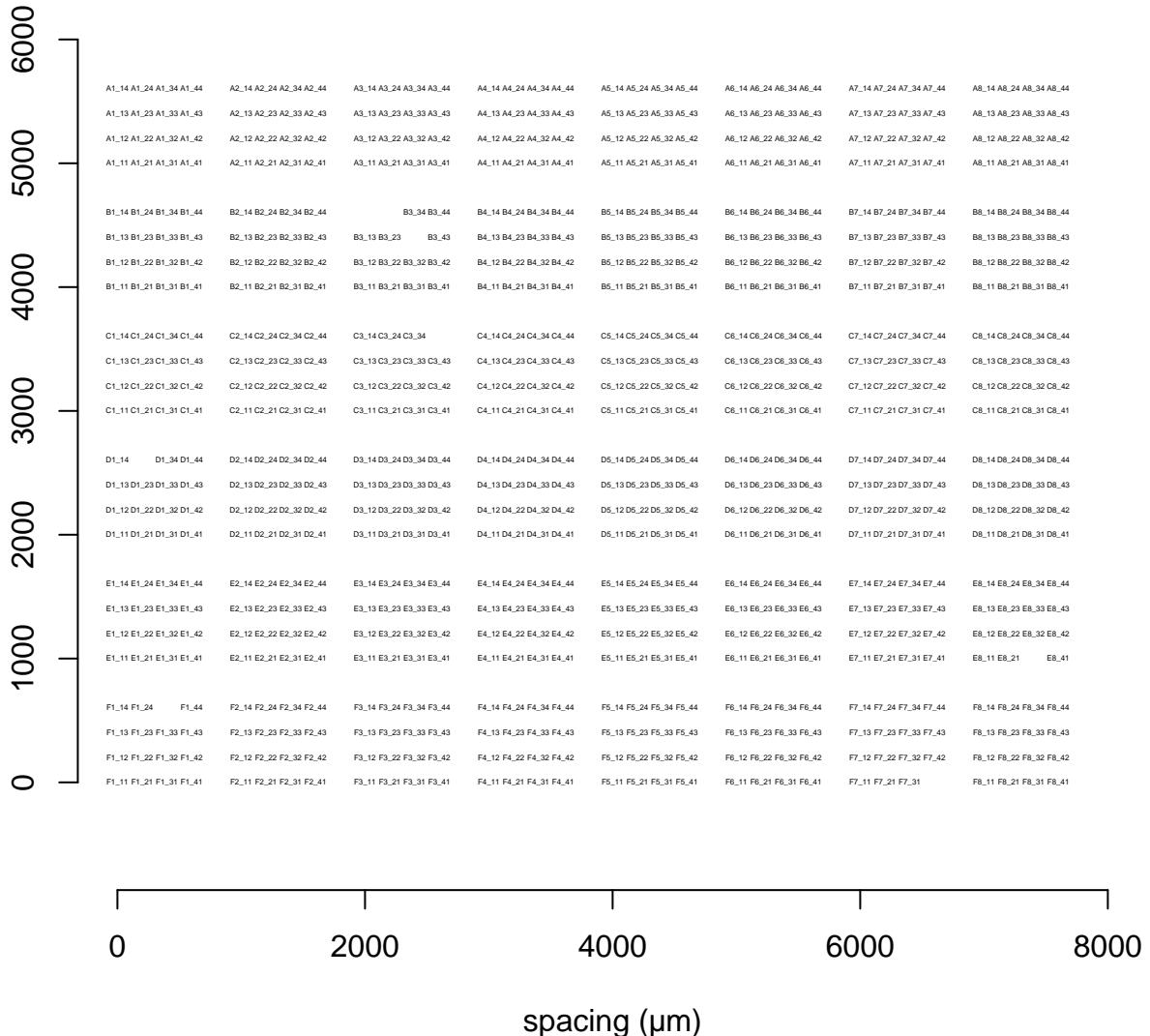
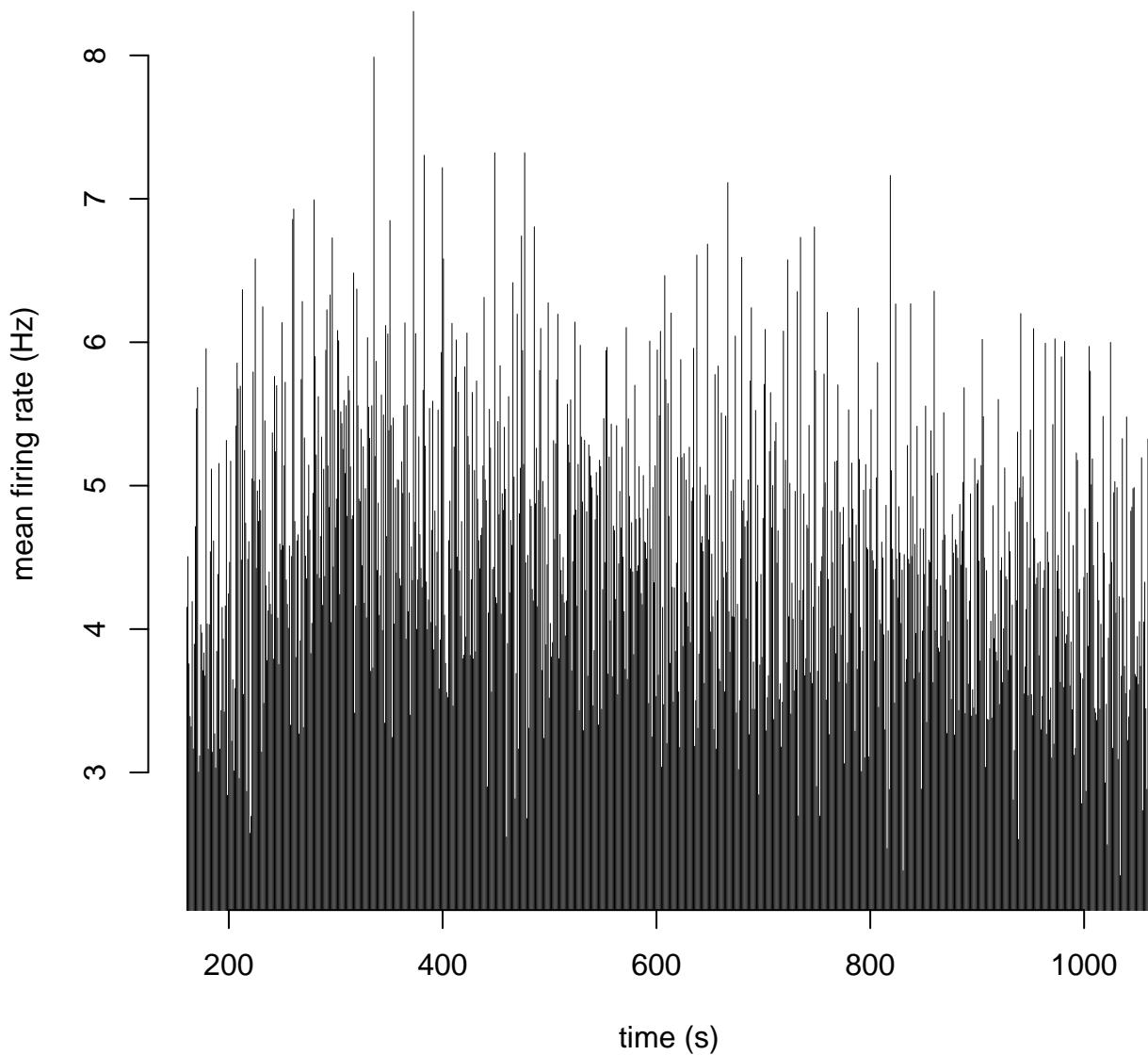


