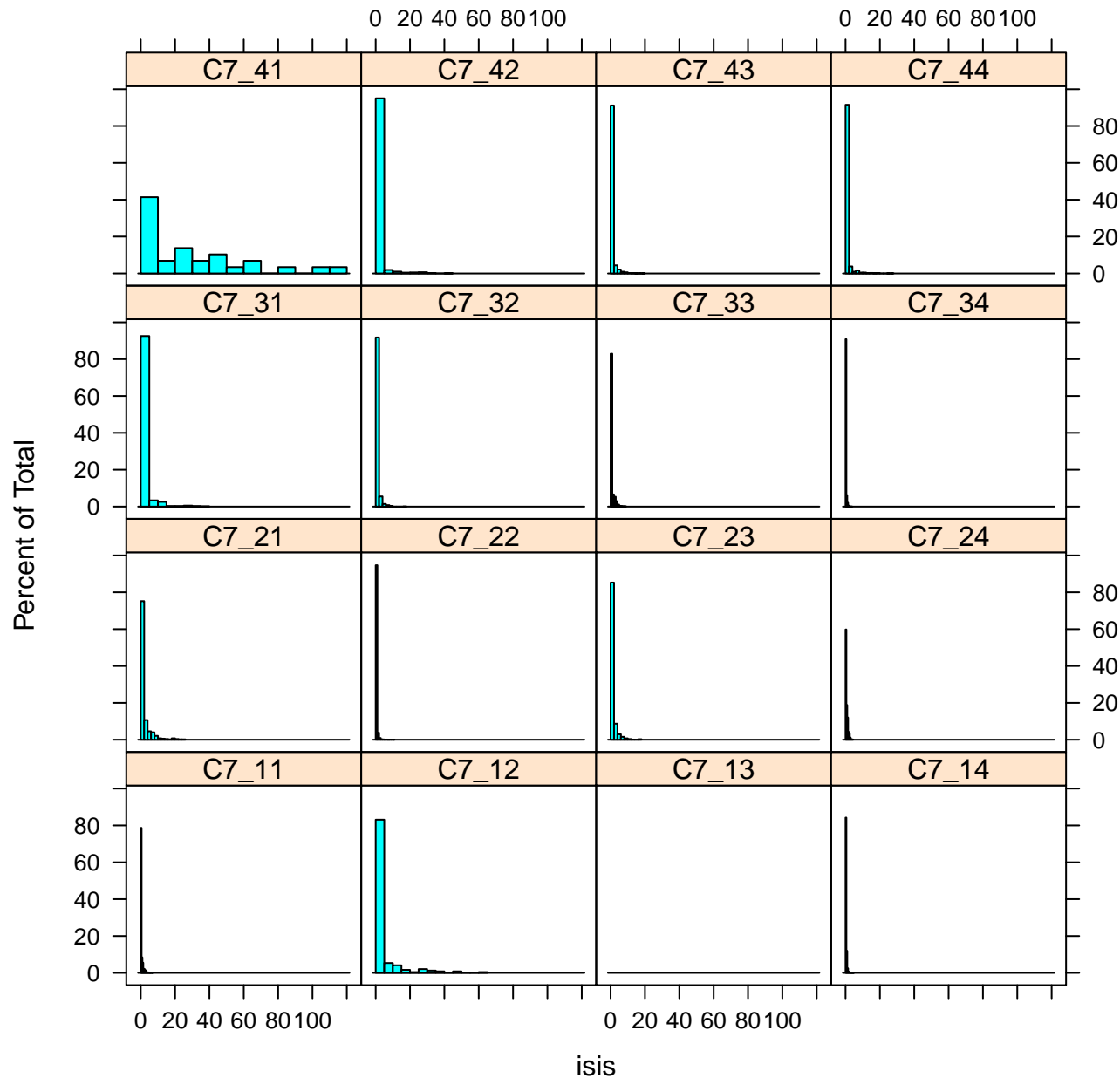
# ISIs histogram plot for C5



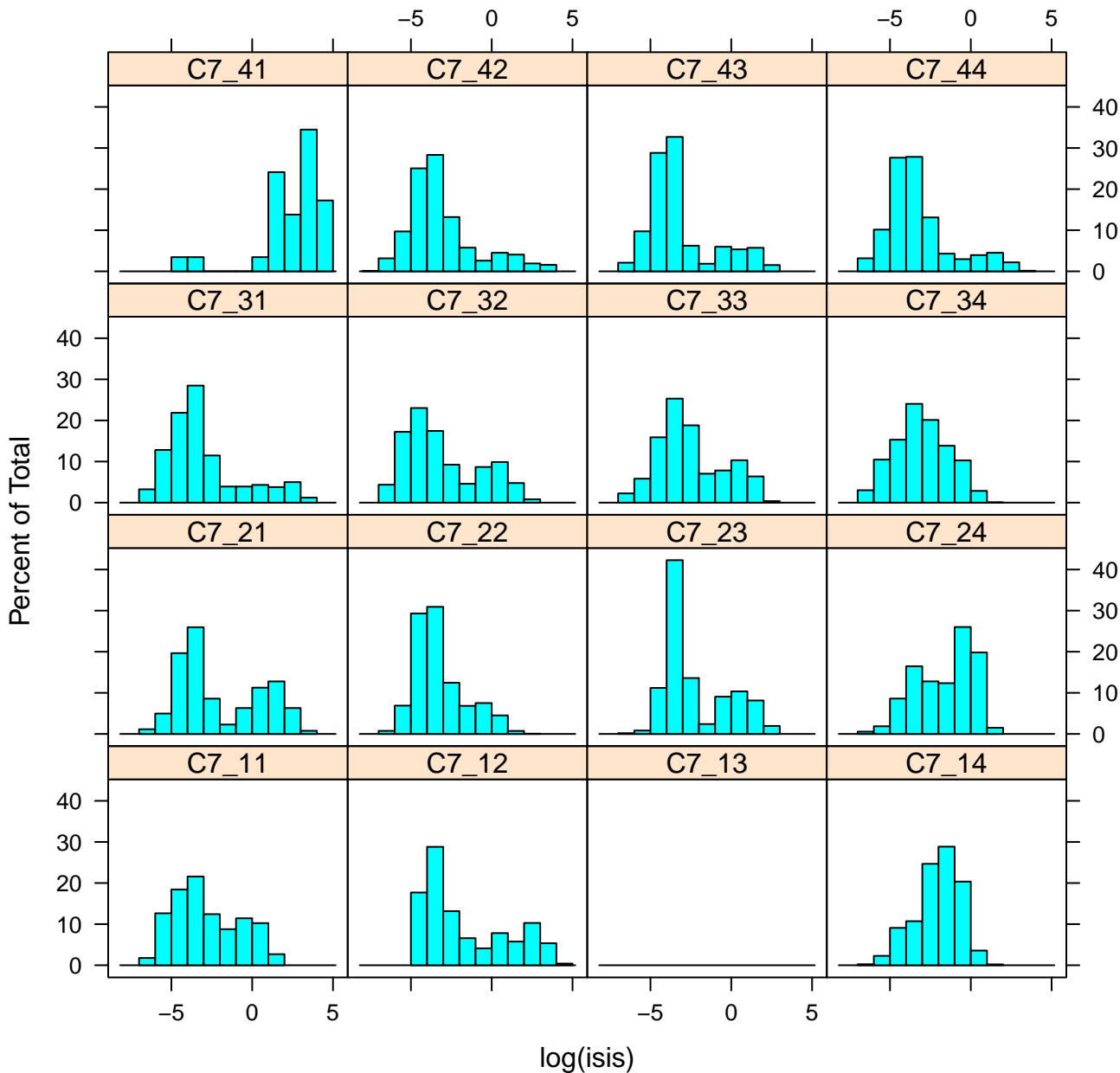
# log(ISIs) histogram plot for C5



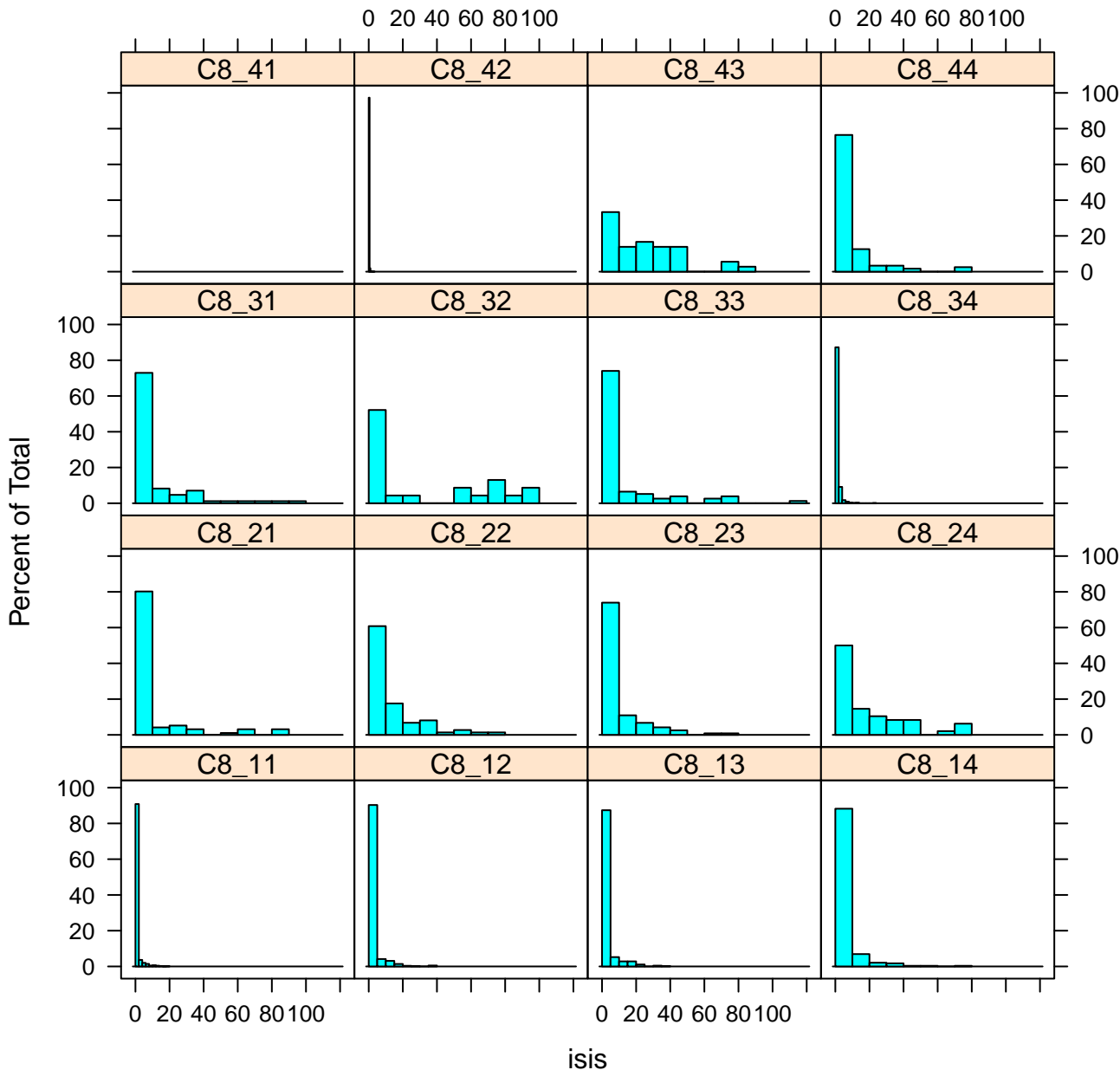
# ISIs histogram plot for C7



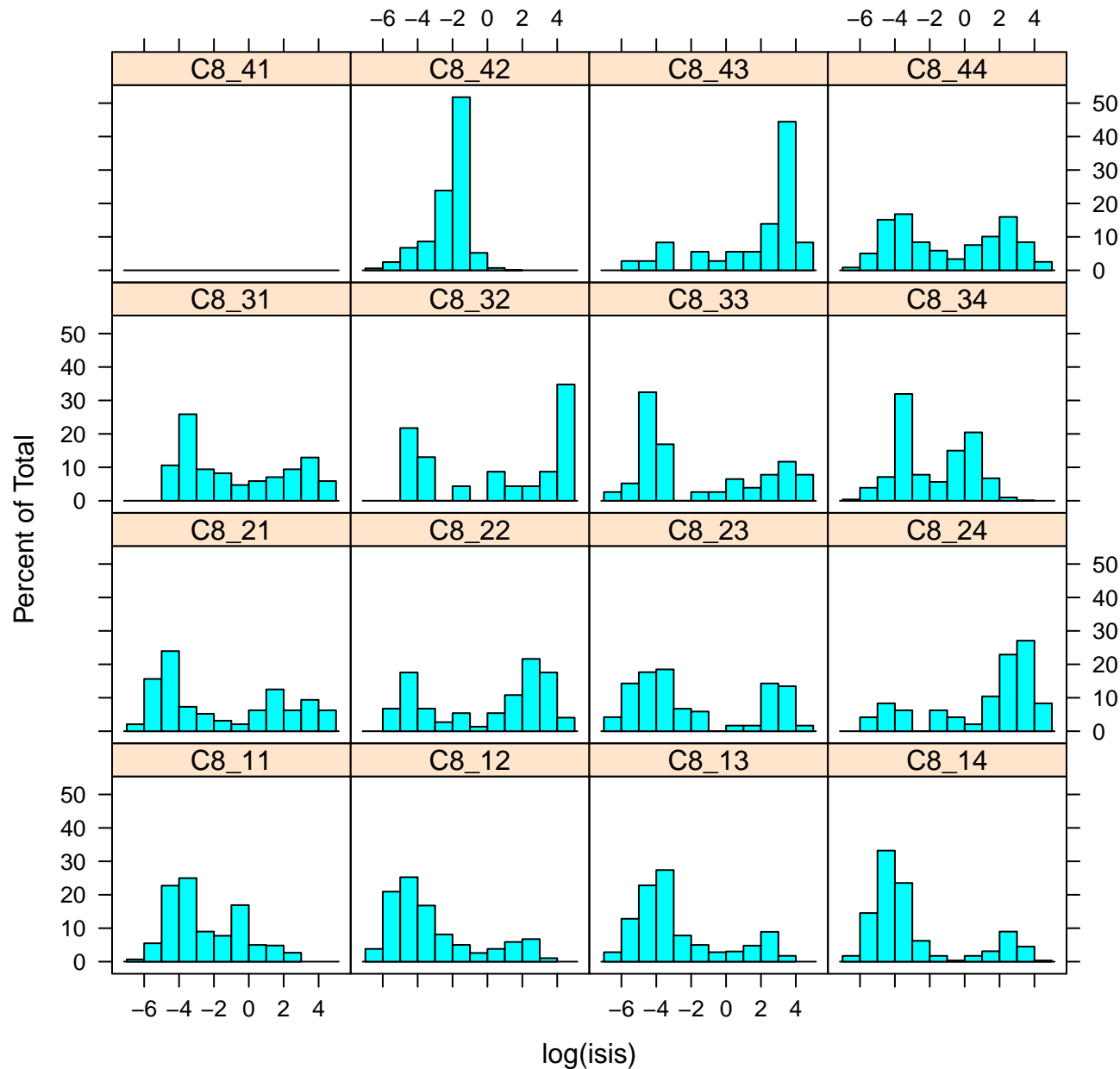
# log(ISIs) histogram plot for C7



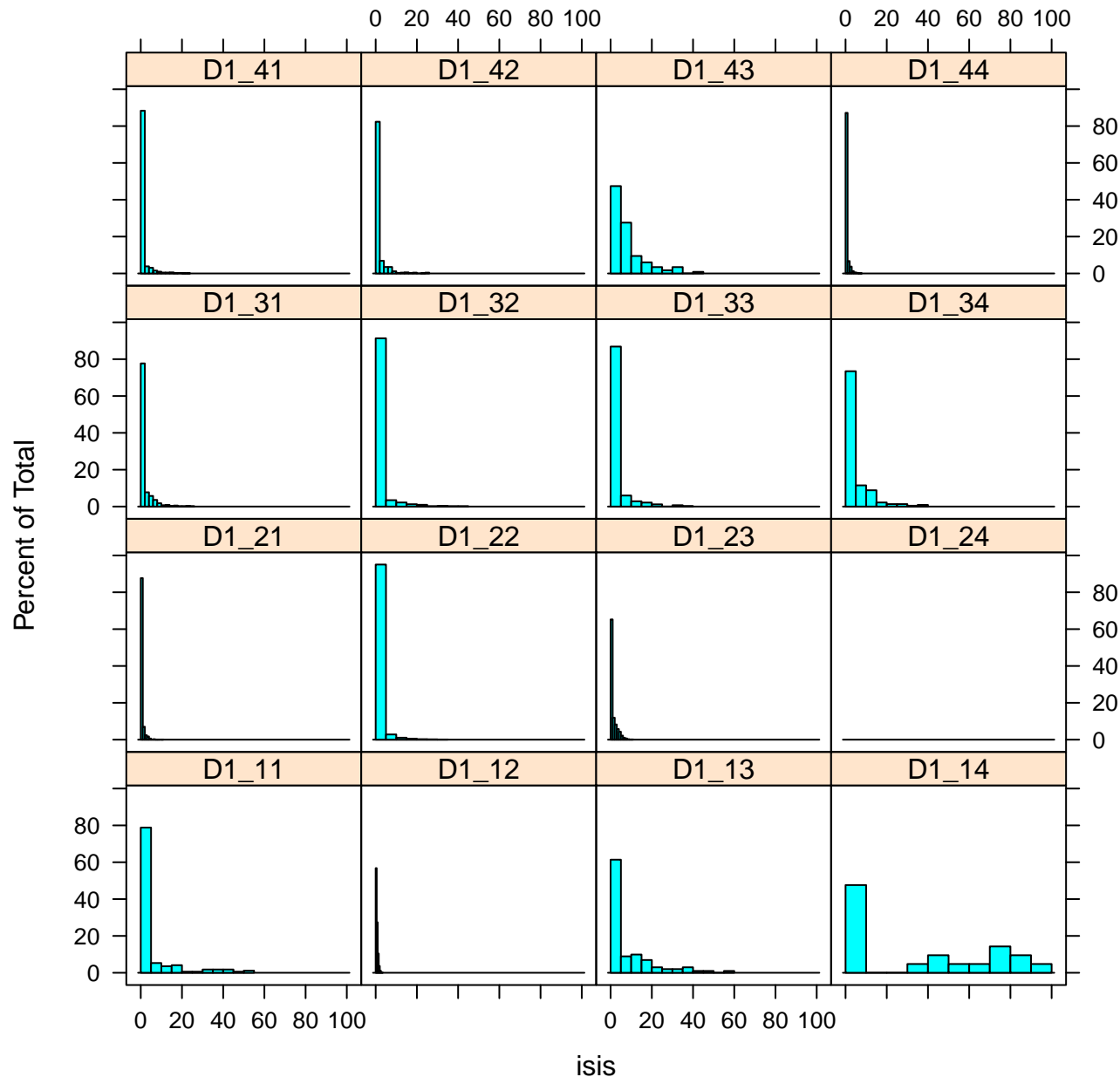
# ISIs histogram plot for C8



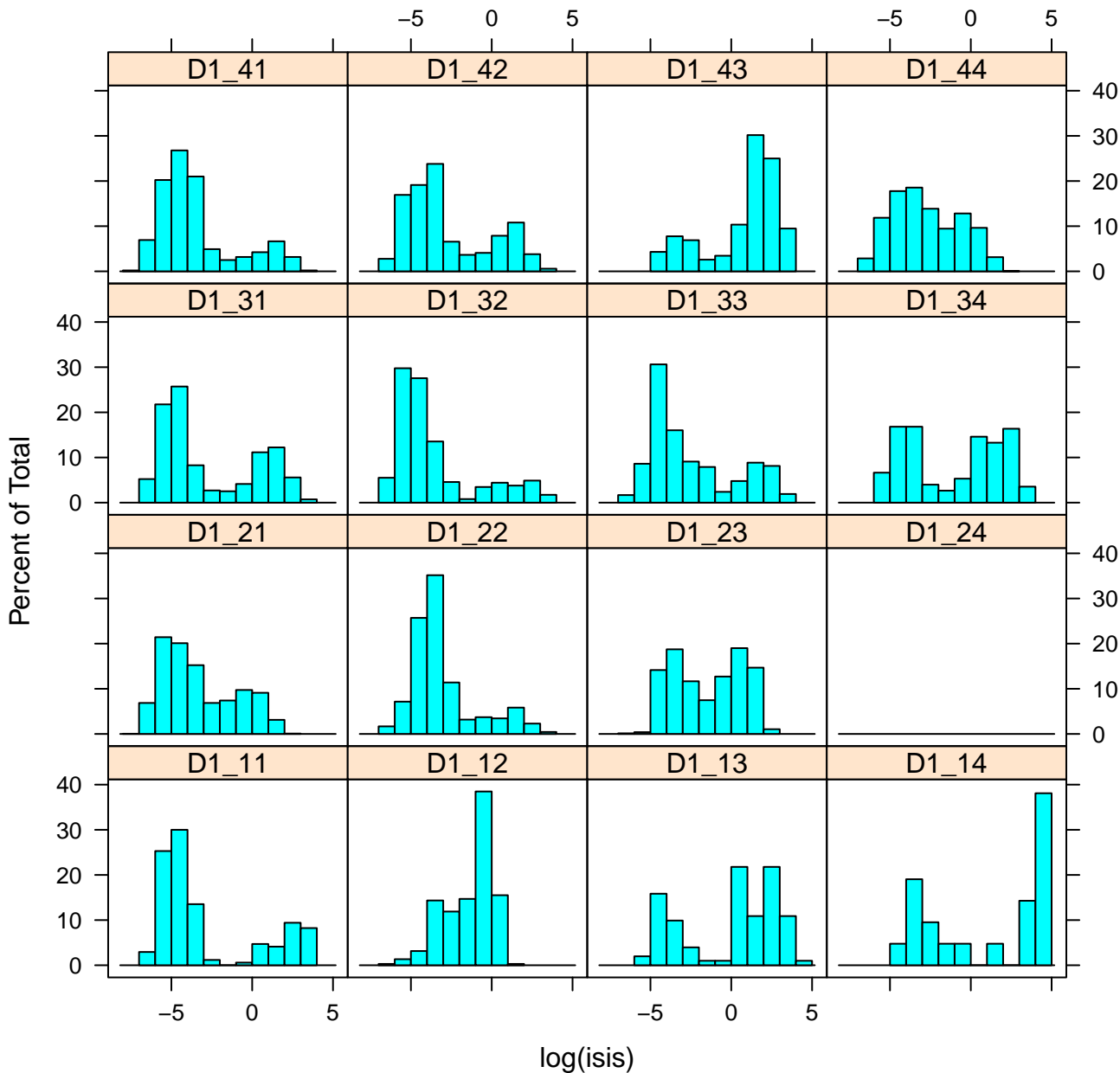