# Electrode Layout

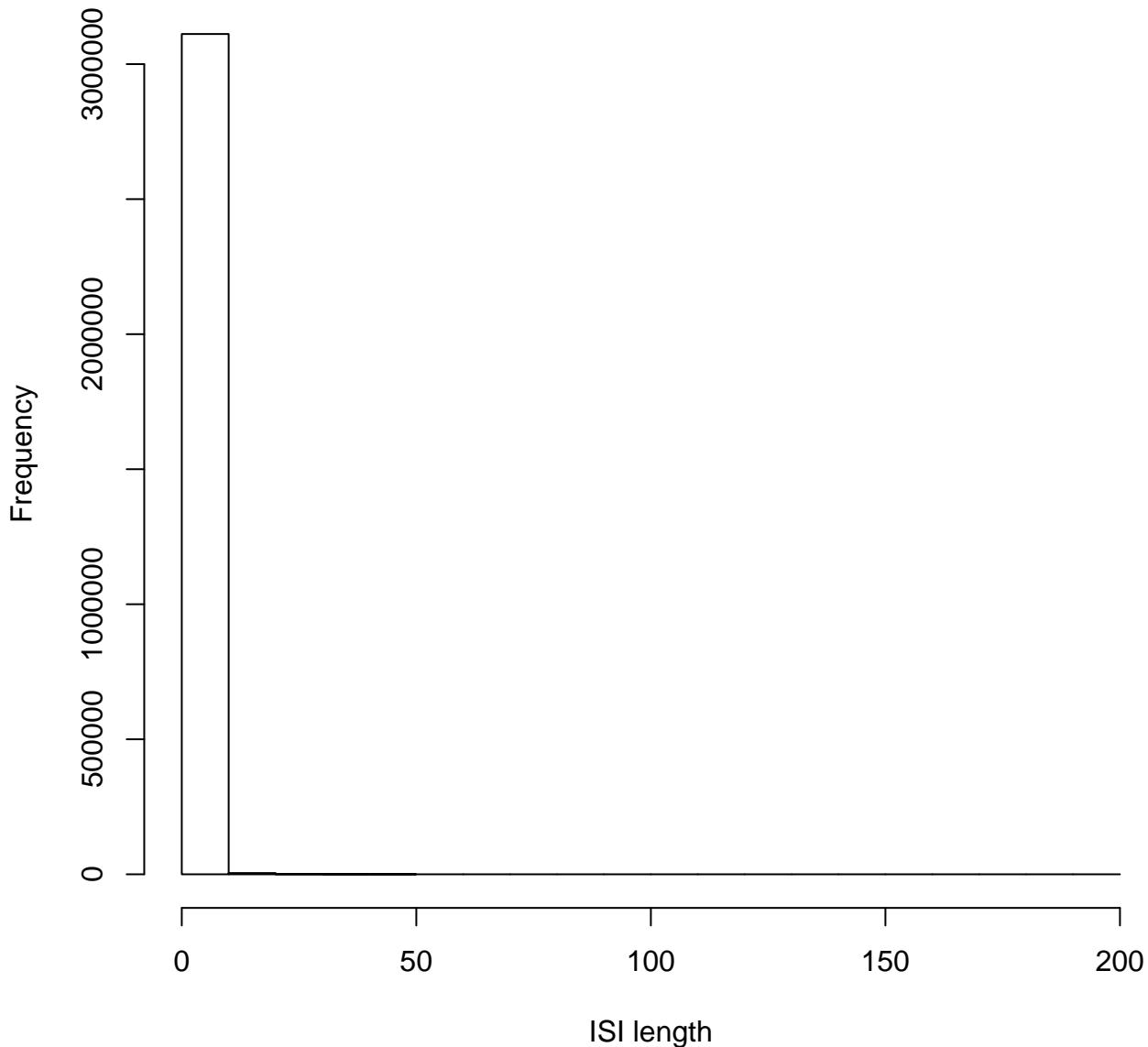
**file= Kcnt1Y777H\_20170722\_500669\_DIV15**



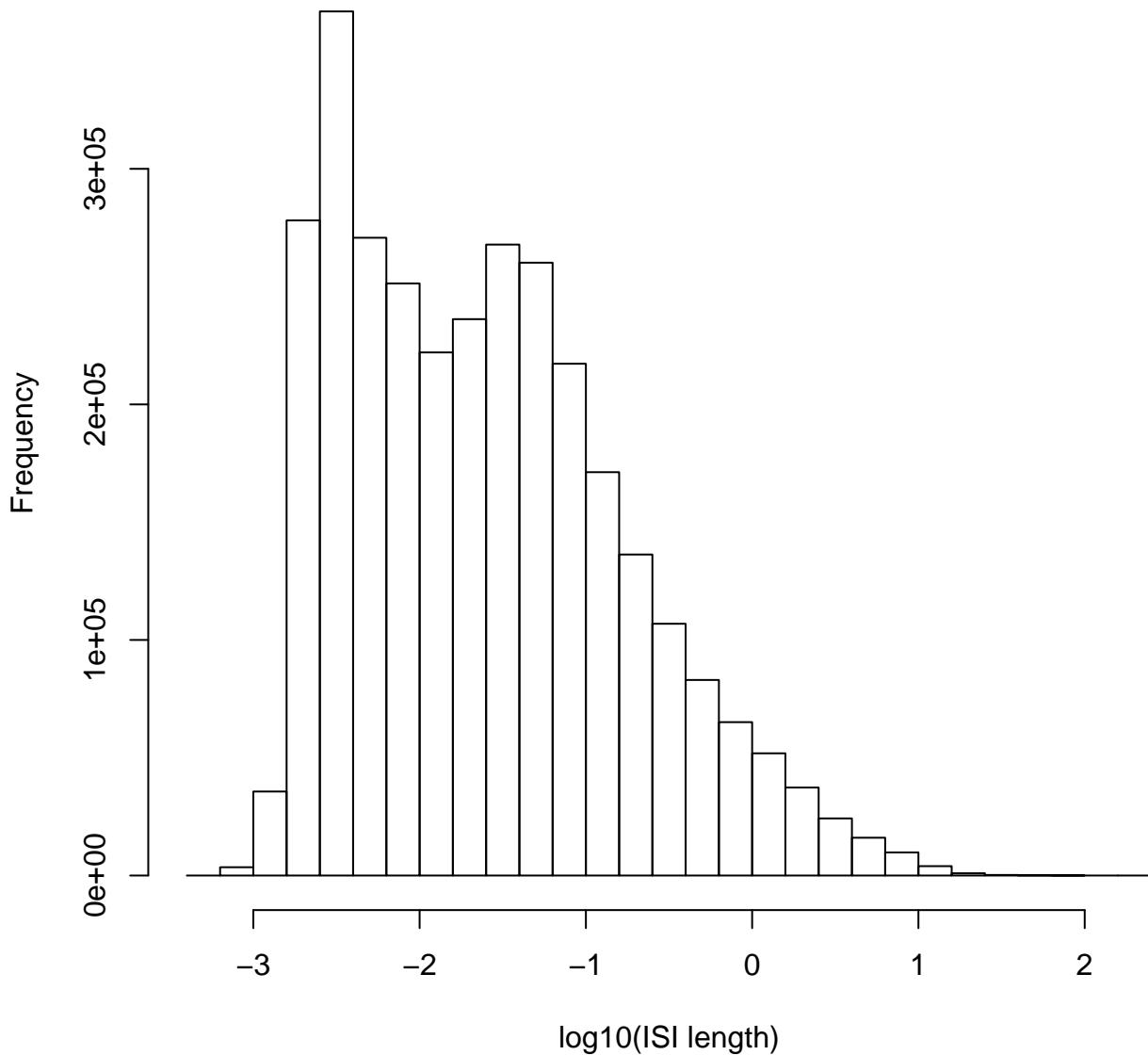
## Mean Firing Rate by Plate (Hz)