# log(ISIs) histogram plot for C8



# ISIs histogram plot for D1

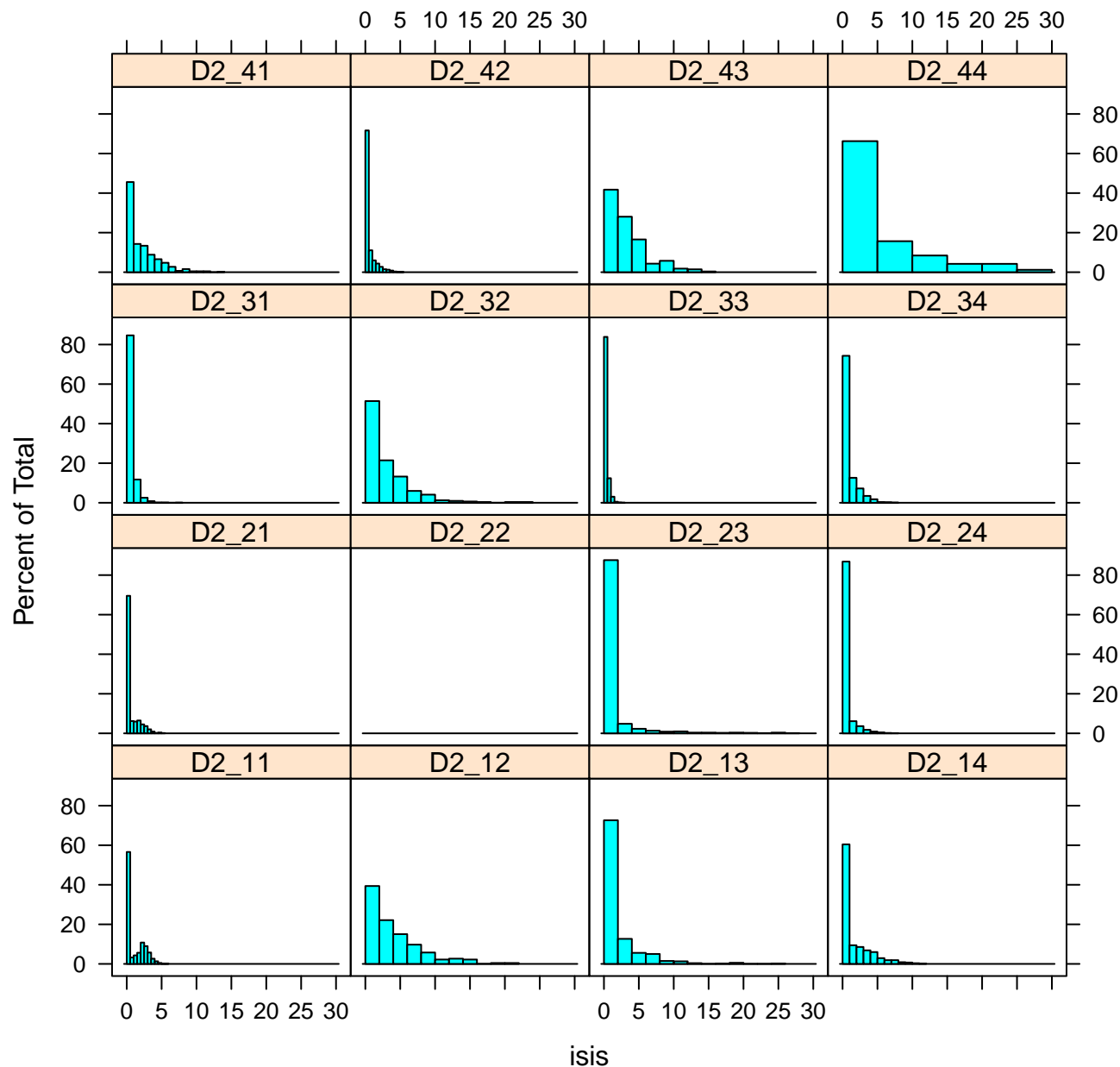


# log(ISIs) histogram plot for D1

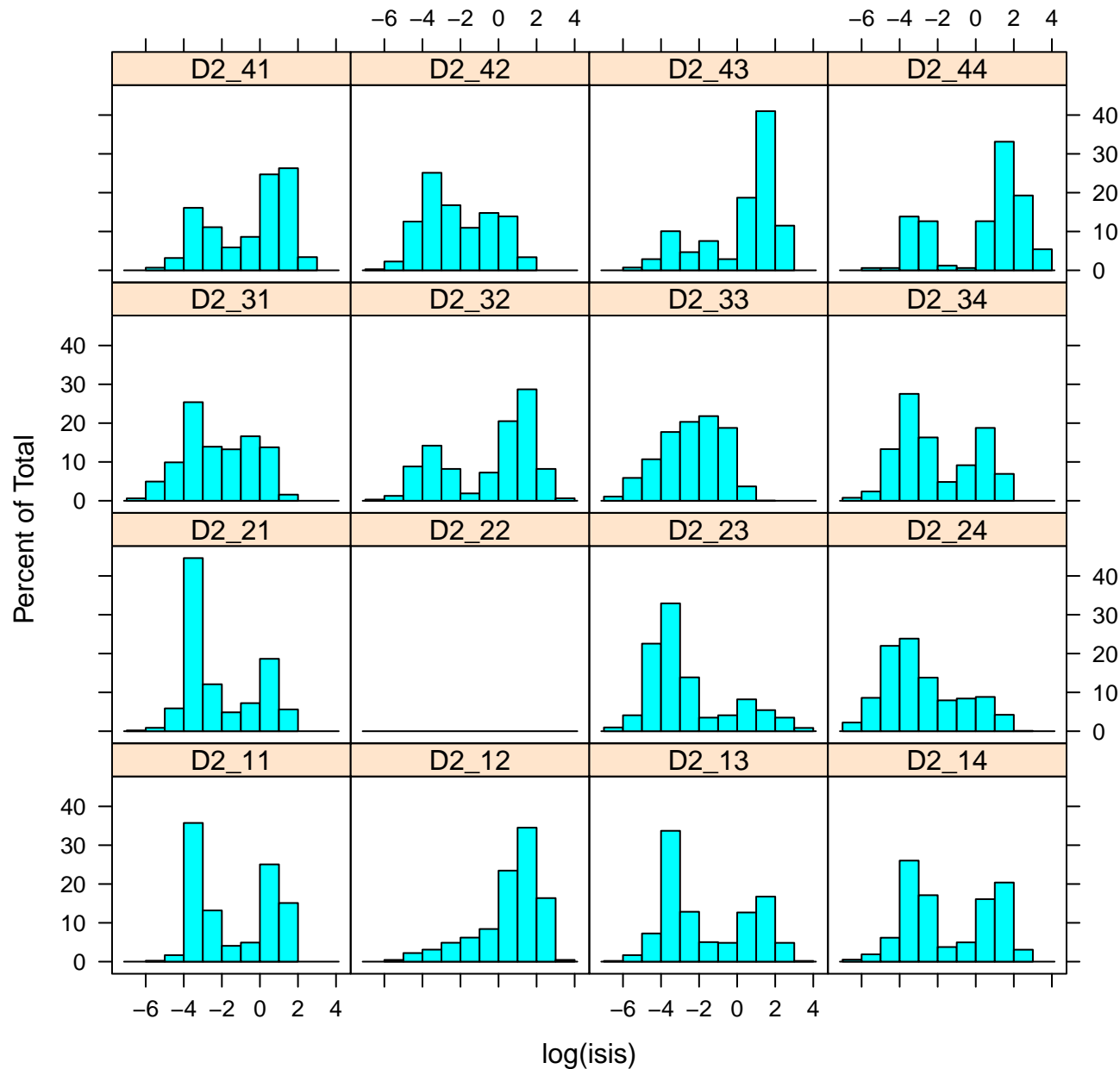




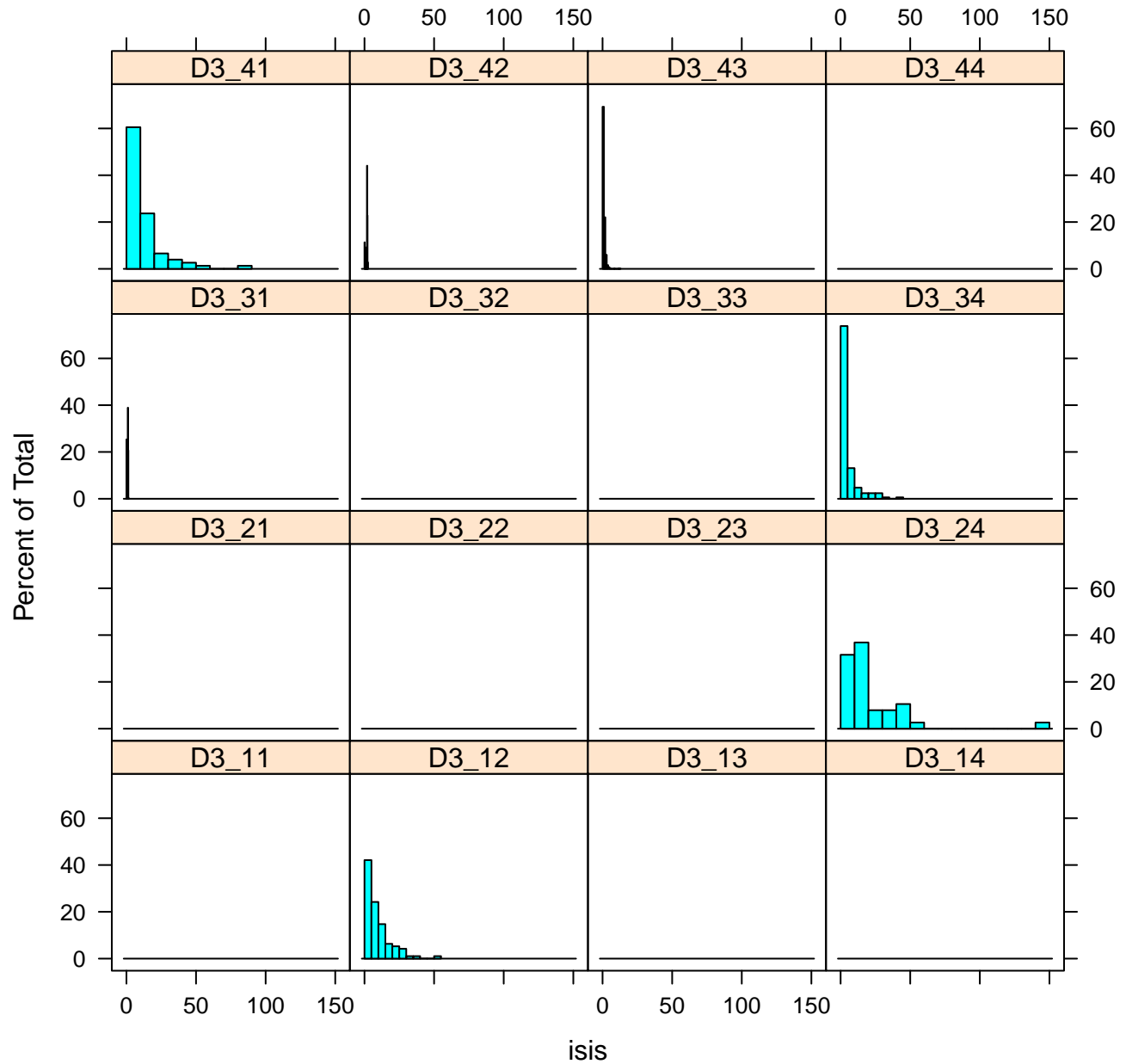
# ISIs histogram plot for D2



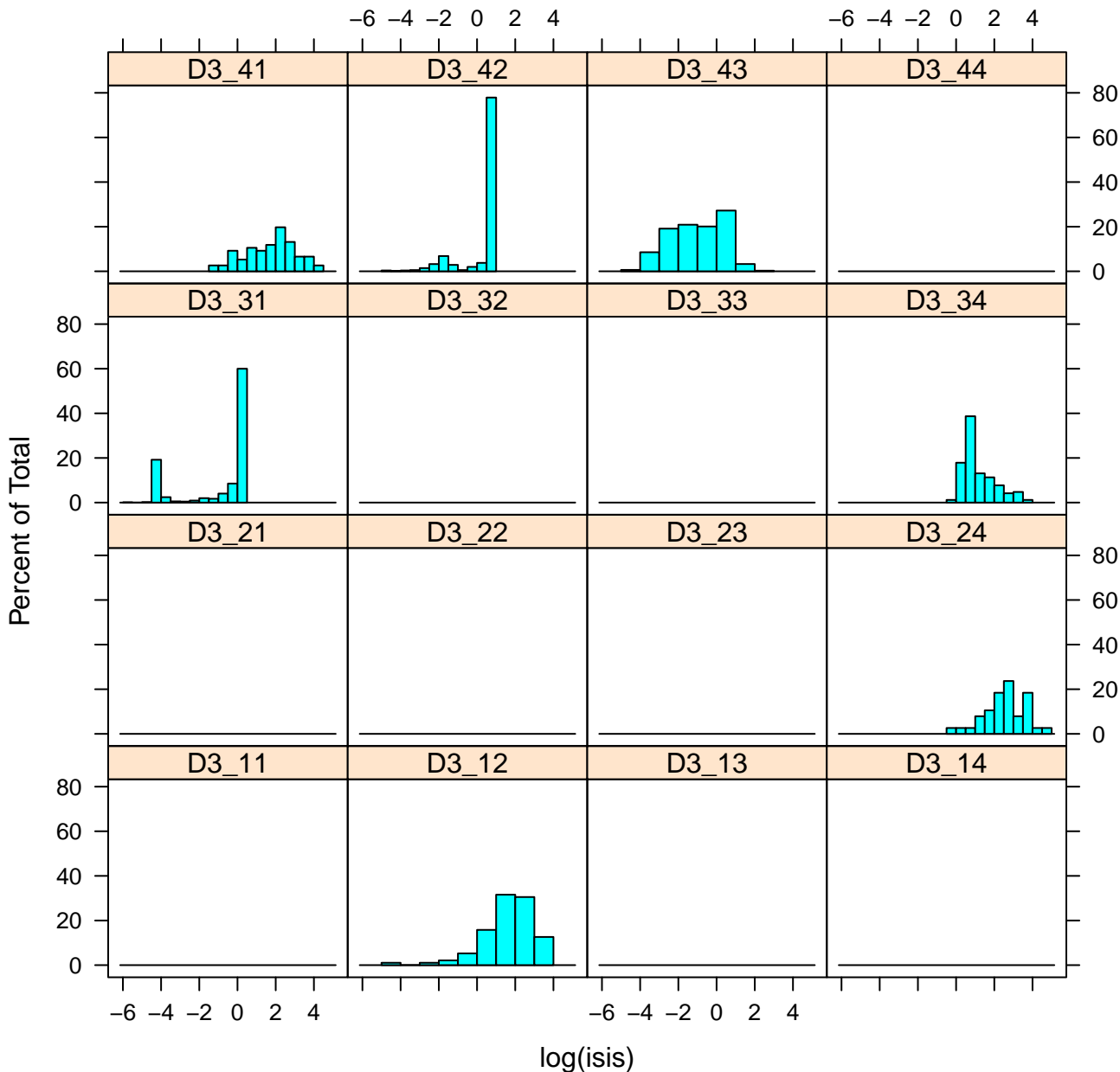
# log(ISIs) histogram plot for D2



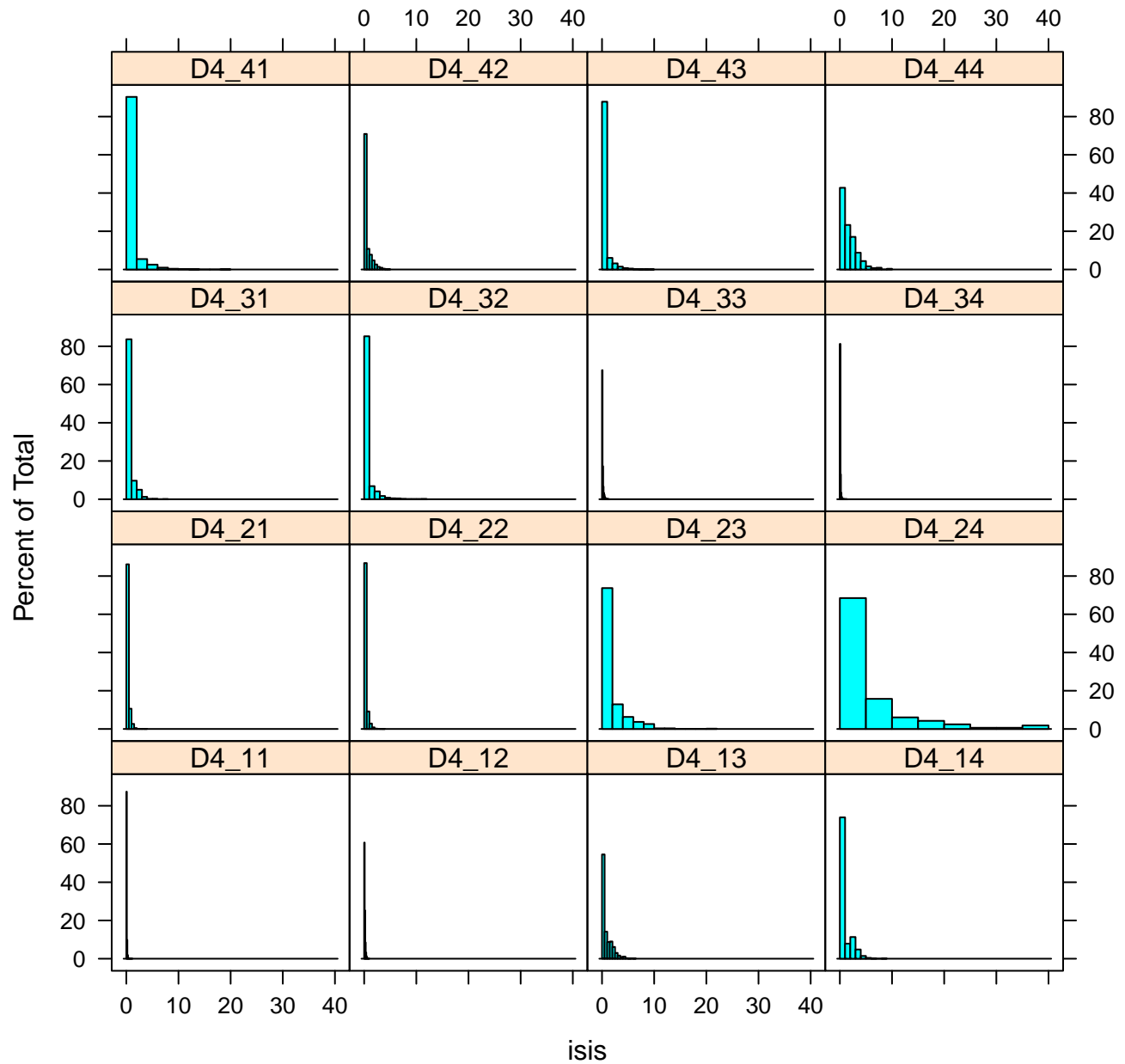
# ISIs histogram plot for D3



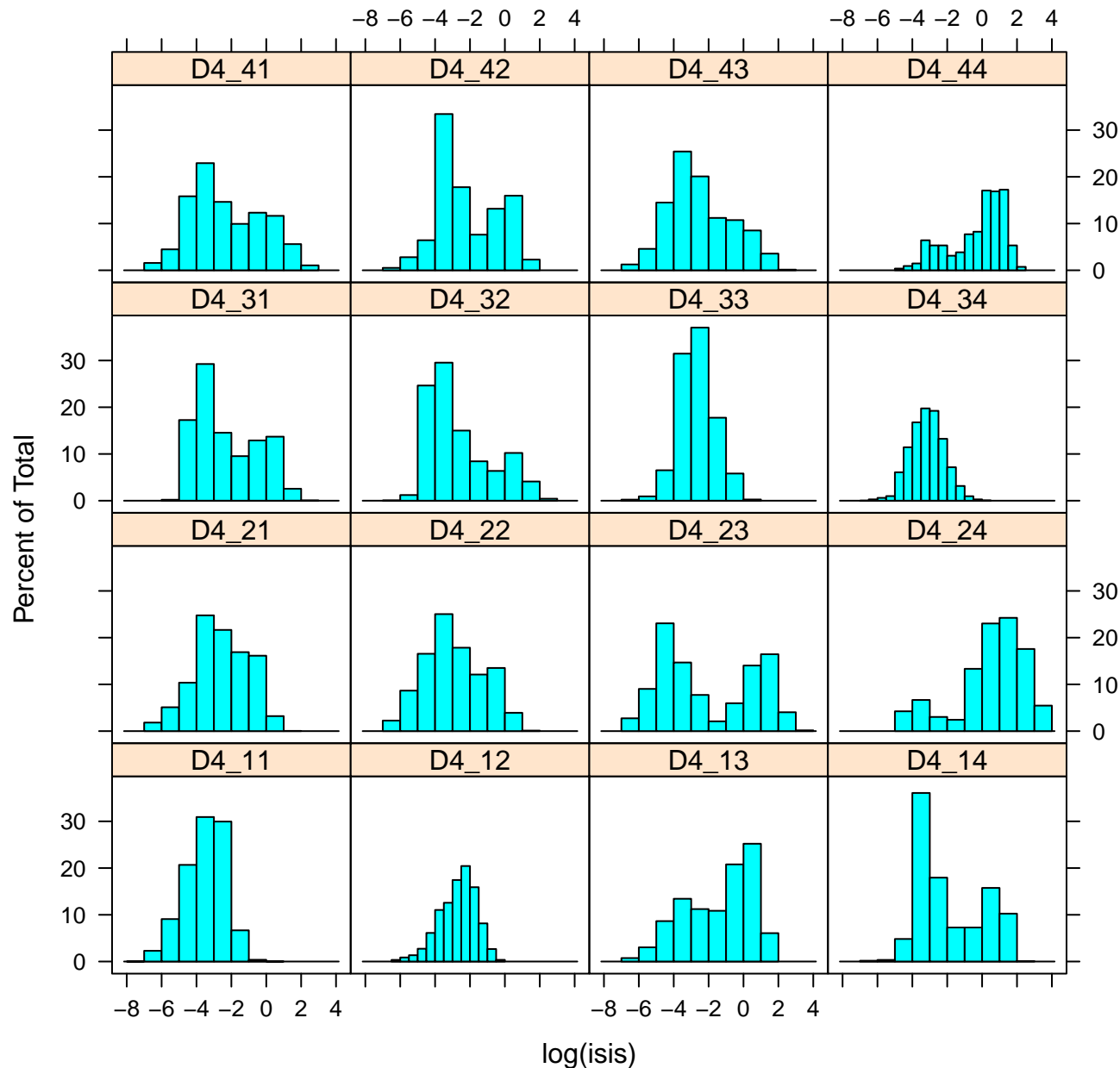
# log(ISIs) histogram plot for D3



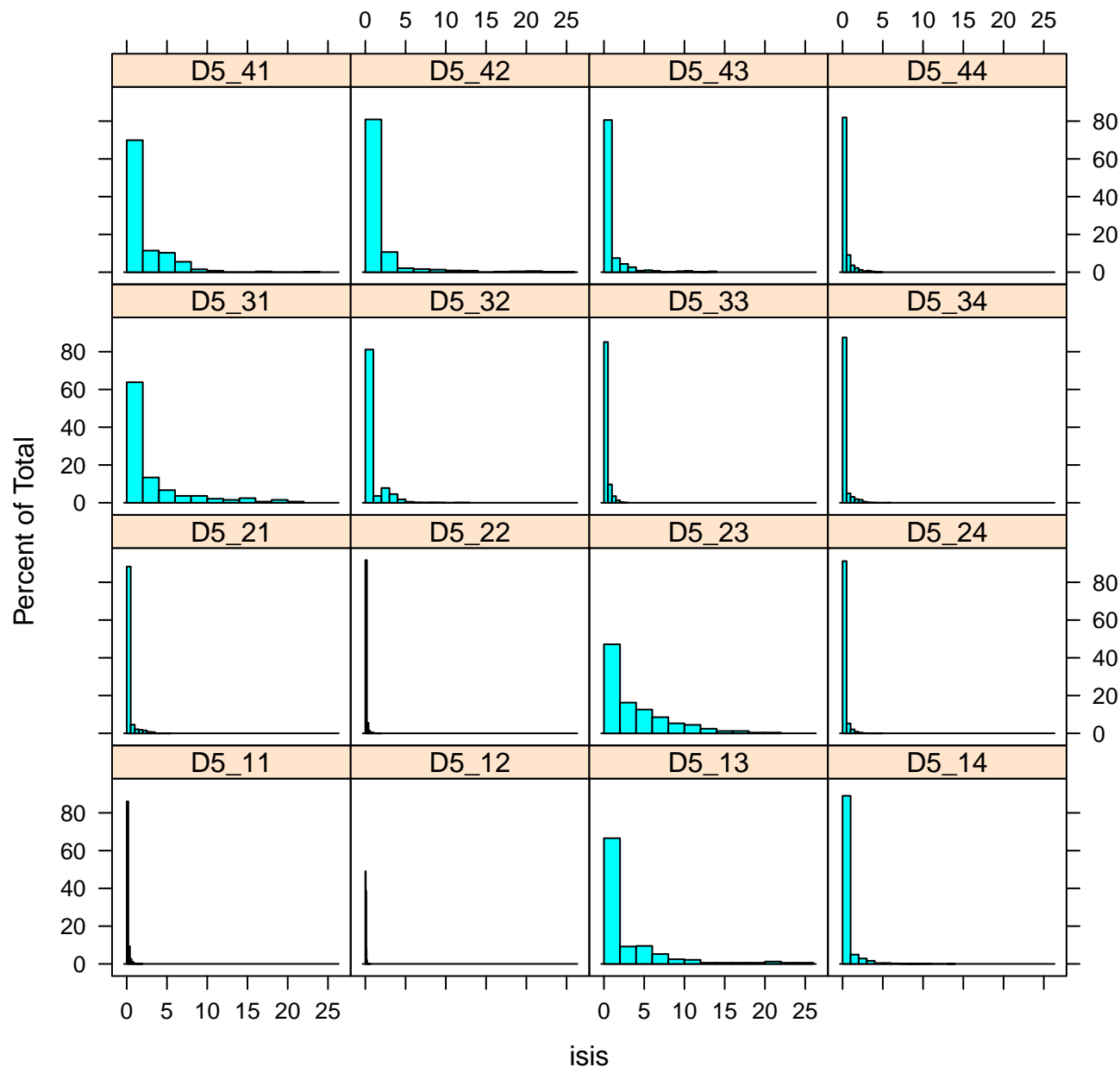
# ISIs histogram plot for D4



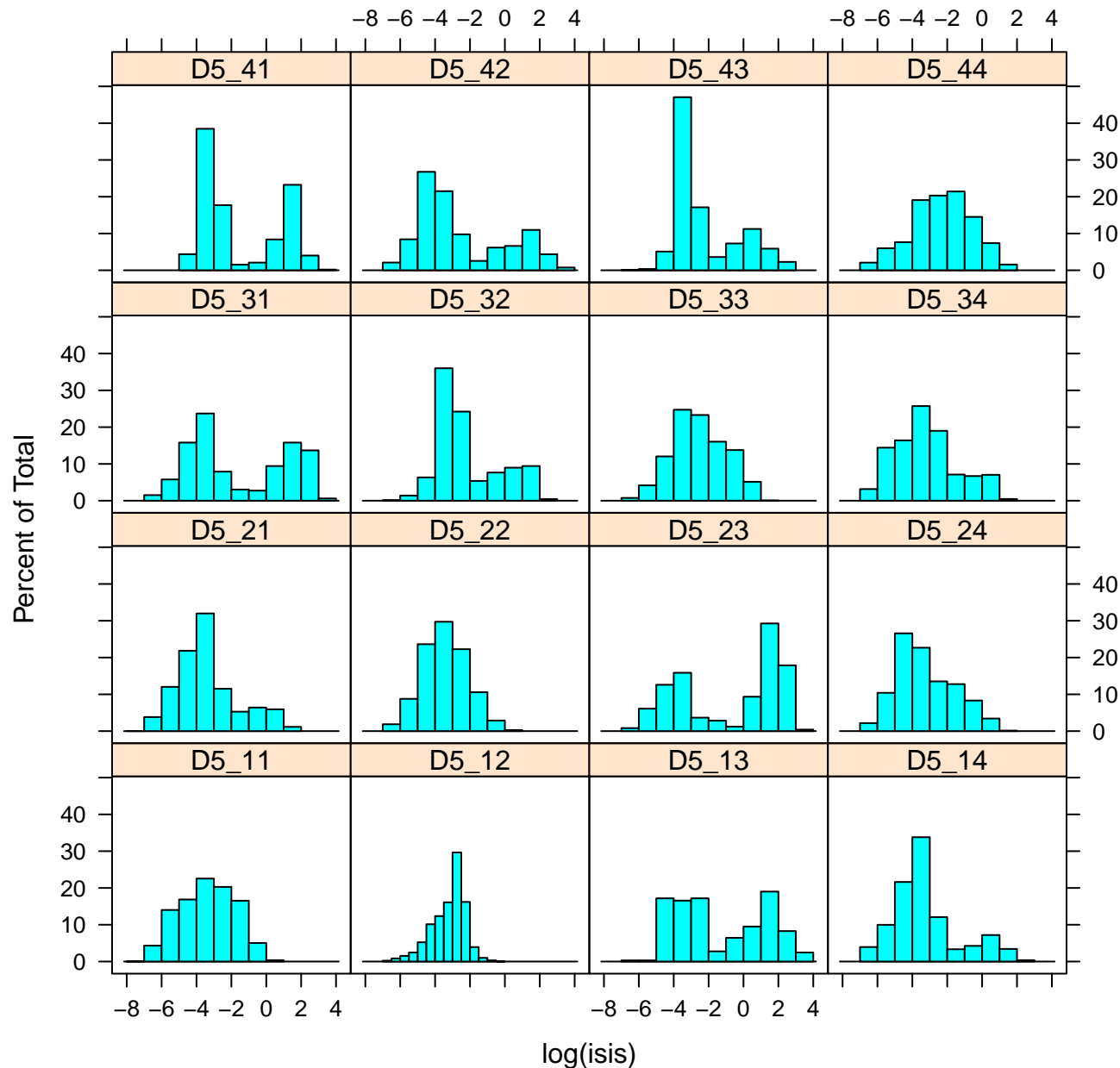
# log(ISIs) histogram plot for D4



# ISIs histogram plot for D5

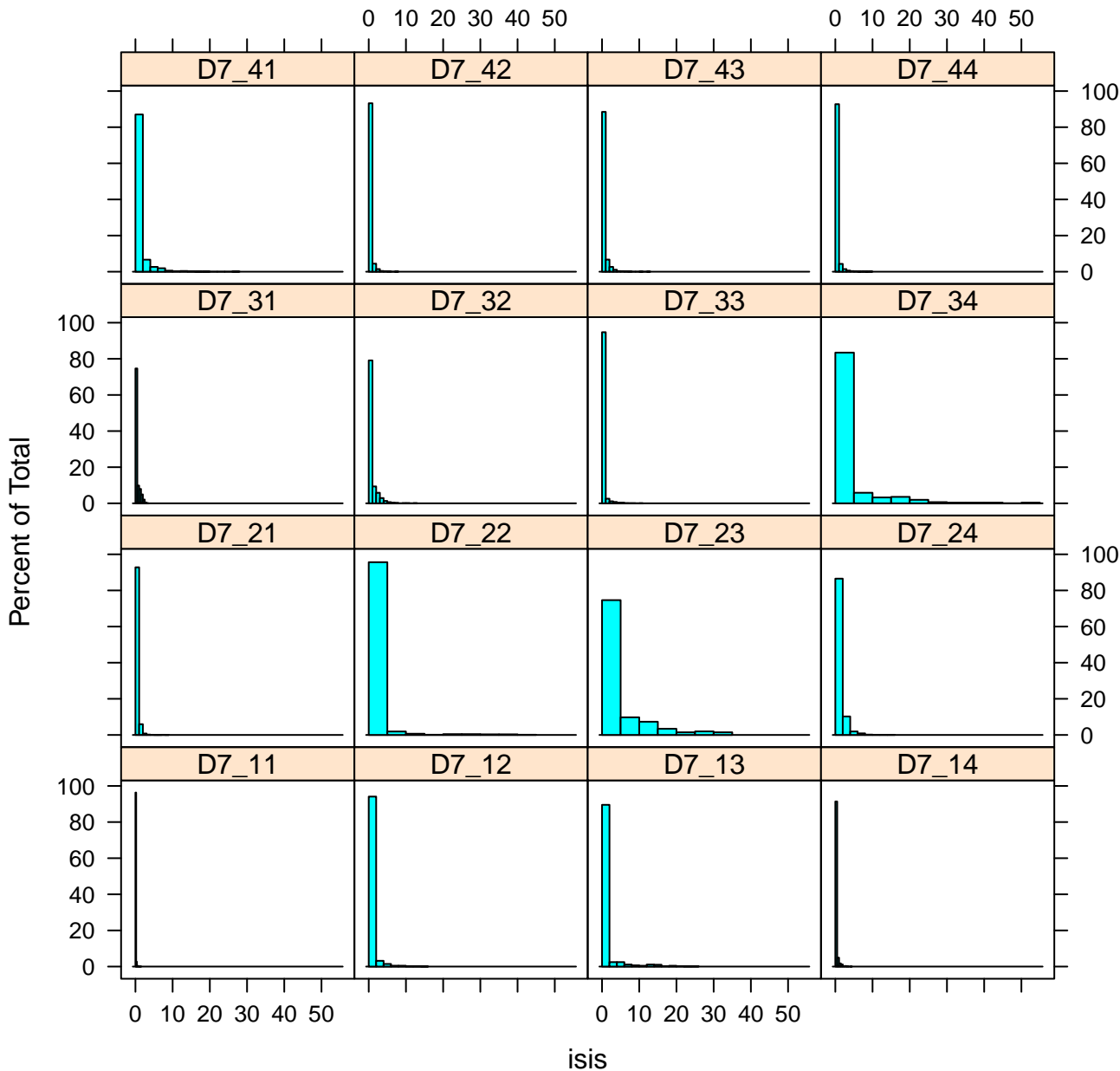


# log(ISIs) histogram plot for D5

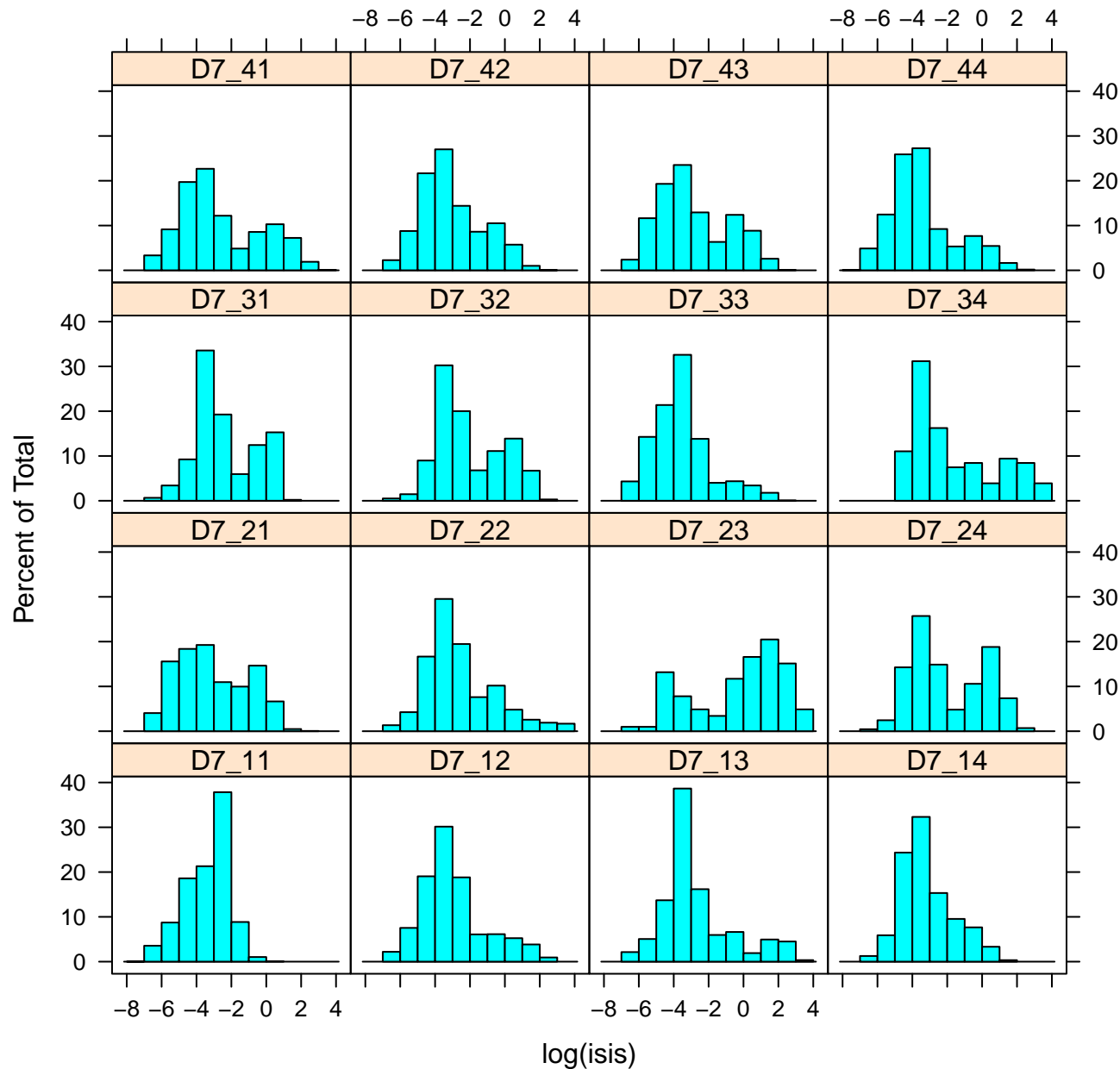




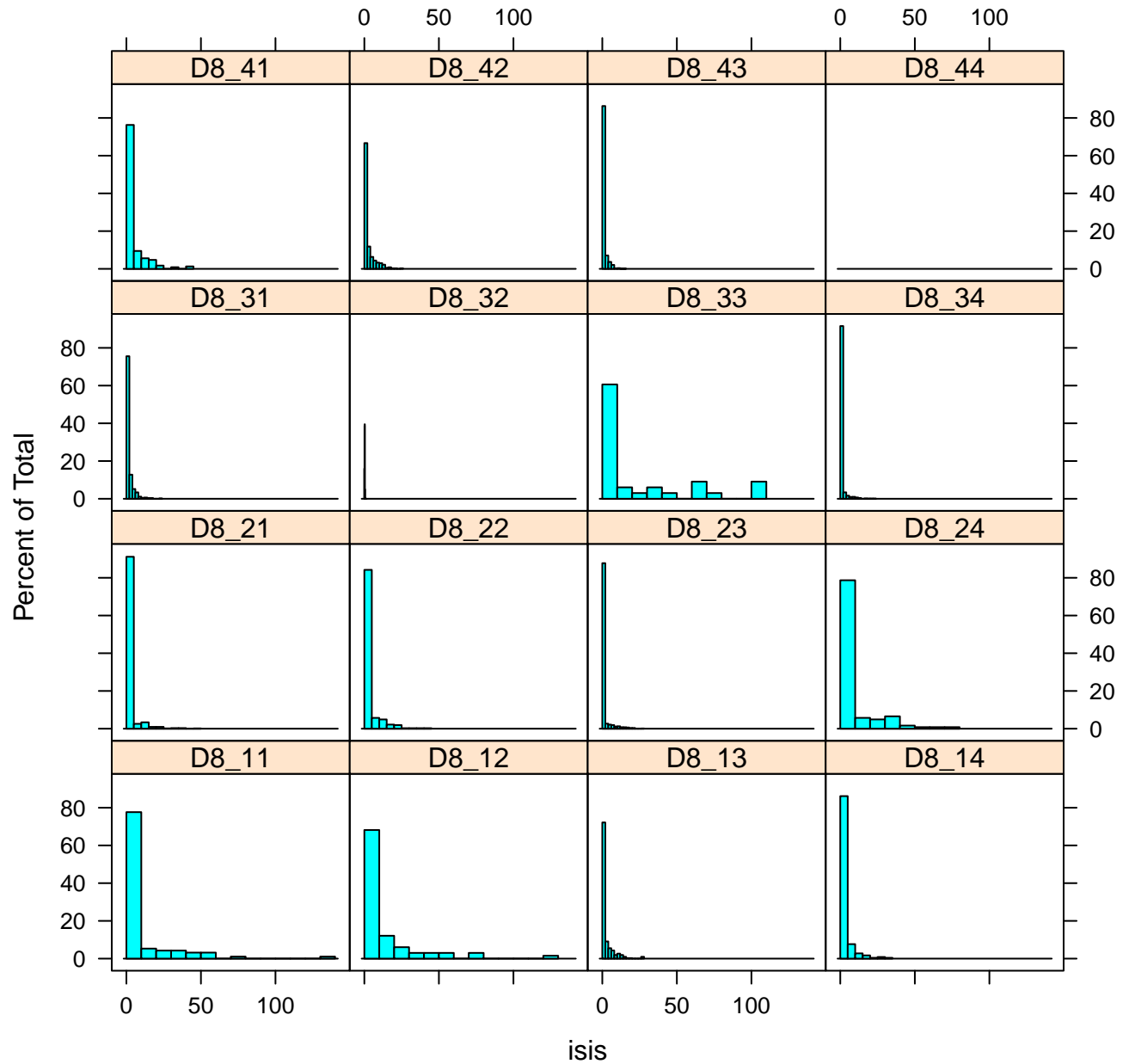