## Histogram of ISIs by Plate

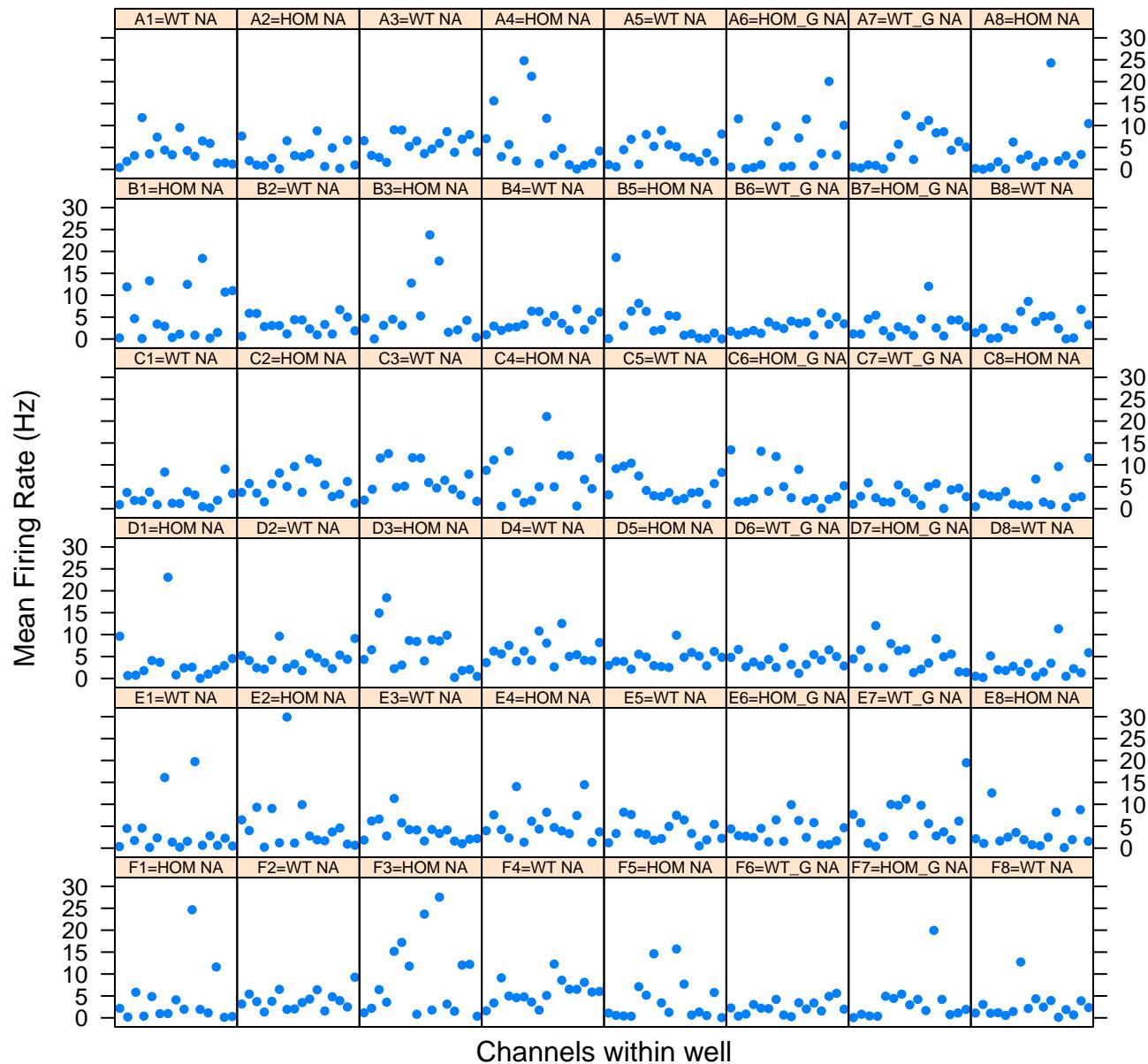


## Histogram of log(ISIs) by Plate

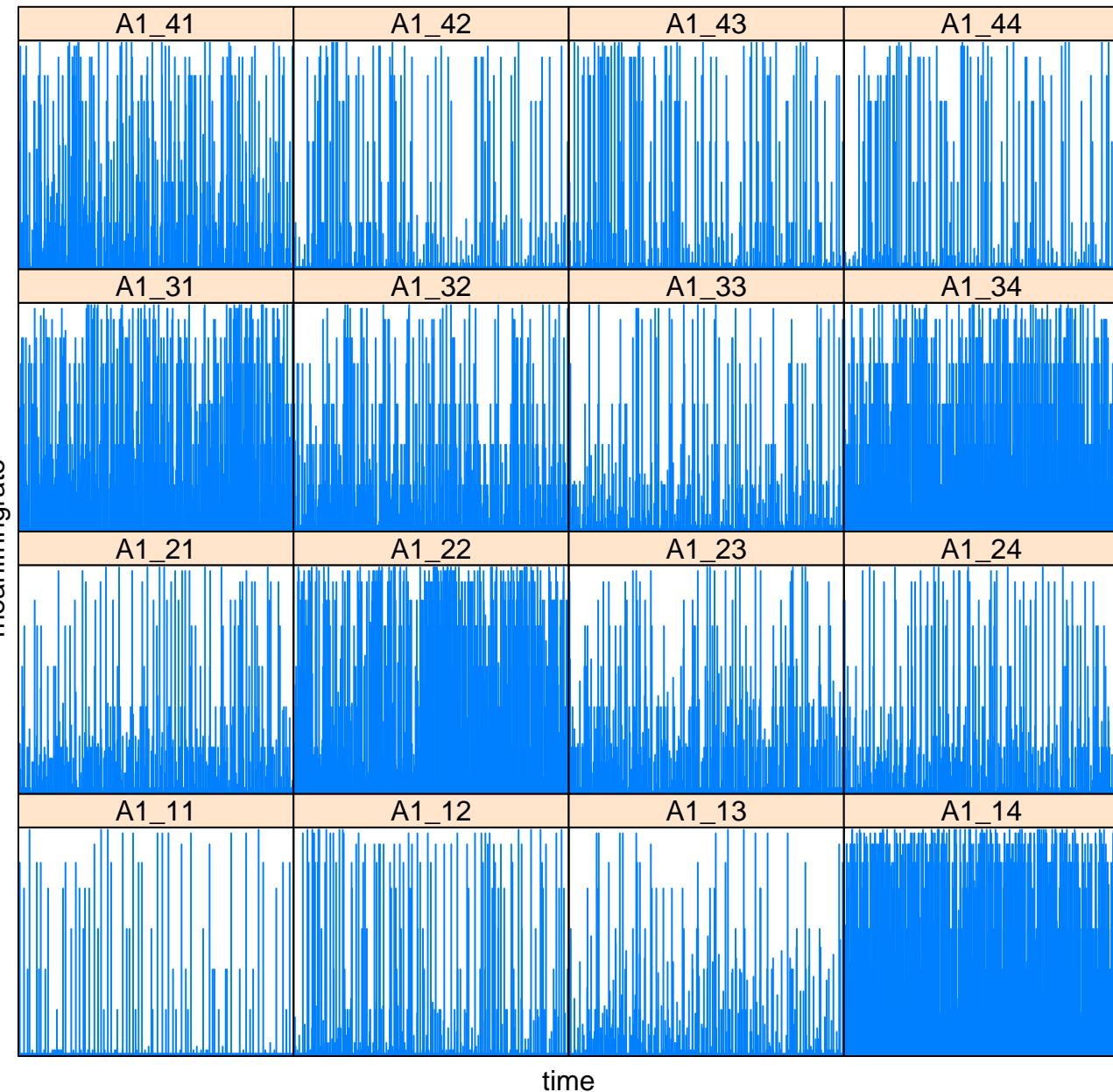


# Mean Firing Rate (Hz) by Channels within Wells

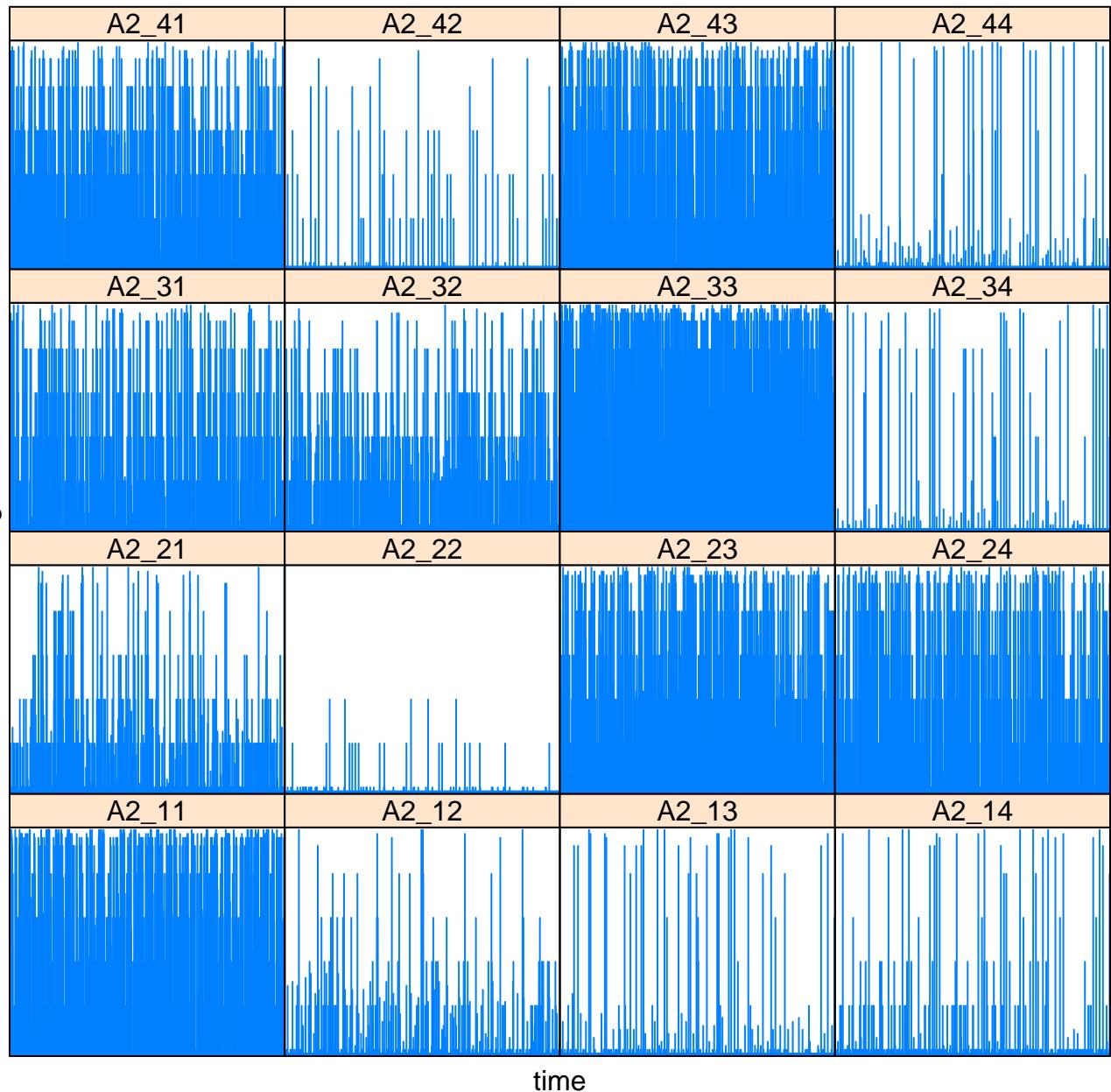
file= Kcnt1Y777H\_20170722\_500669\_DIV15