# ISIs histogram plot for D7



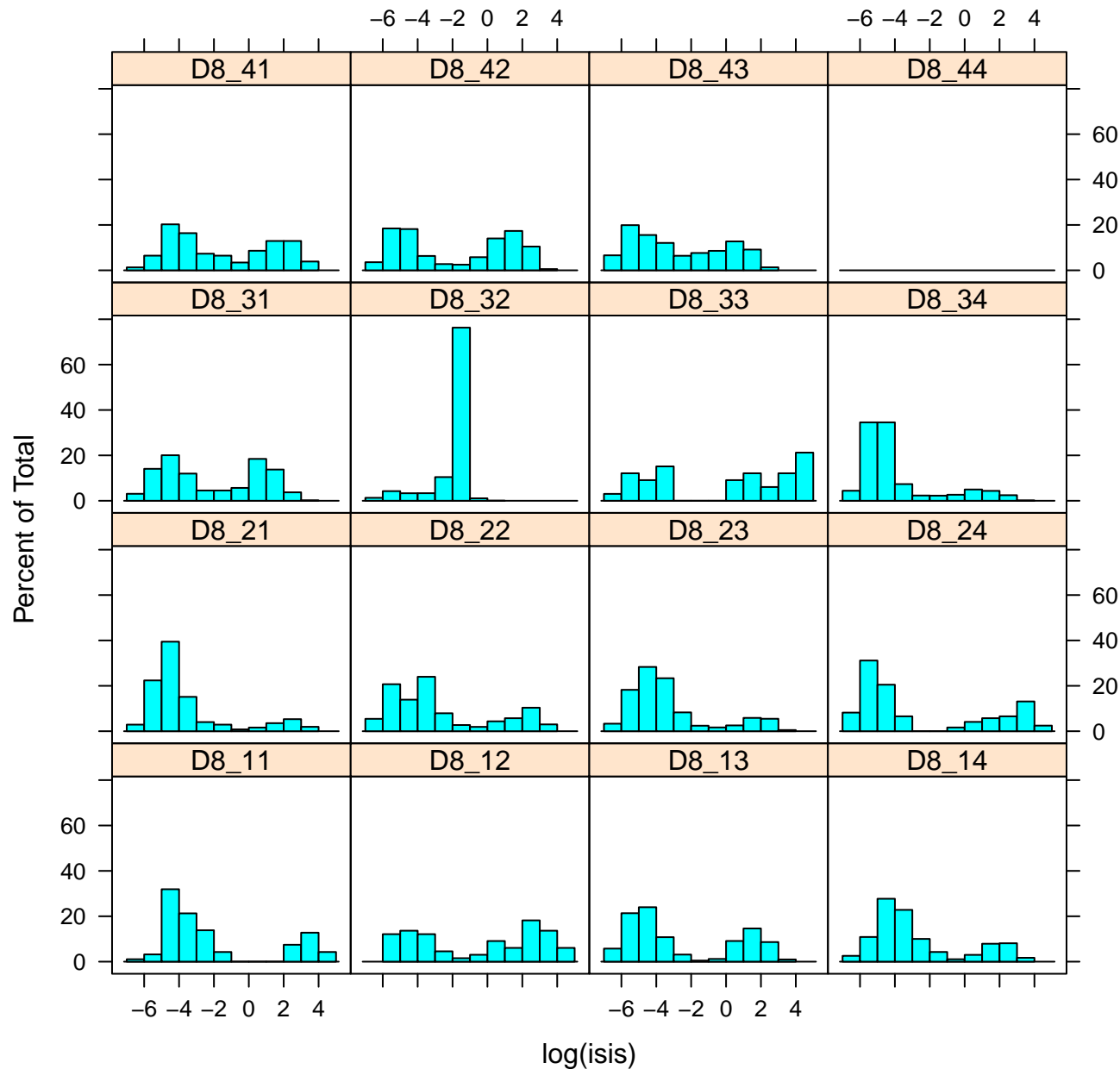
# log(ISIs) histogram plot for D7



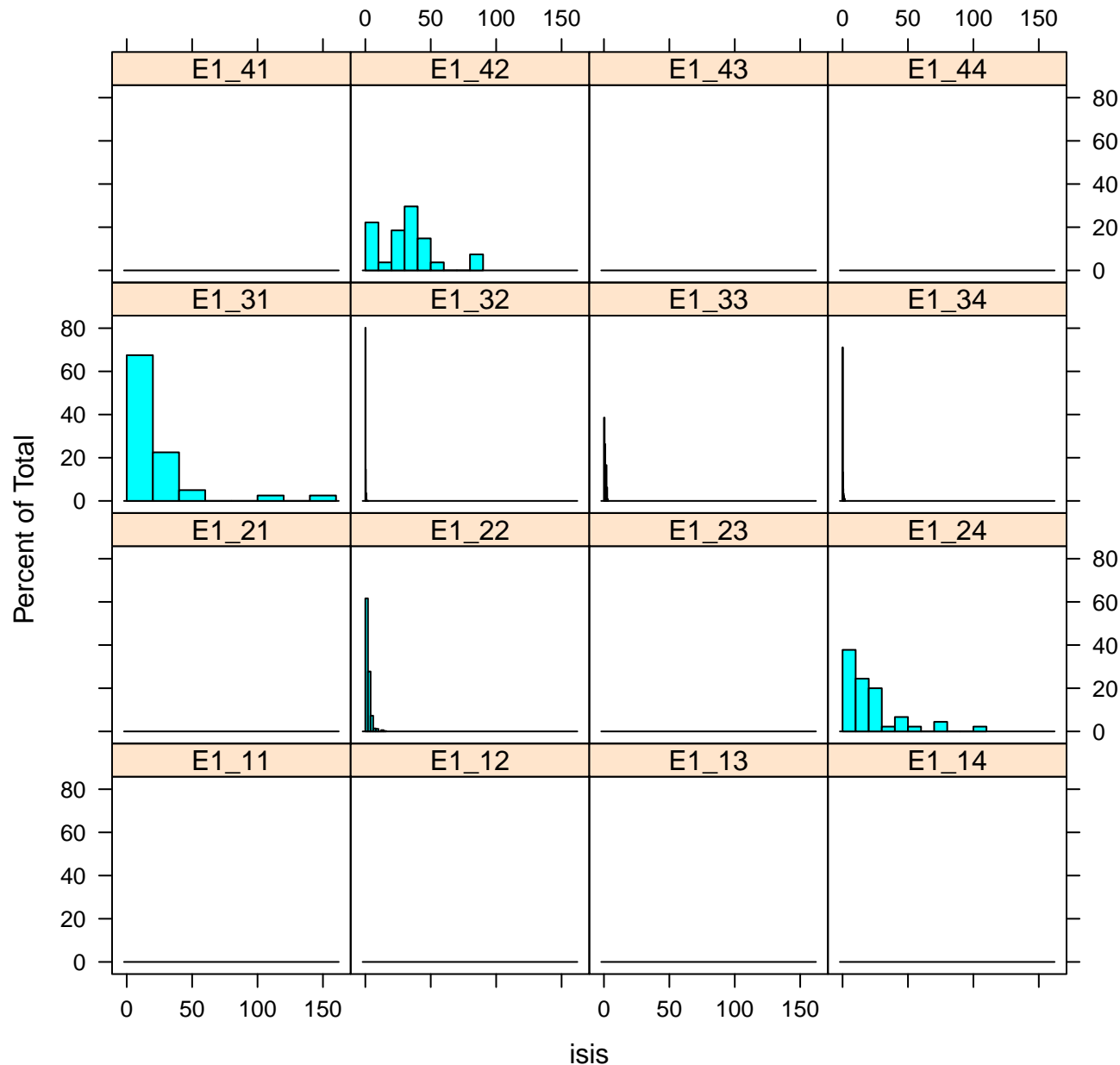
# ISIs histogram plot for D8



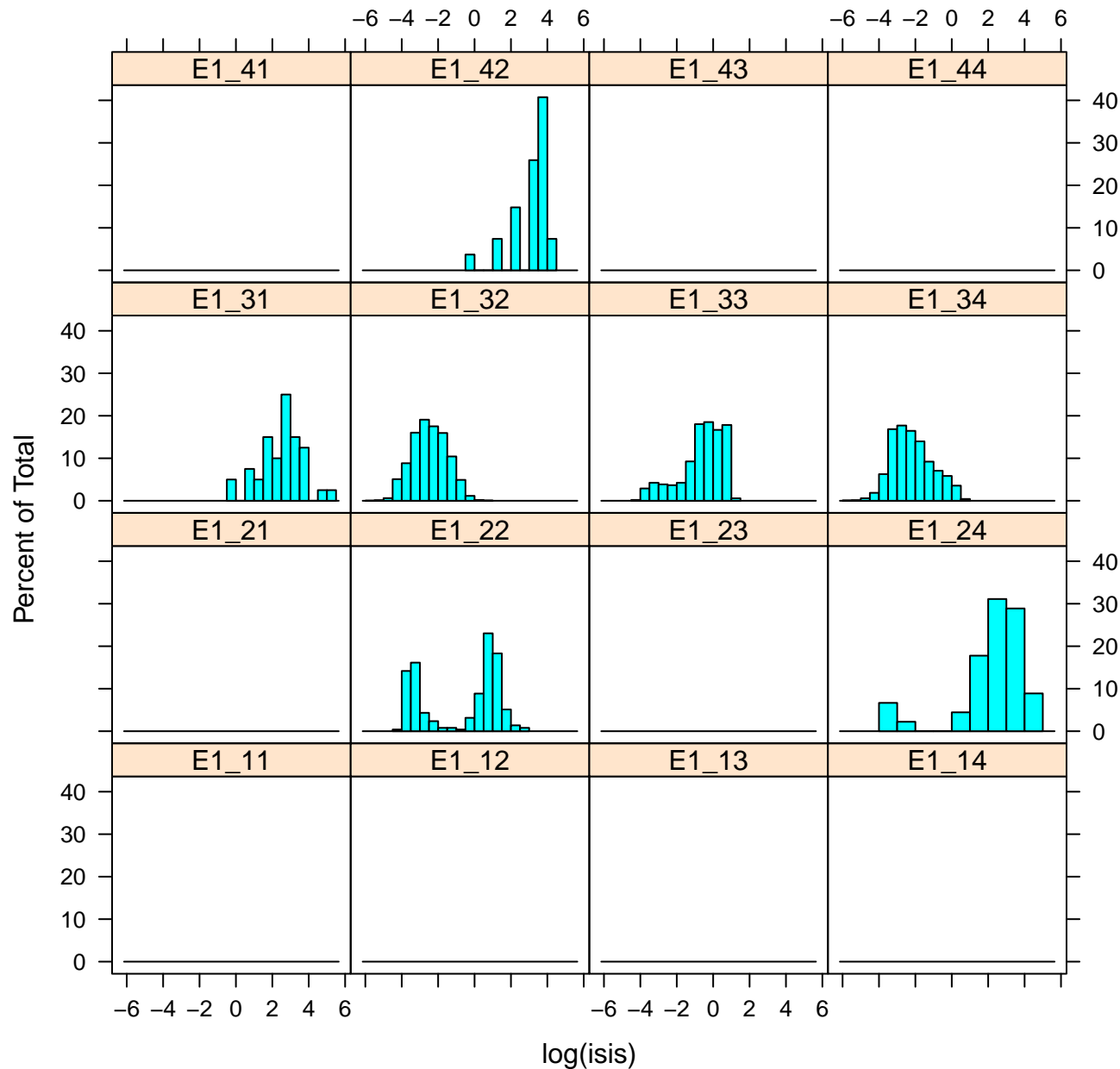
# log(ISIs) histogram plot for D8



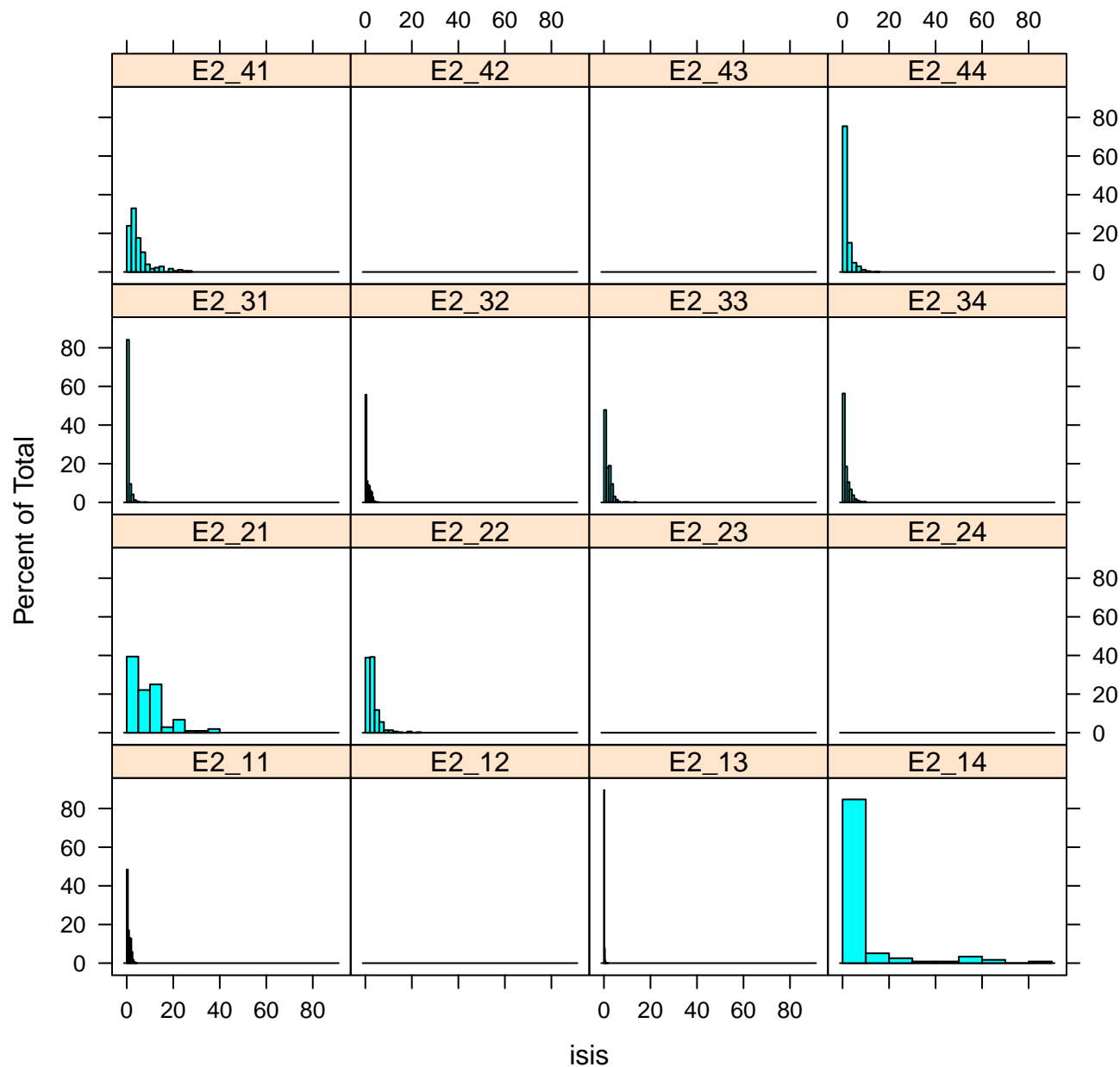
# ISIs histogram plot for E1



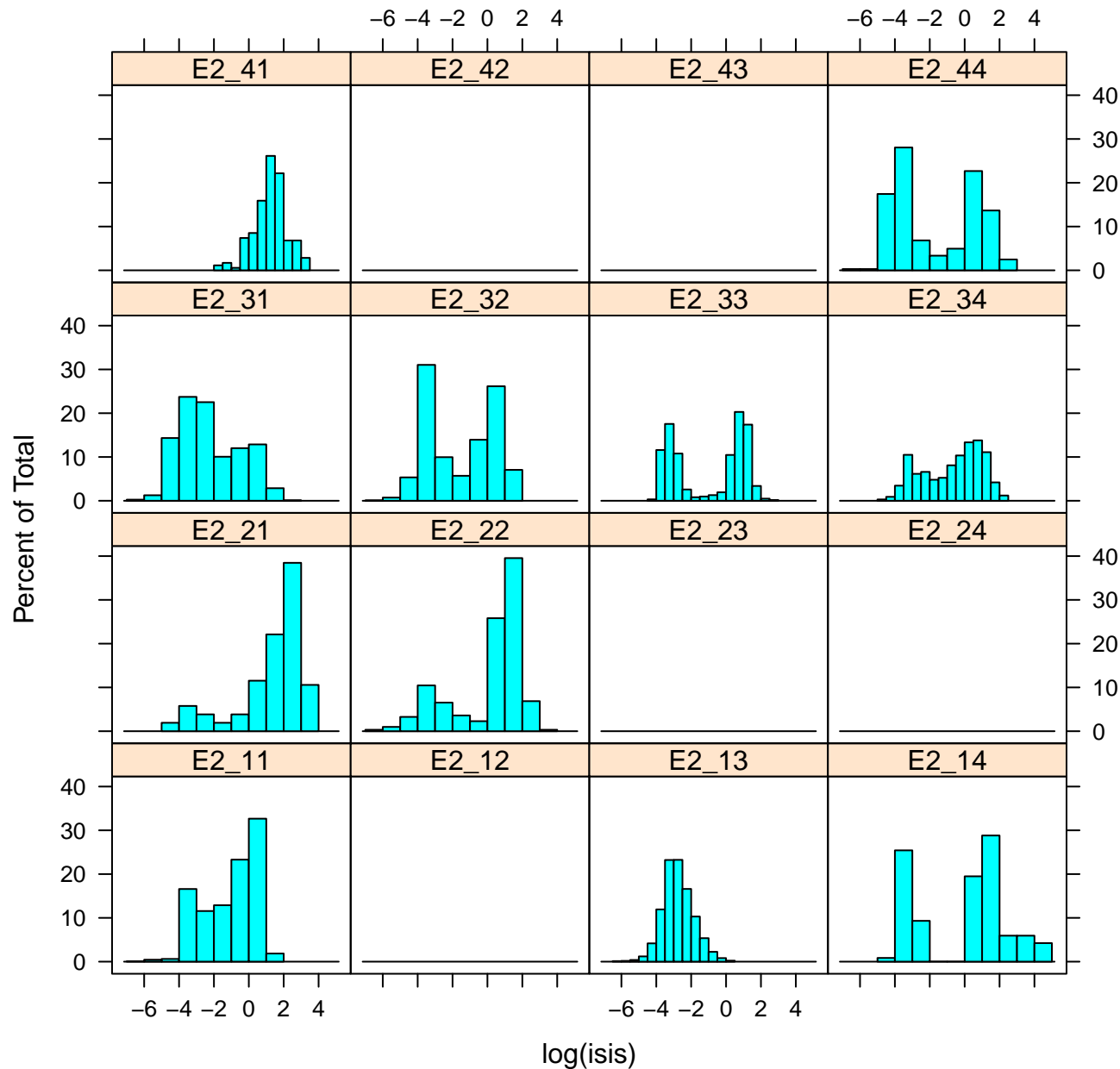
# log(ISIs) histogram plot for E1



ISIs histogram plot for E2

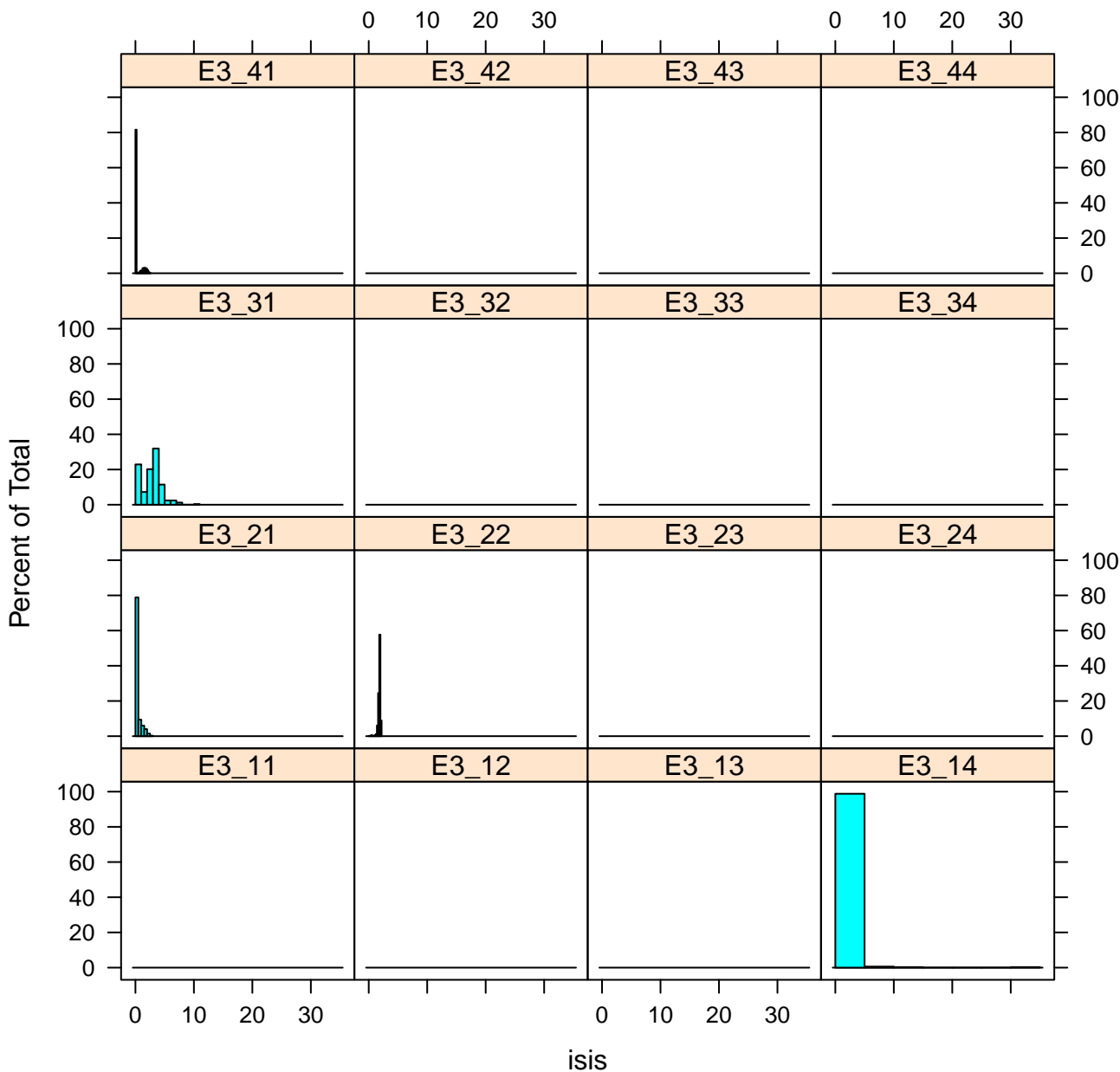


# log(ISIs) histogram plot for E2

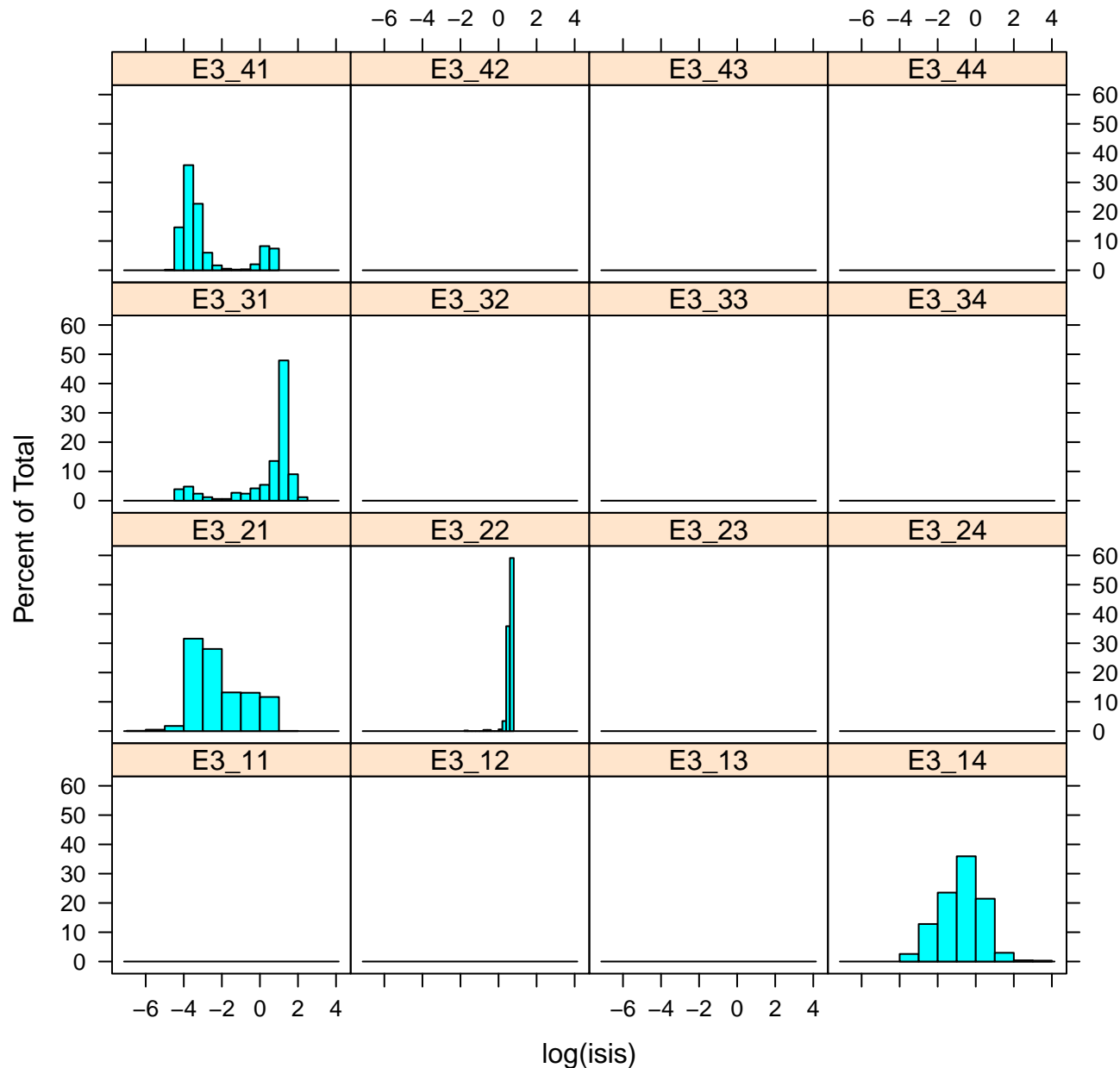




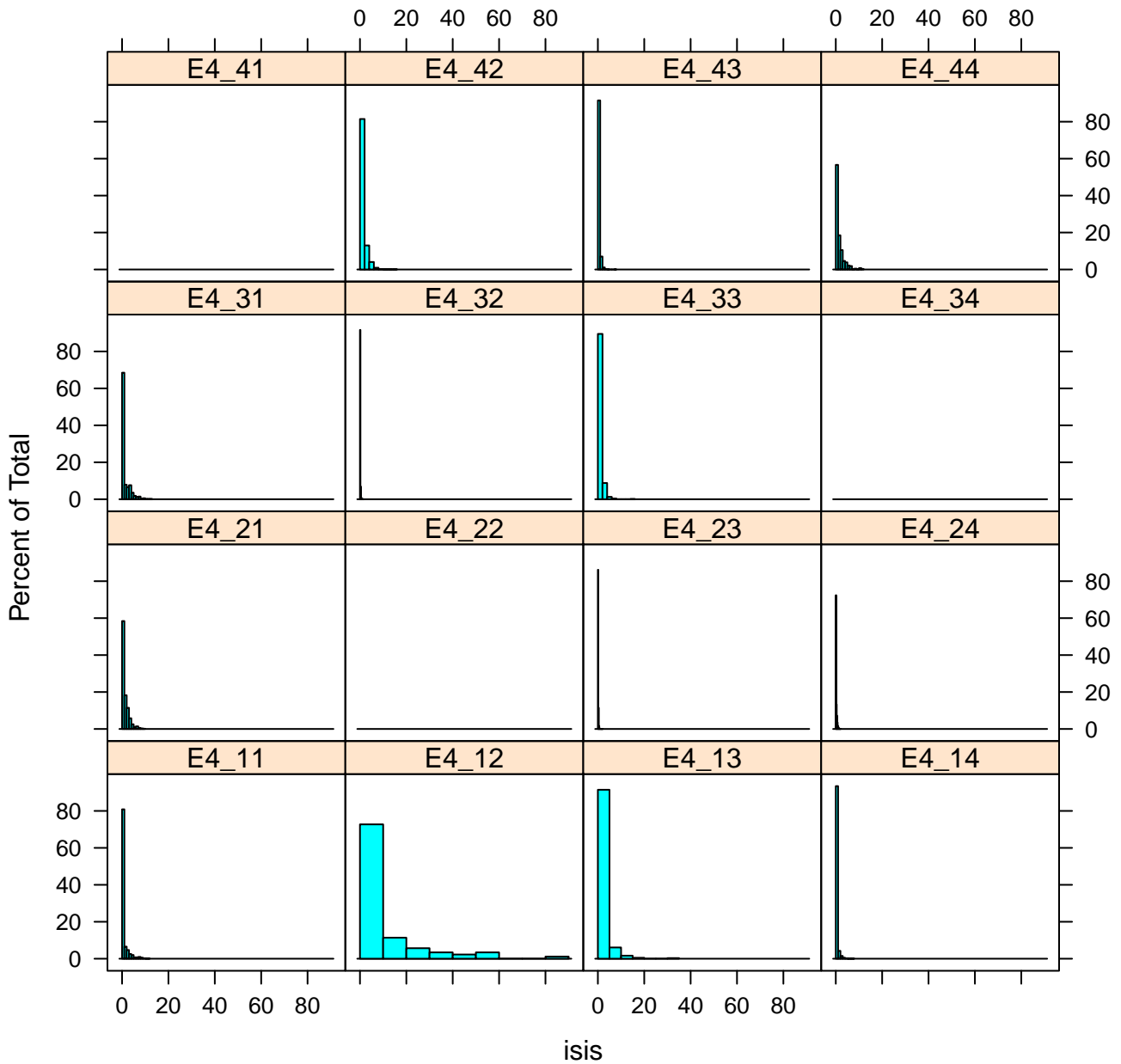
# ISIs histogram plot for E3



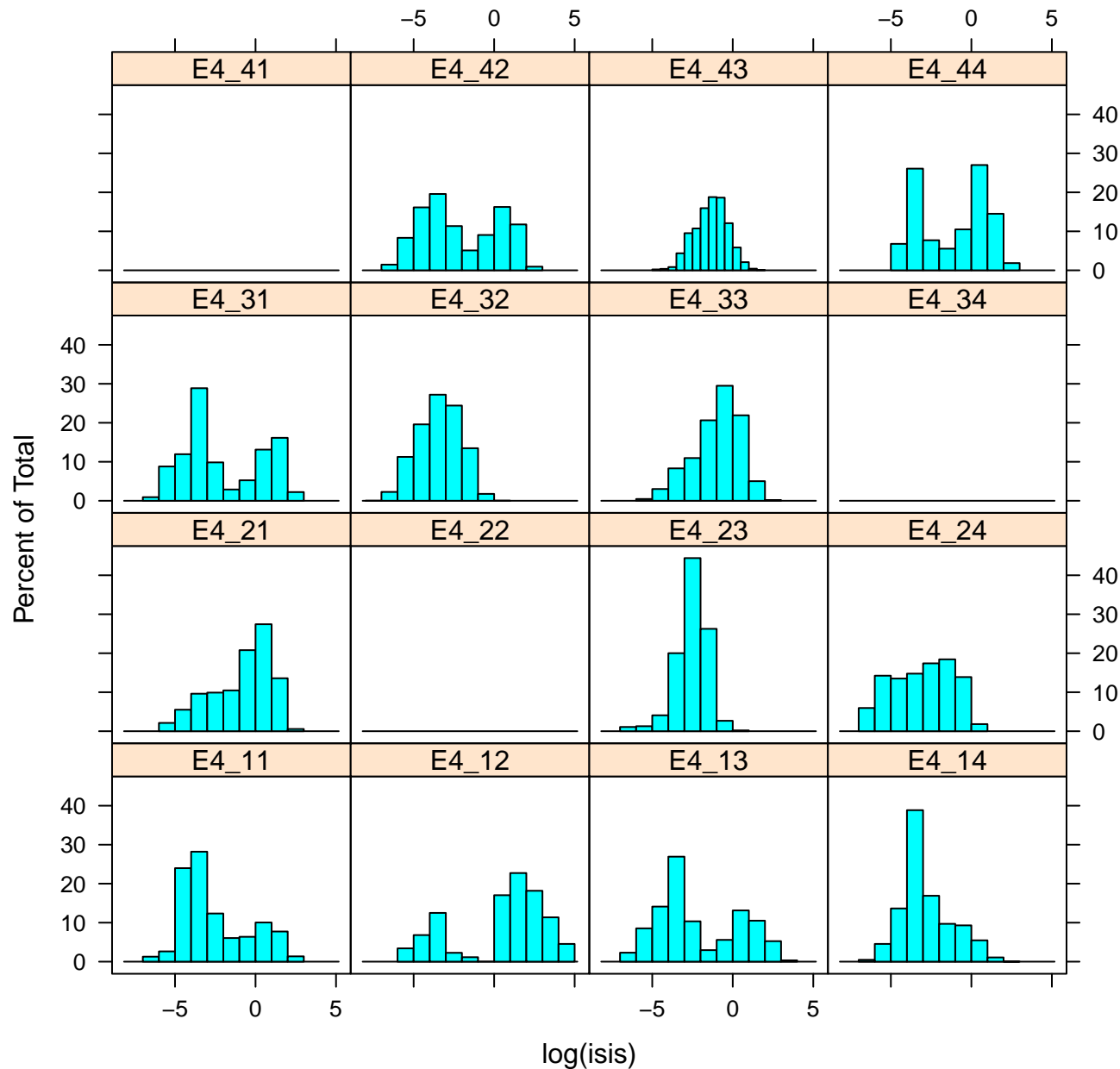
# log(ISIs) histogram plot for E3



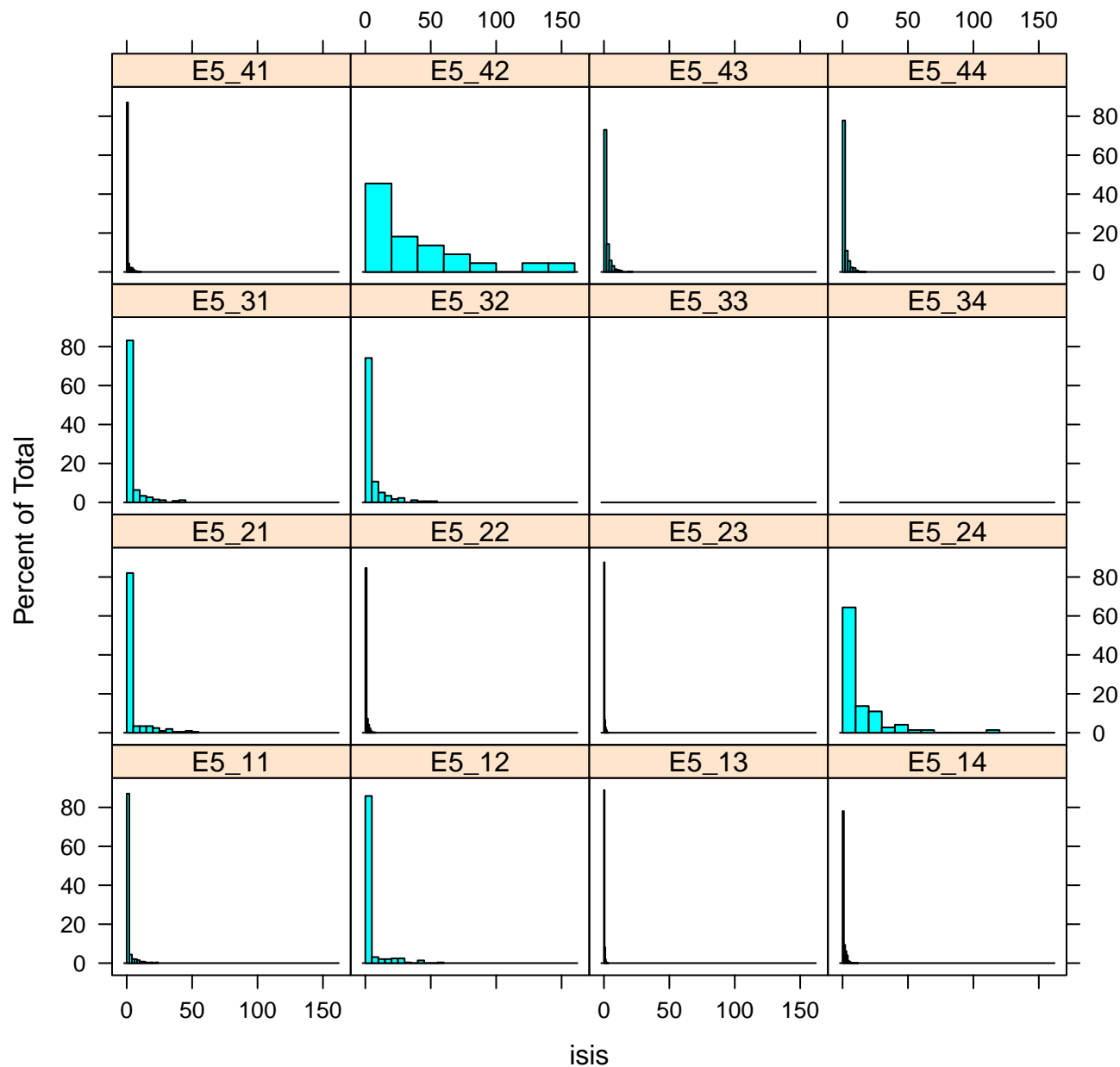
ISIs histogram plot for E4



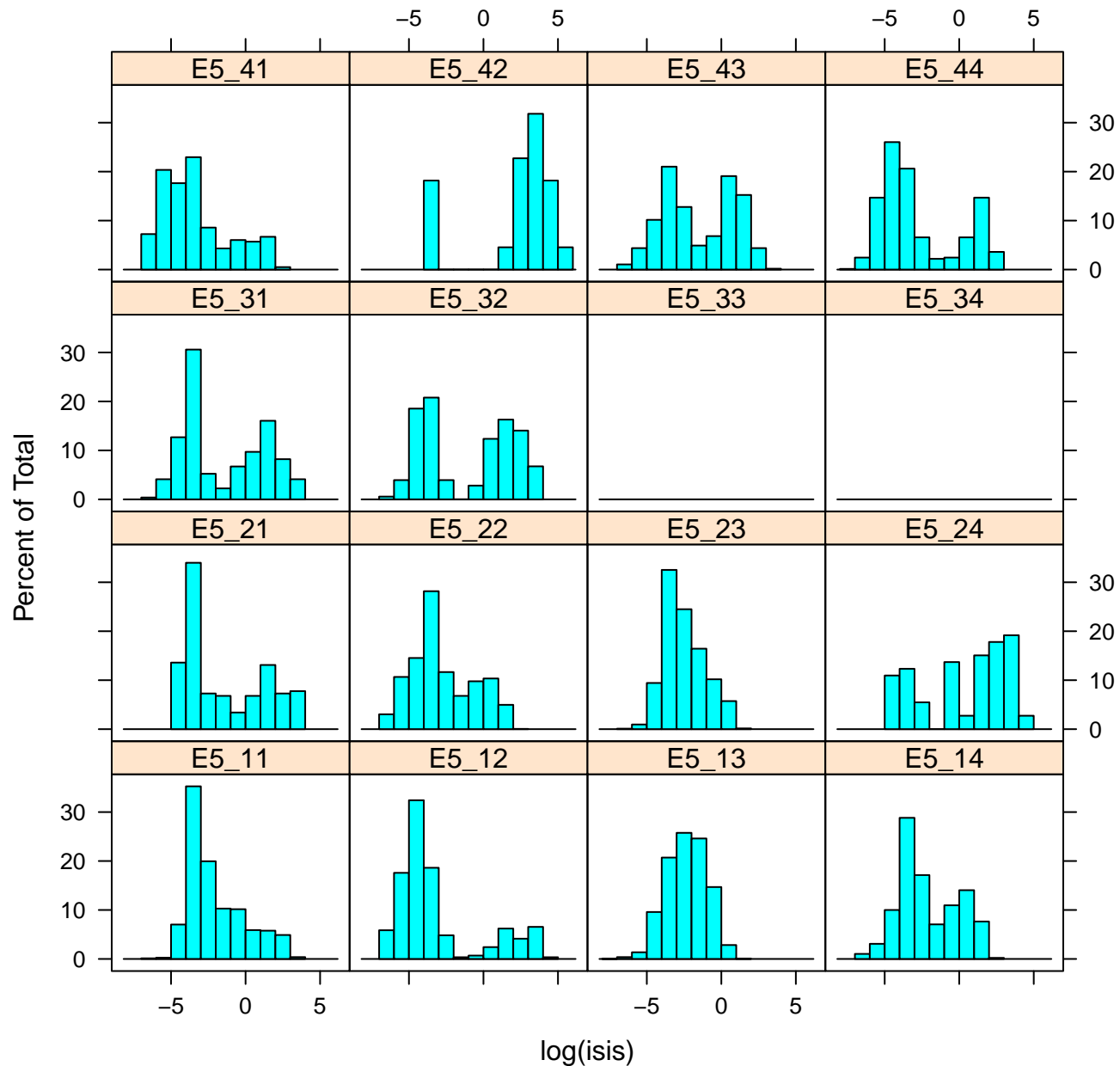