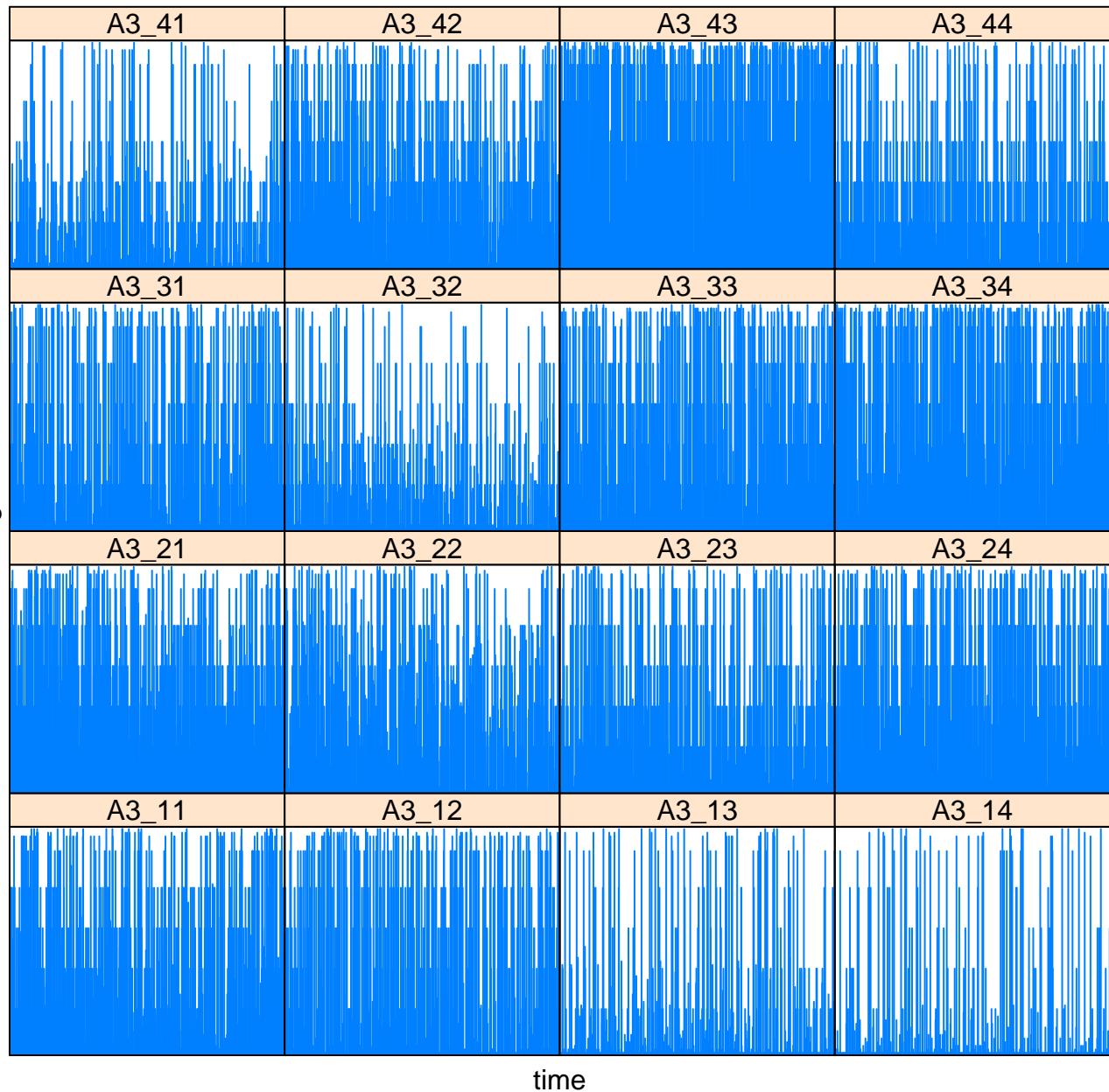
# Mean Firing Rate per Second for Well A1. Maximum firing rate:9 Hz