# log(ISIs) histogram plot for E4



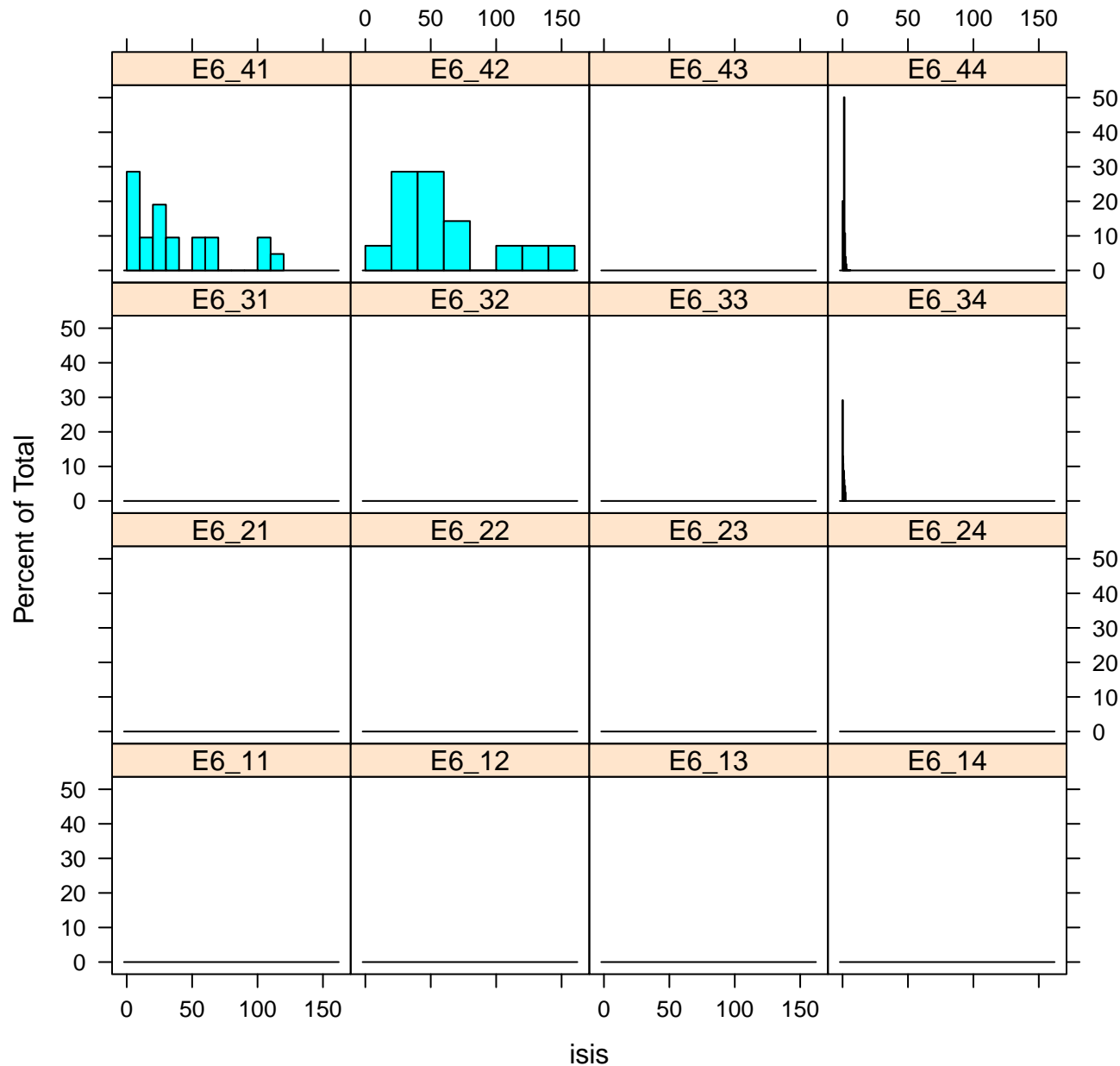
# ISIs histogram plot for E5



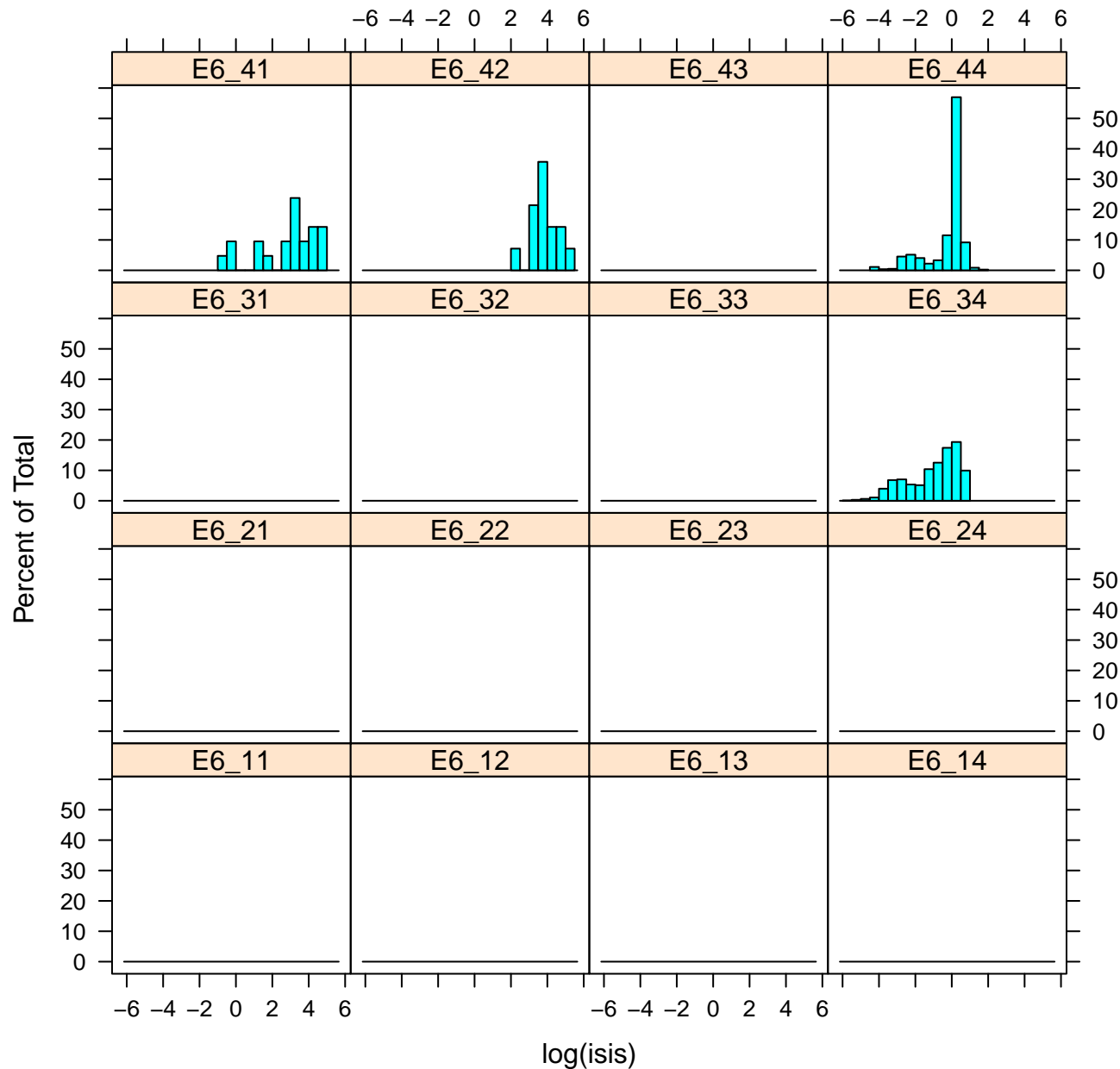
# log(ISIs) histogram plot for E5



# ISIs histogram plot for E6



# log(ISIs) histogram plot for E6

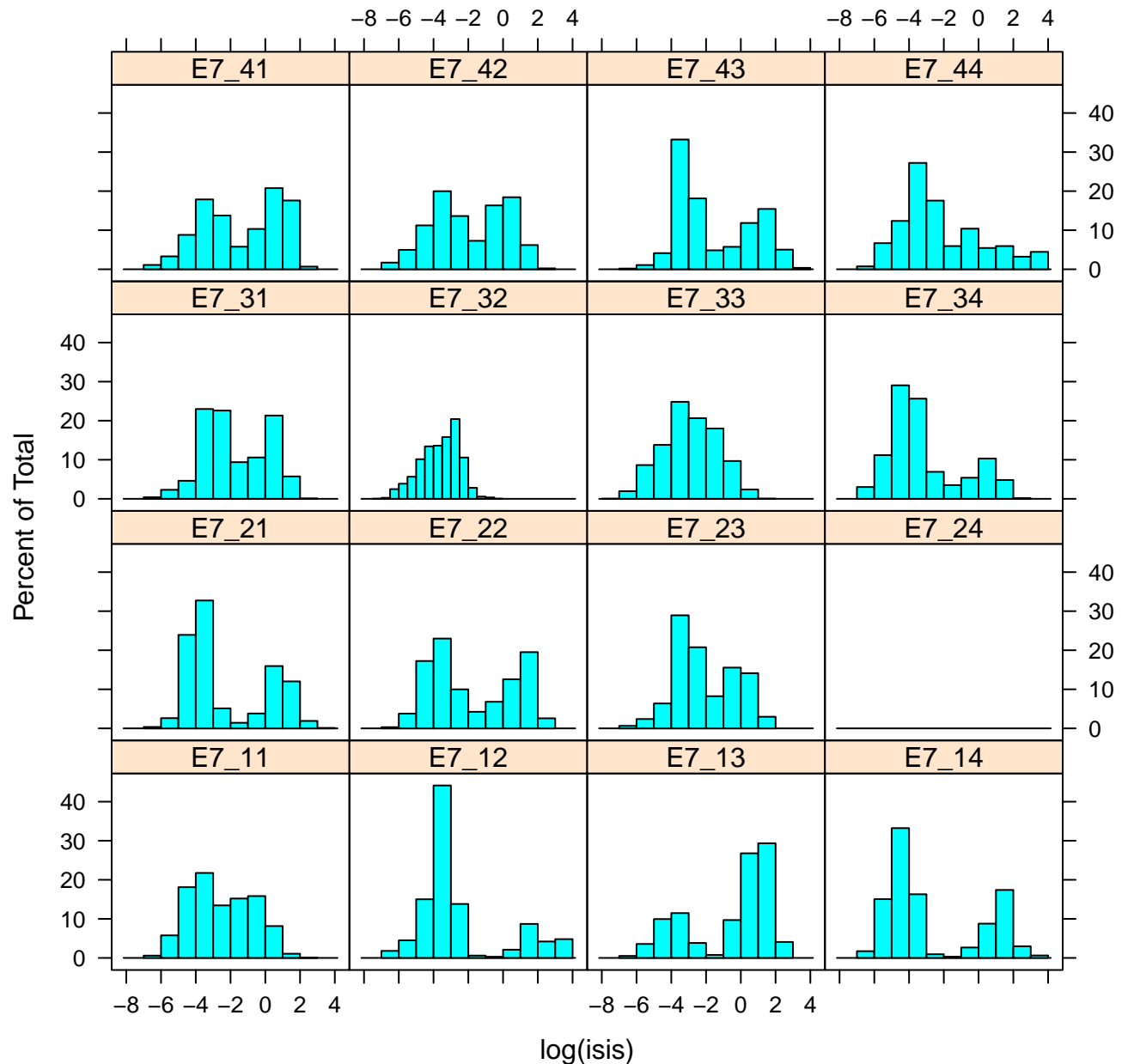




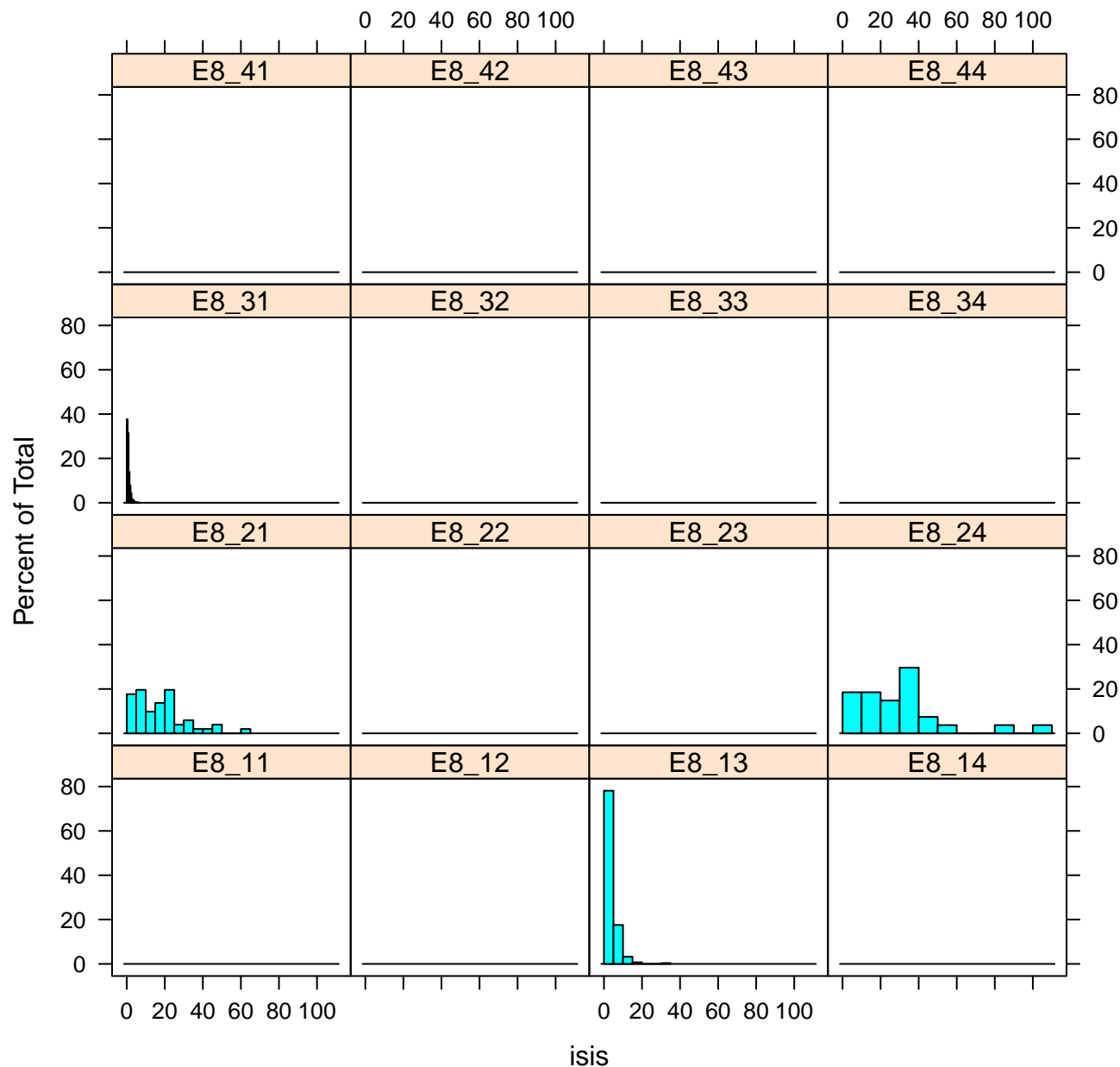
0 10 20 30 40 50



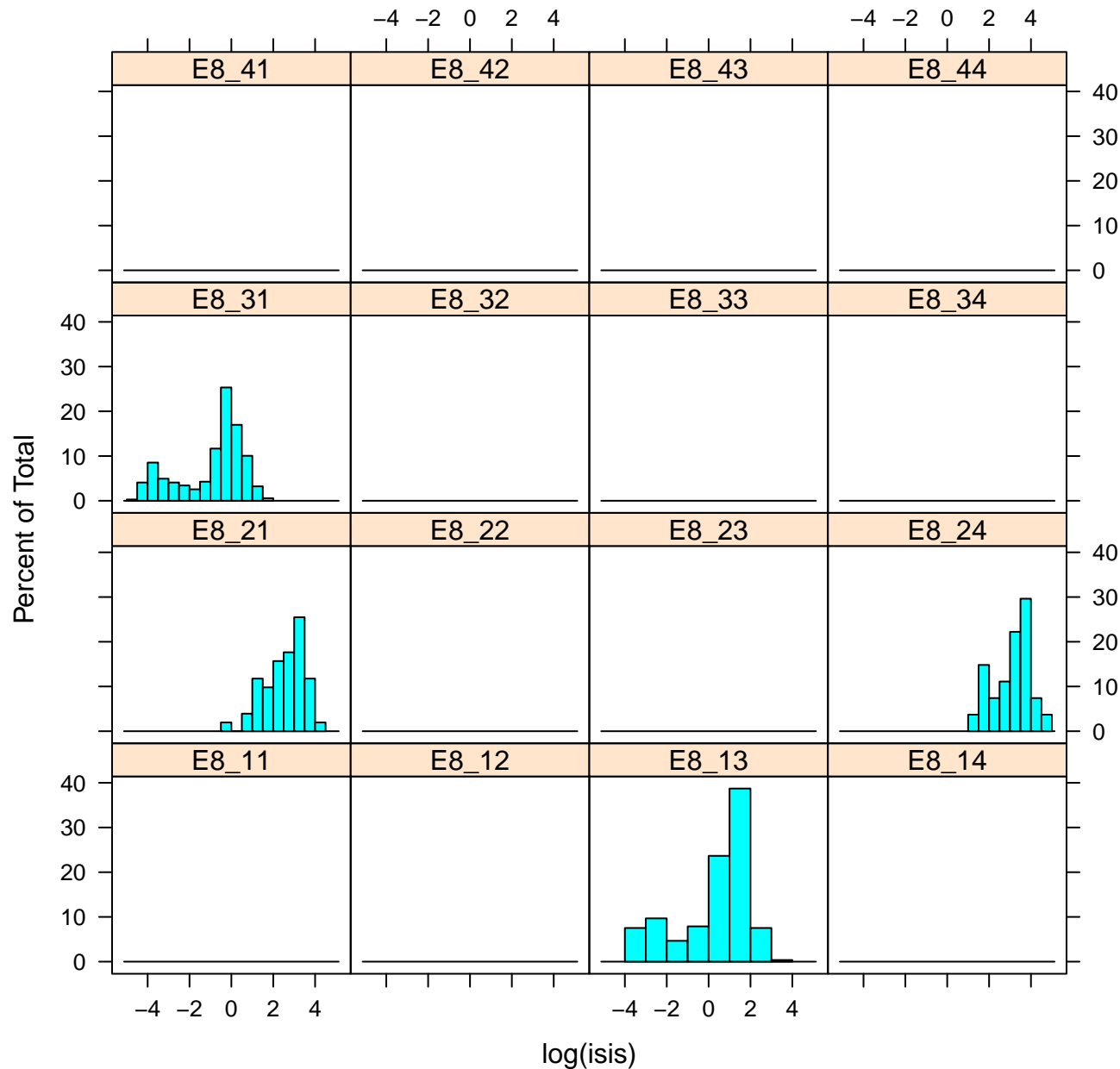