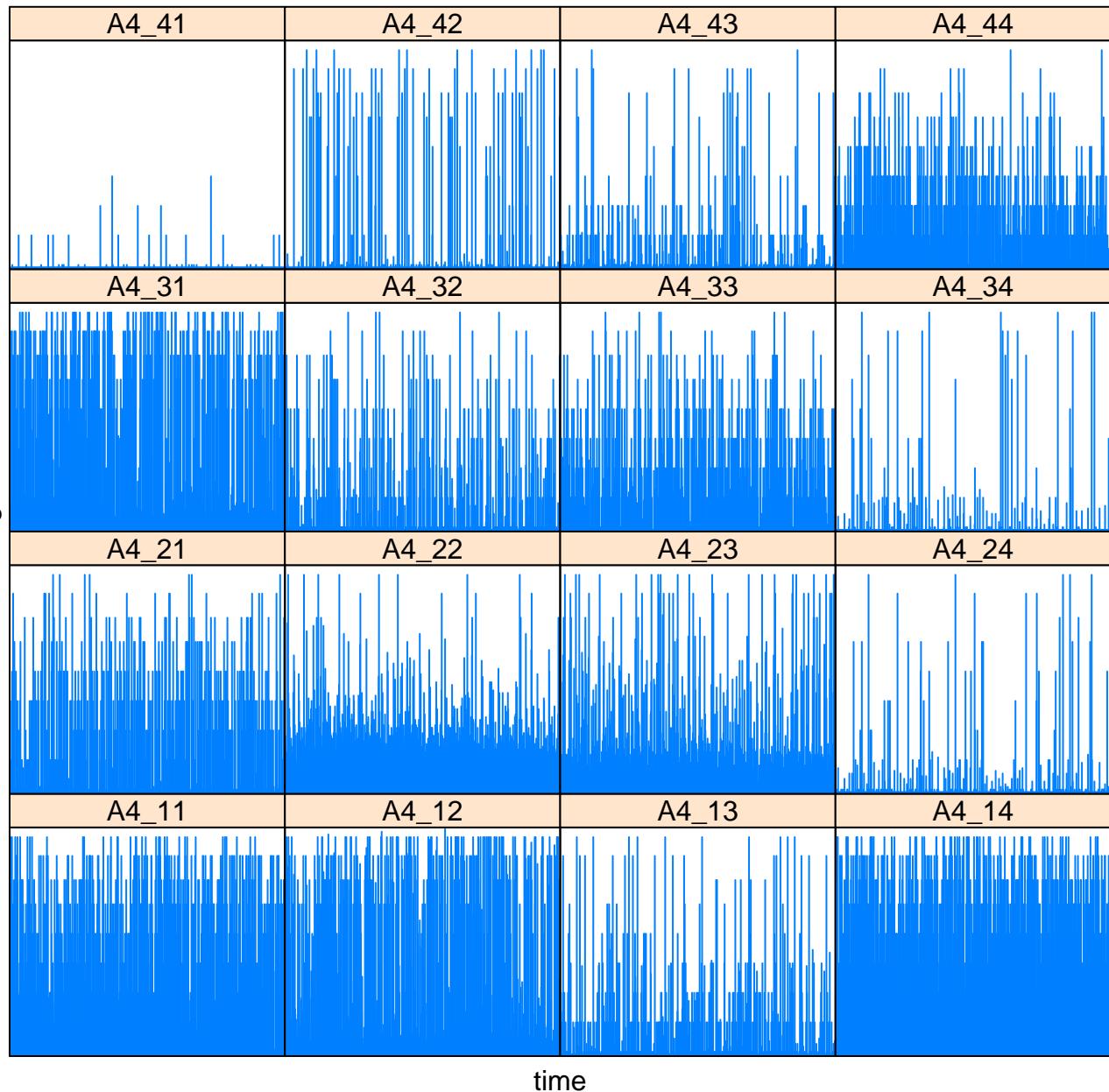
# Mean Firing Rate per Second for Well A2. Maximum firing rate:9 Hz



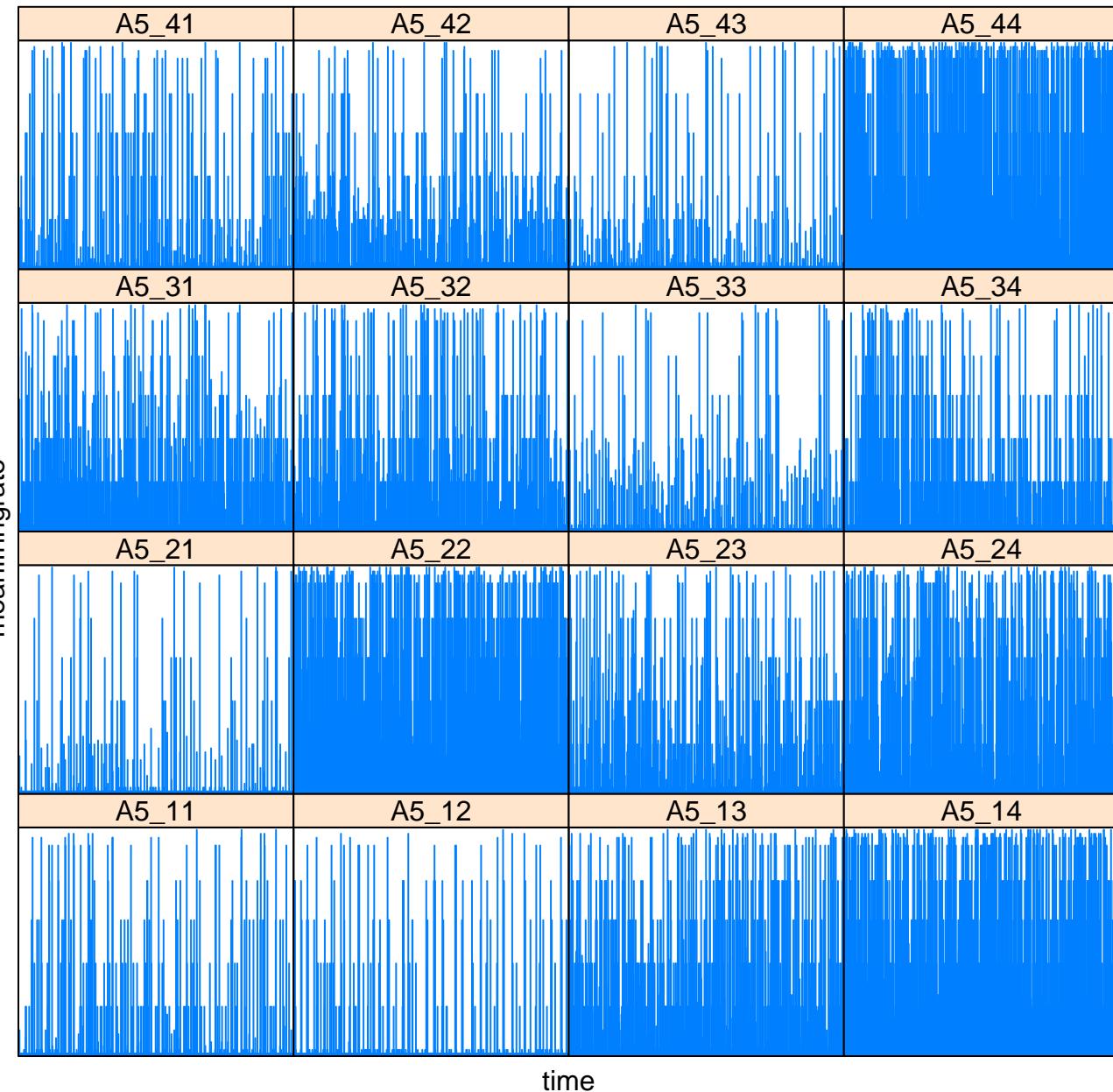
# Mean Firing Rate per Second for Well A3. Maximum firing rate:9 Hz