# log(ISIs) histogram plot for E7



# ISIs histogram plot for E8



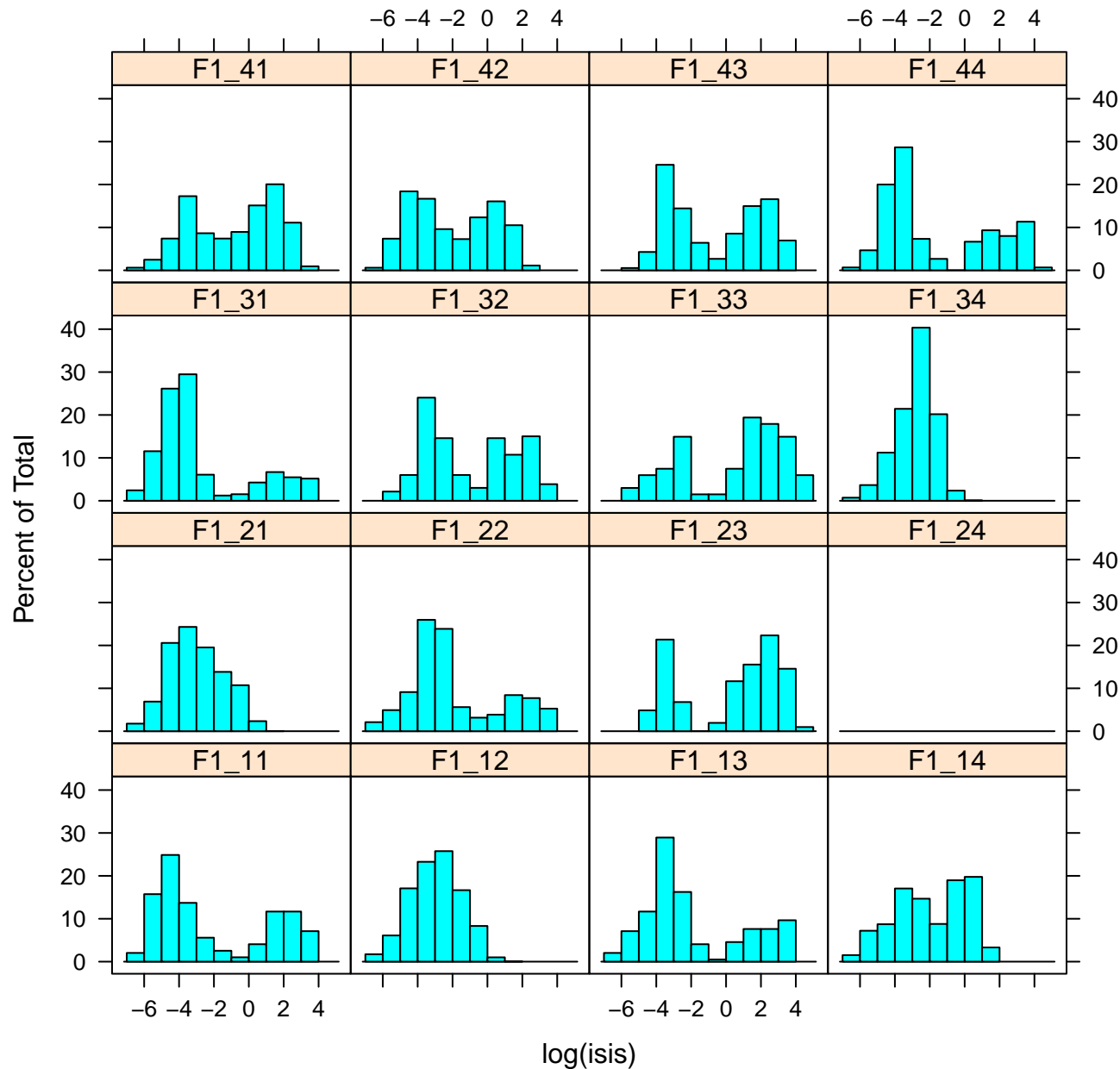
# log(ISIs) histogram plot for E8



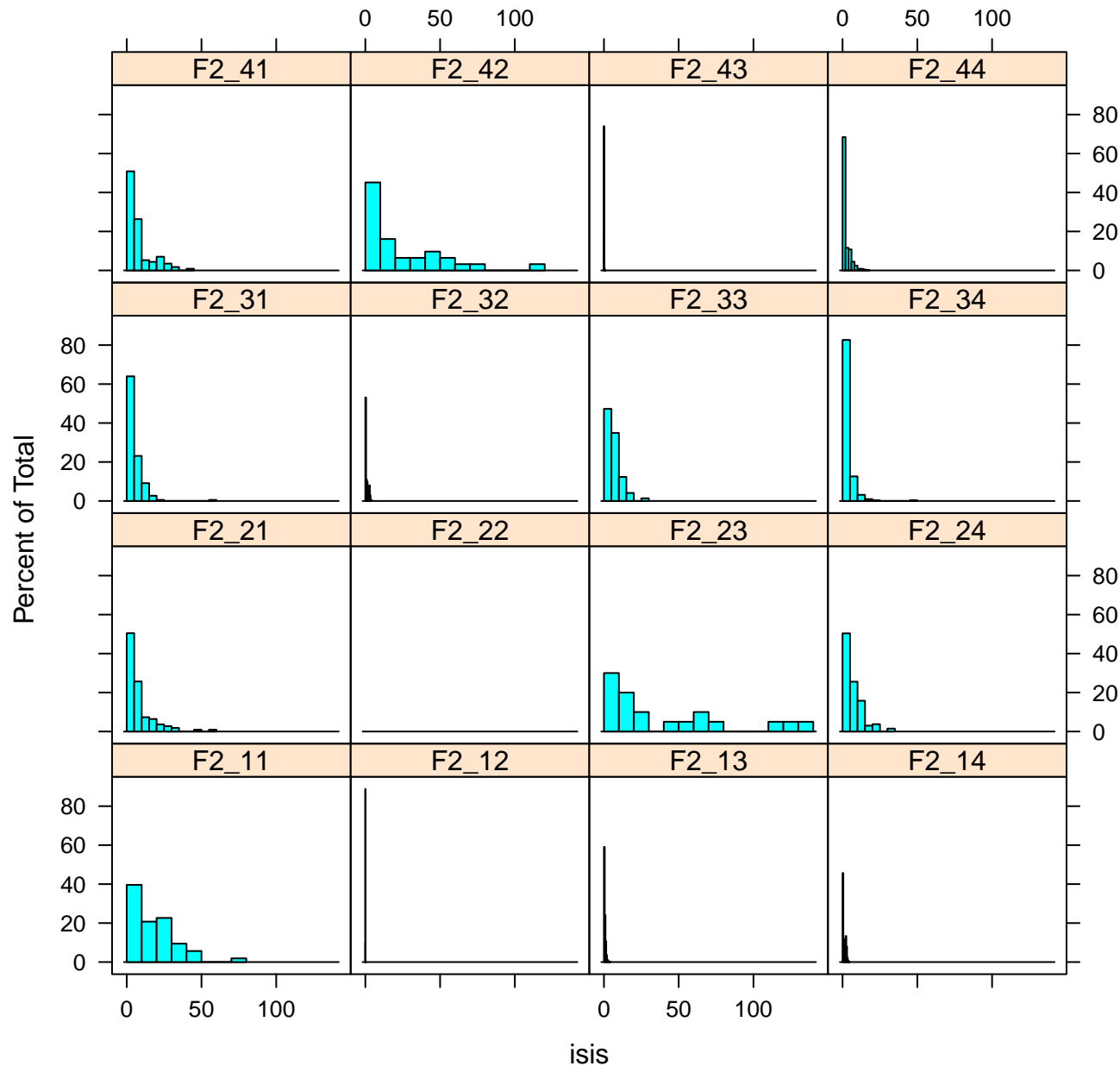
0 20 40 60 80 100



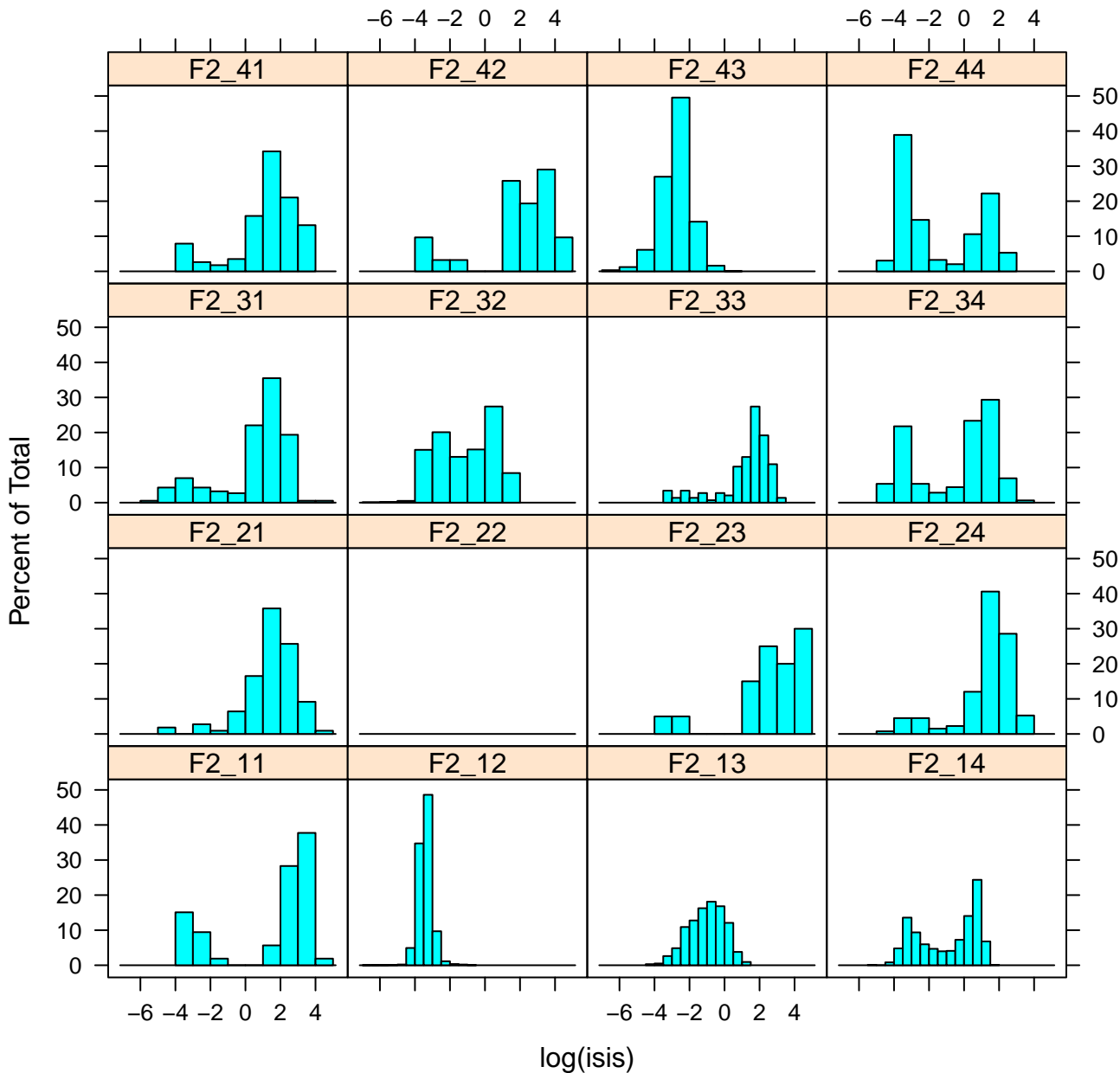
# log(ISIs) histogram plot for F1



# ISIs histogram plot for F2

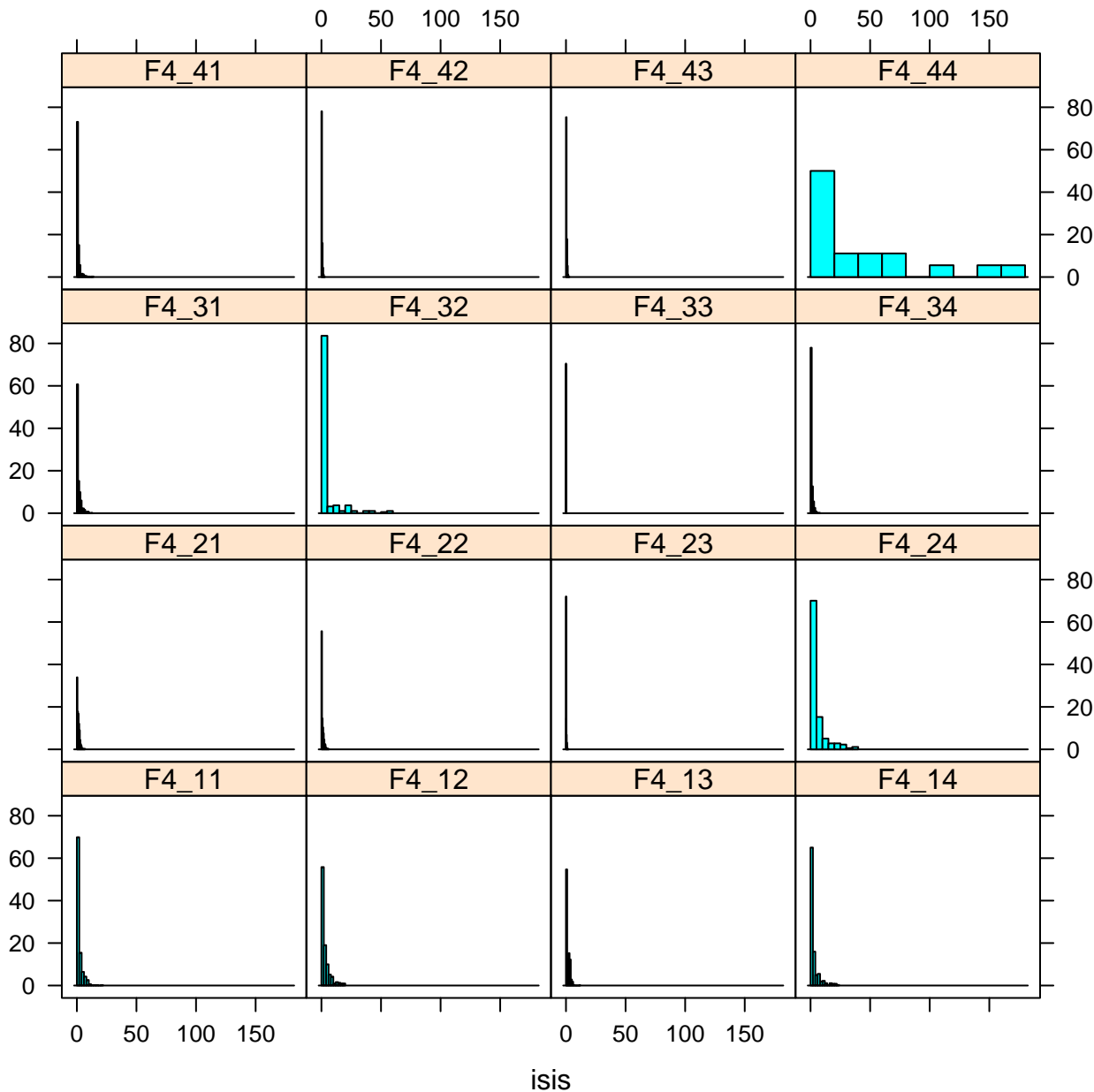


# log(ISIs) histogram plot for F2

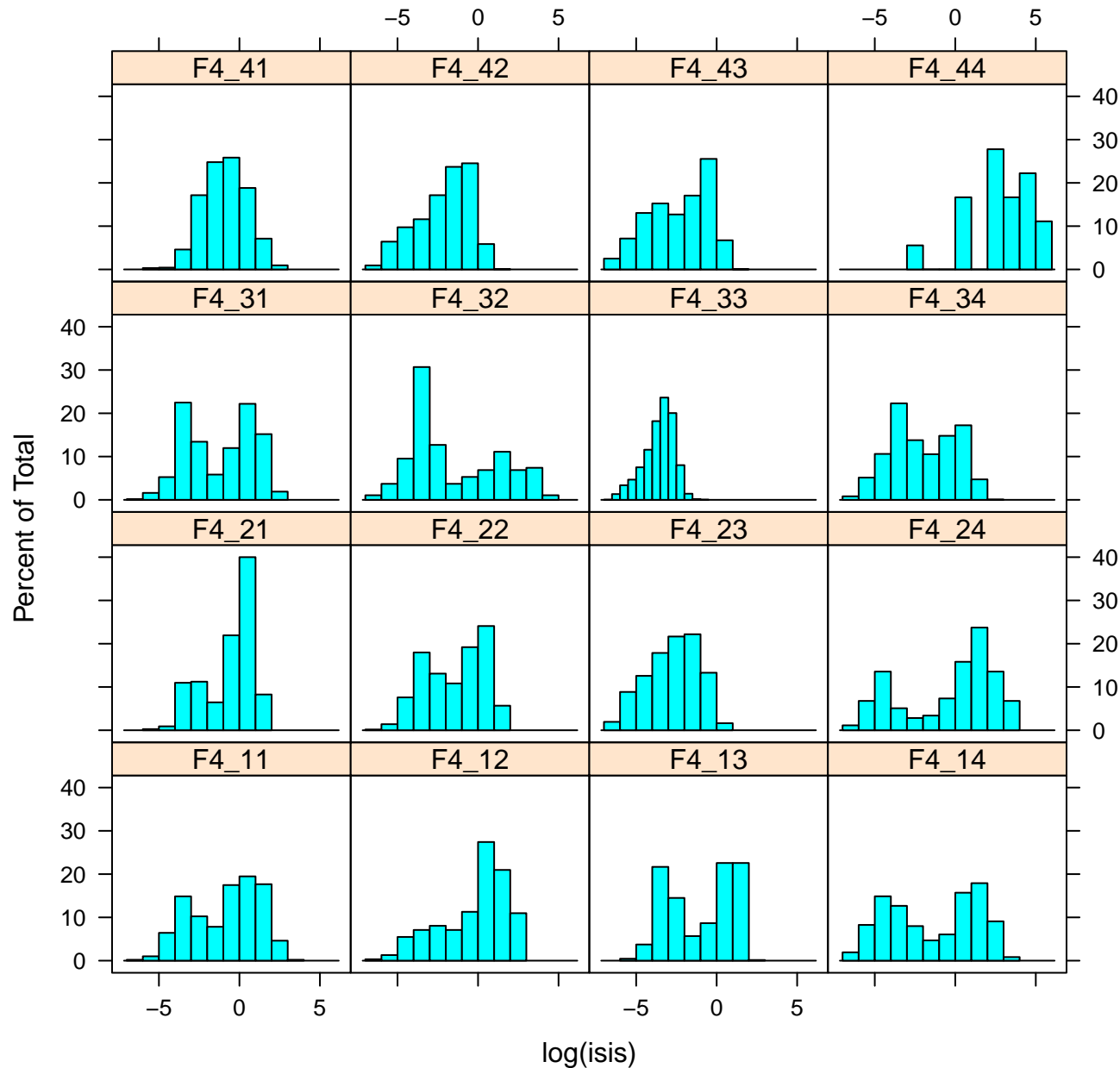




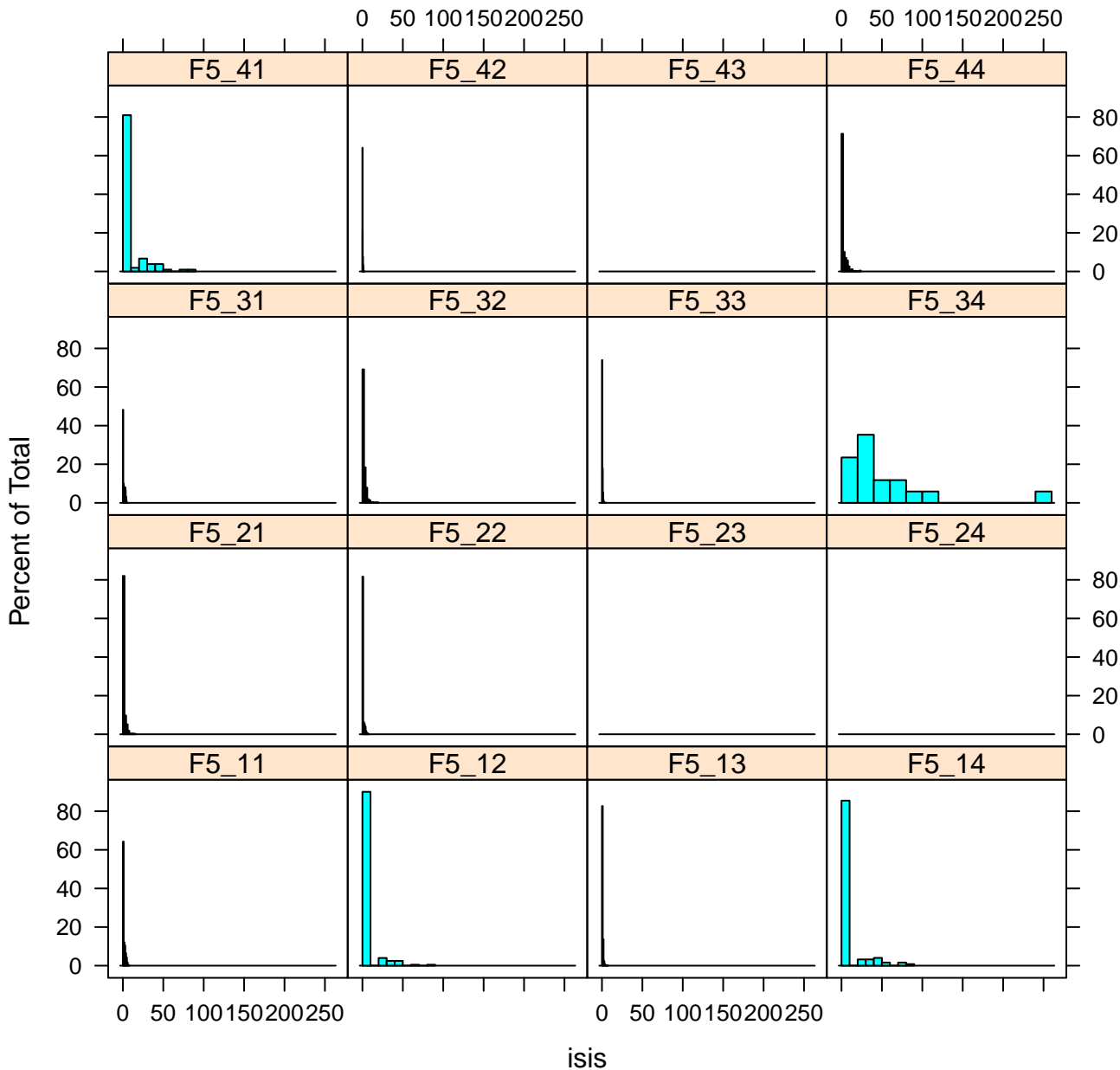
### ISIs histogram plot for F4



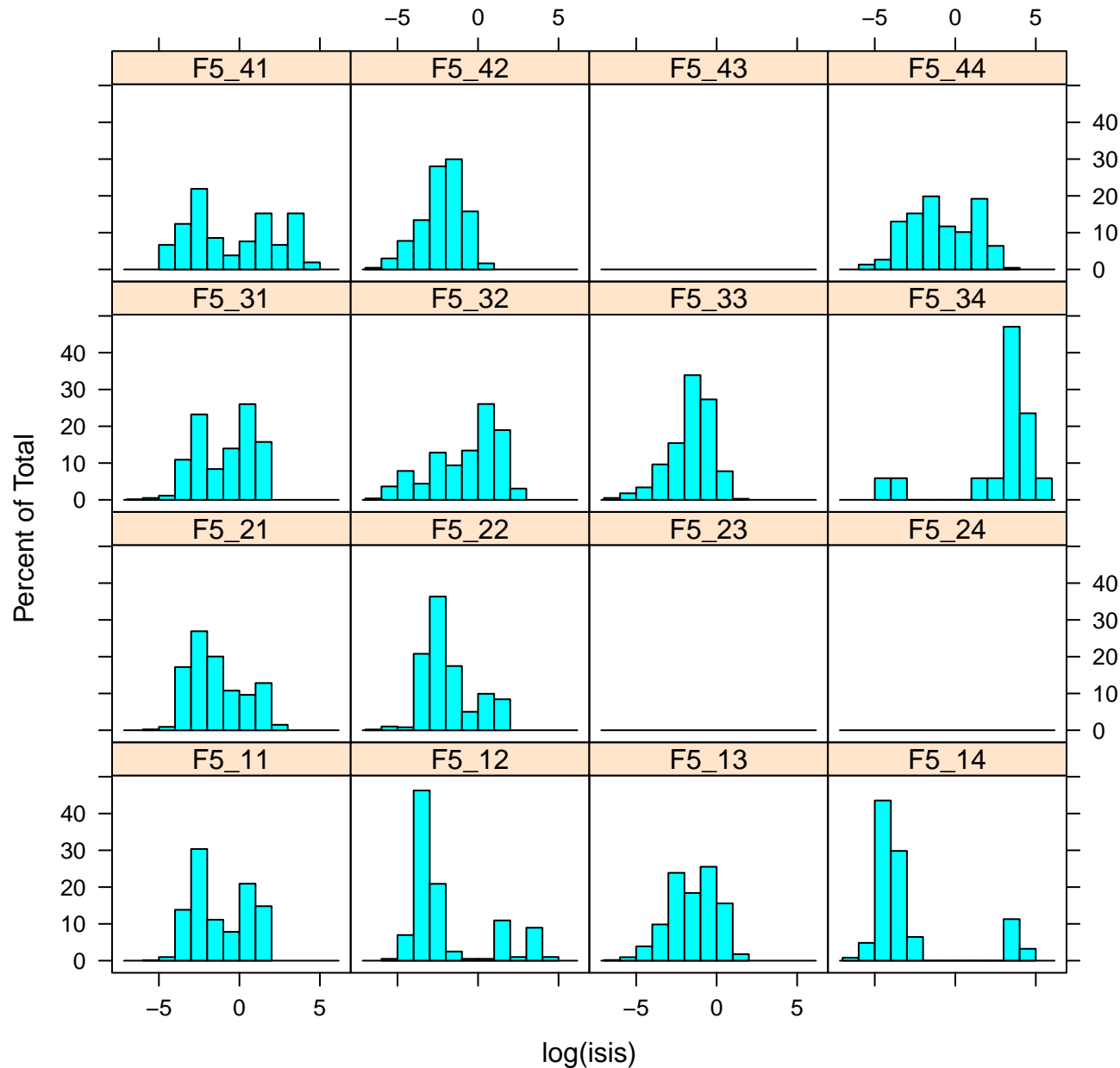
# log(ISIs) histogram plot for F4



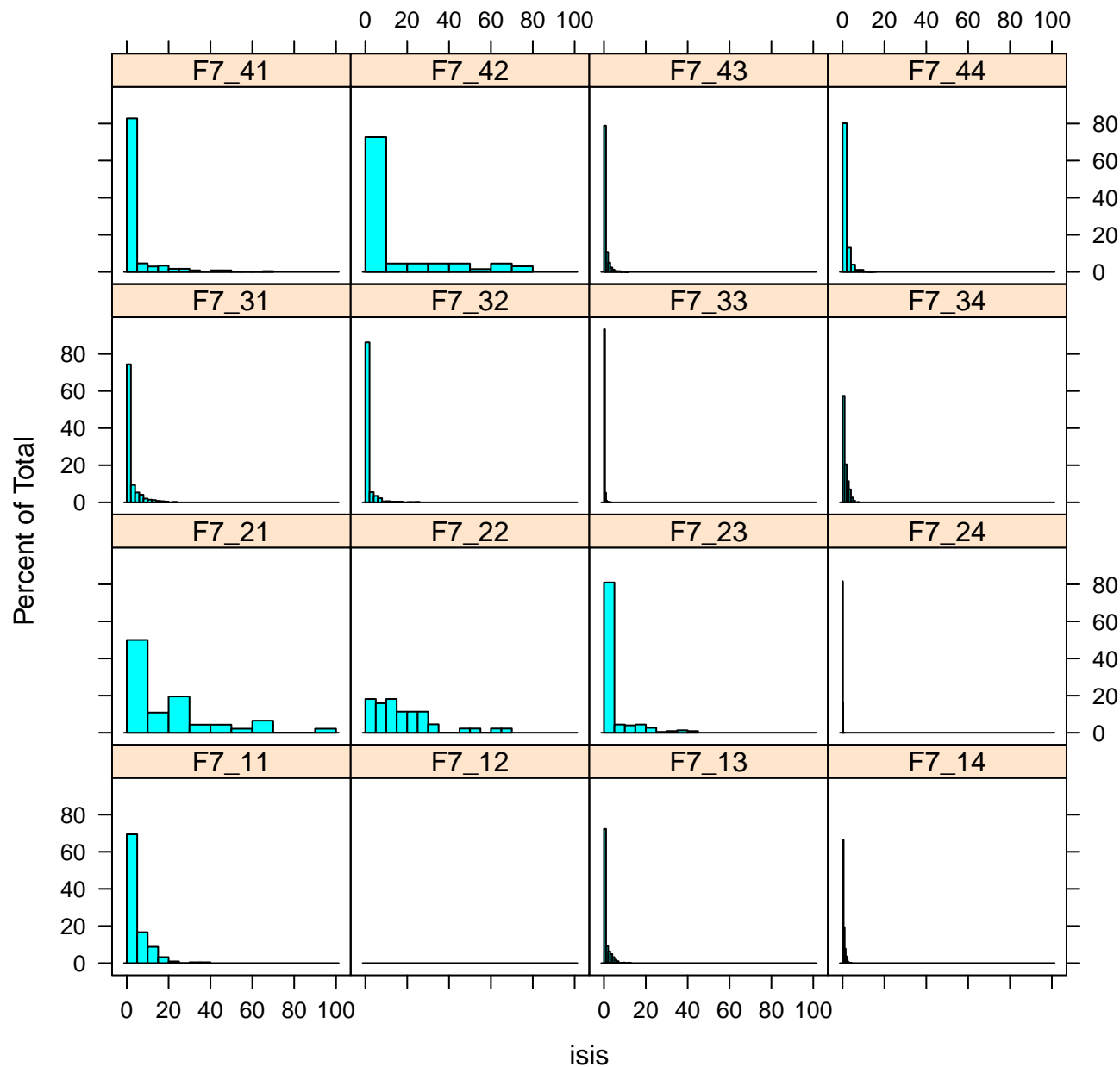
# ISIs histogram plot for F5



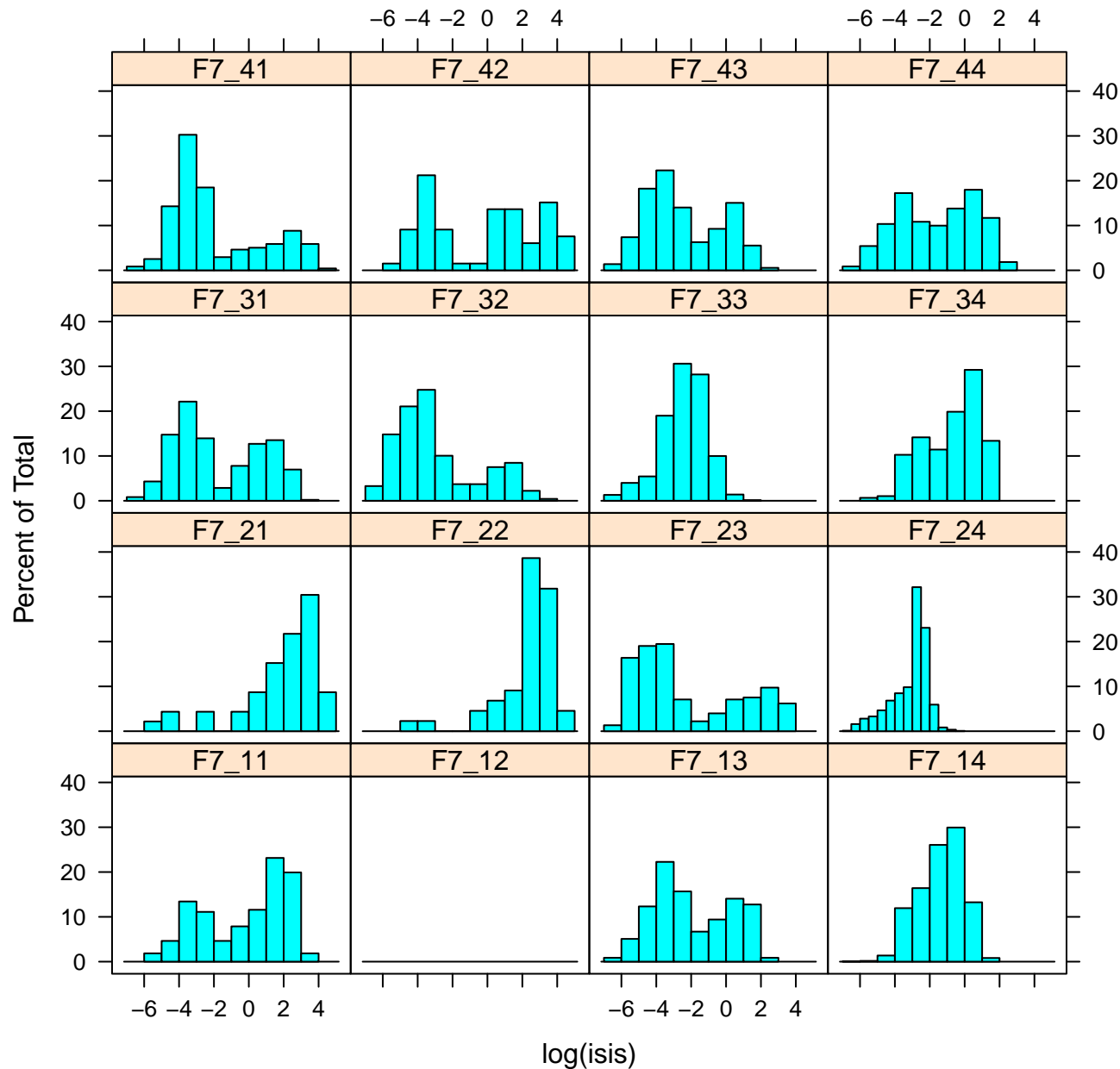
# log(ISIs) histogram plot for F5



# ISIs histogram plot for F7



# log(ISIs) histogram plot for F7



0 20 40 60 80 100



# log(ISIs) histogram plot for F8