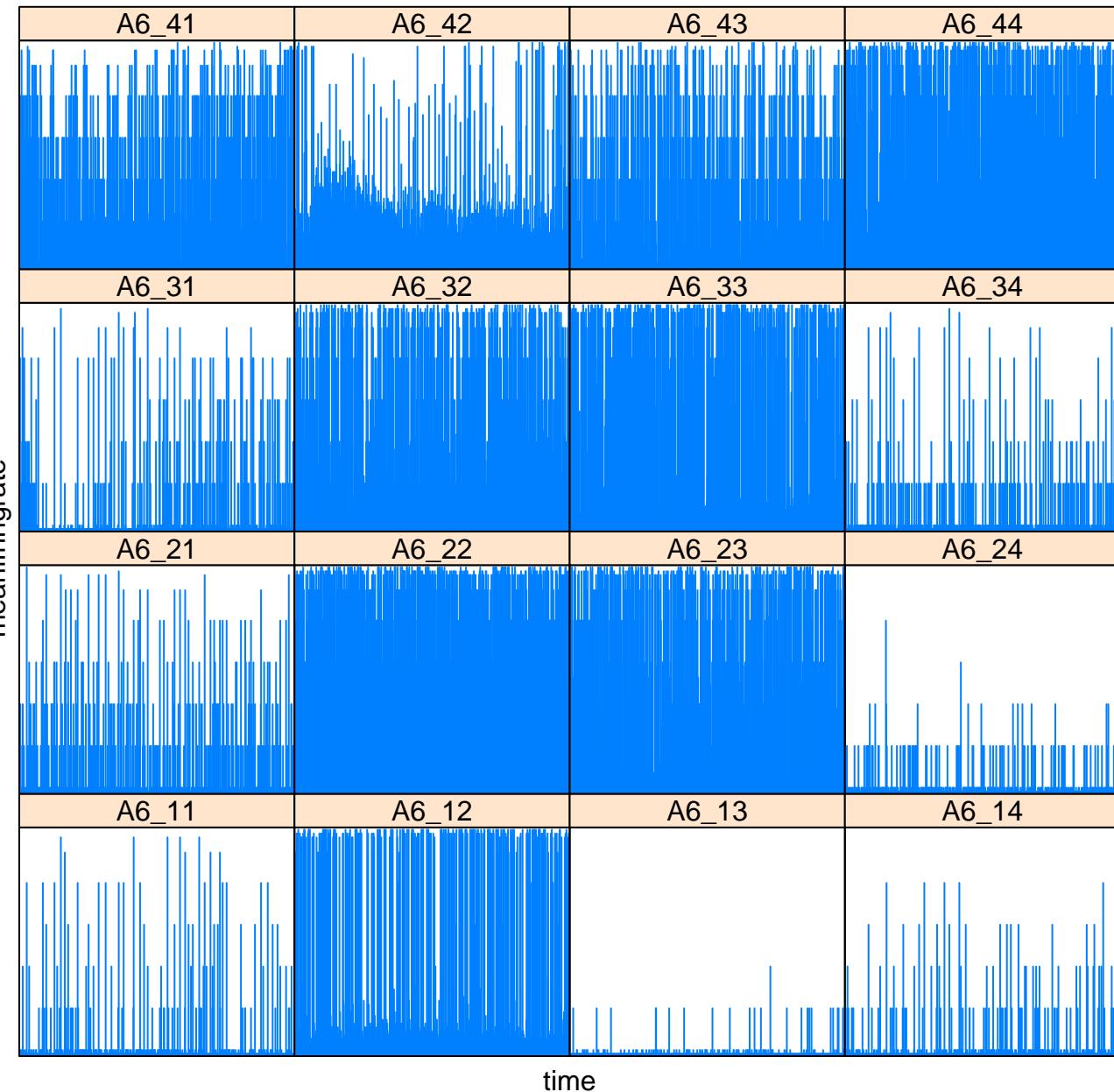
# Mean Firing Rate per Second for Well A4. Maximum firing rate:97 Hz



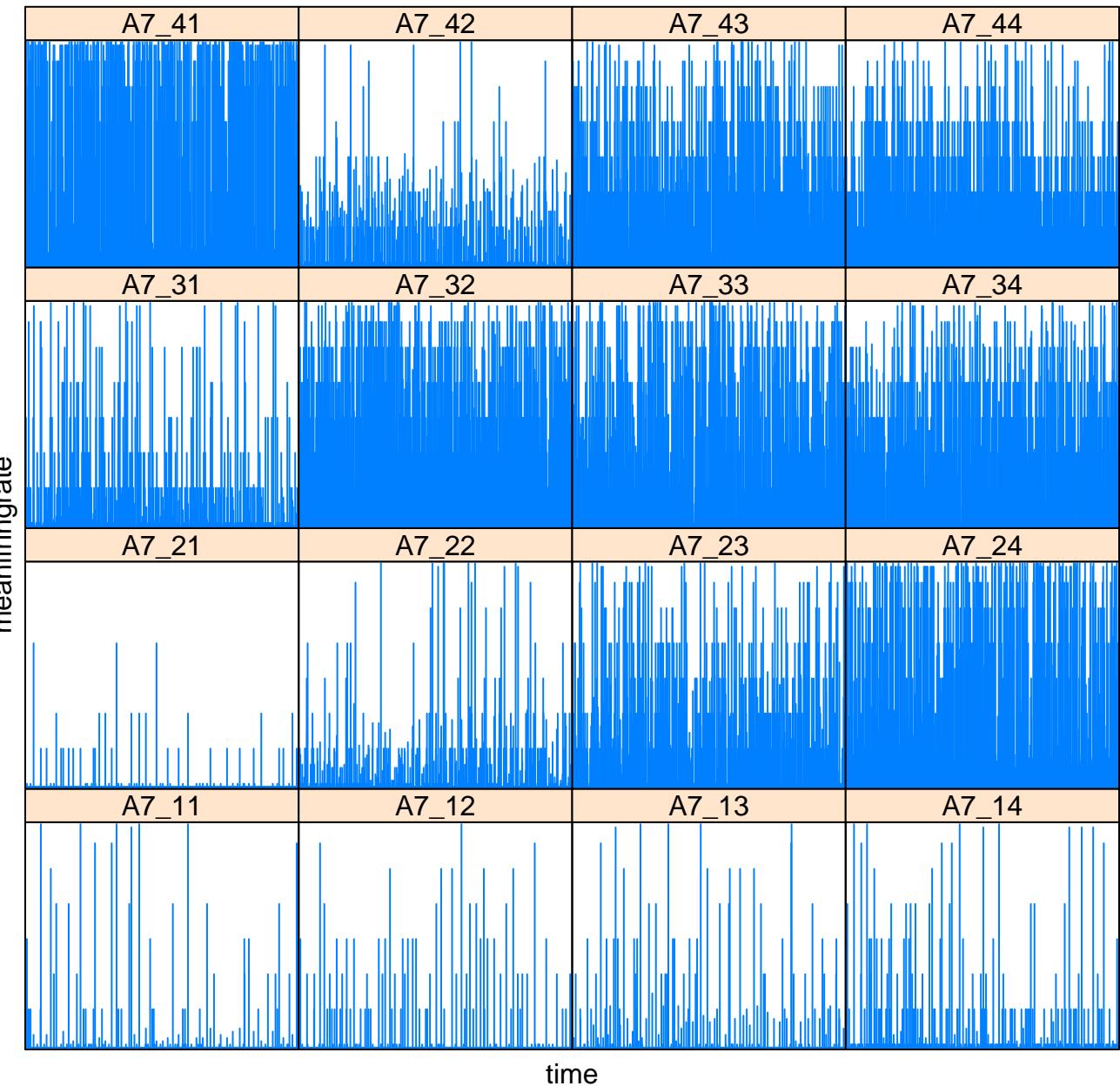
# Mean Firing Rate per Second for Well A5. Maximum firing rate:9 Hz



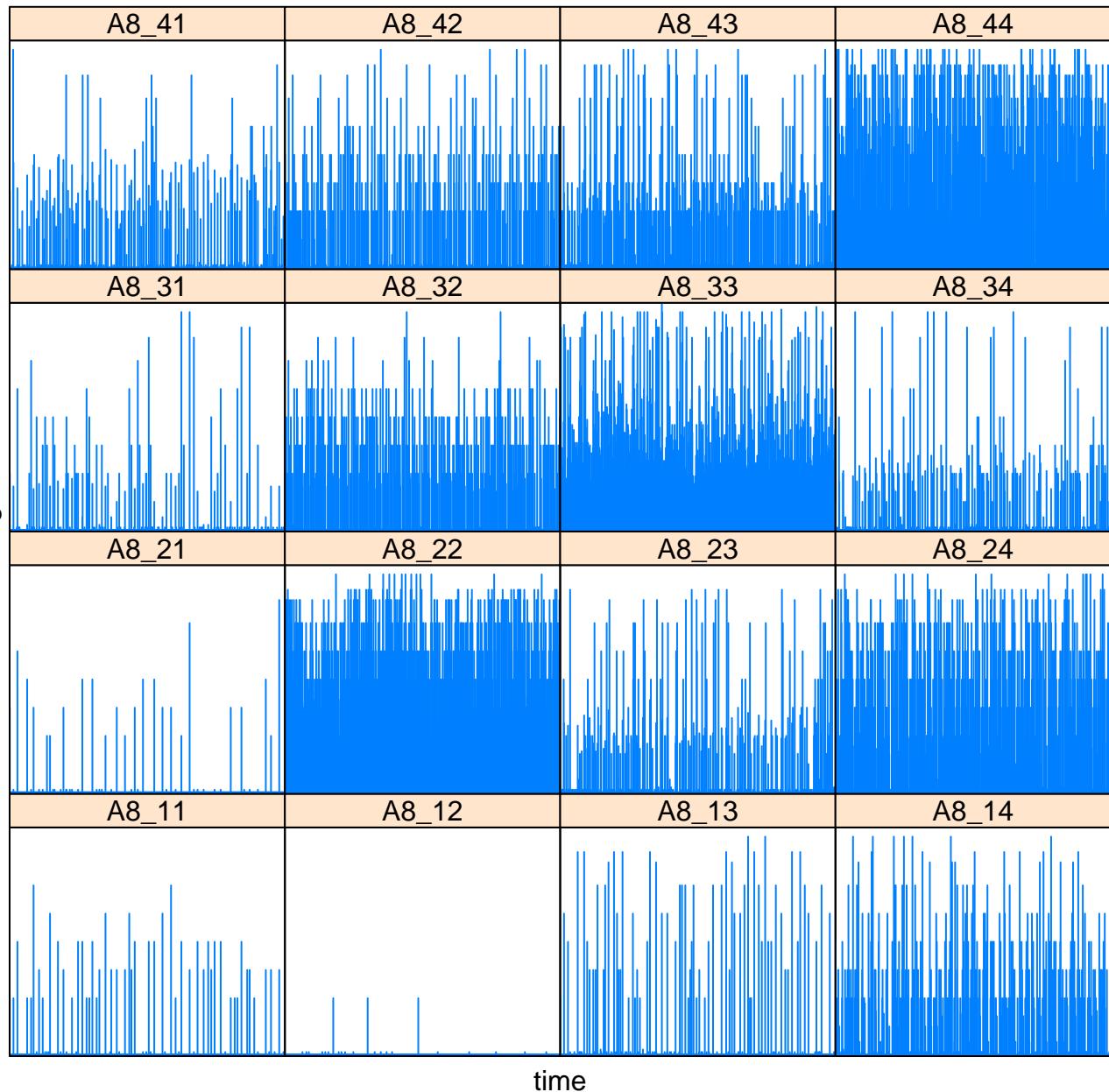
# Mean Firing Rate per Second for Well A6. Maximum firing rate:9 Hz



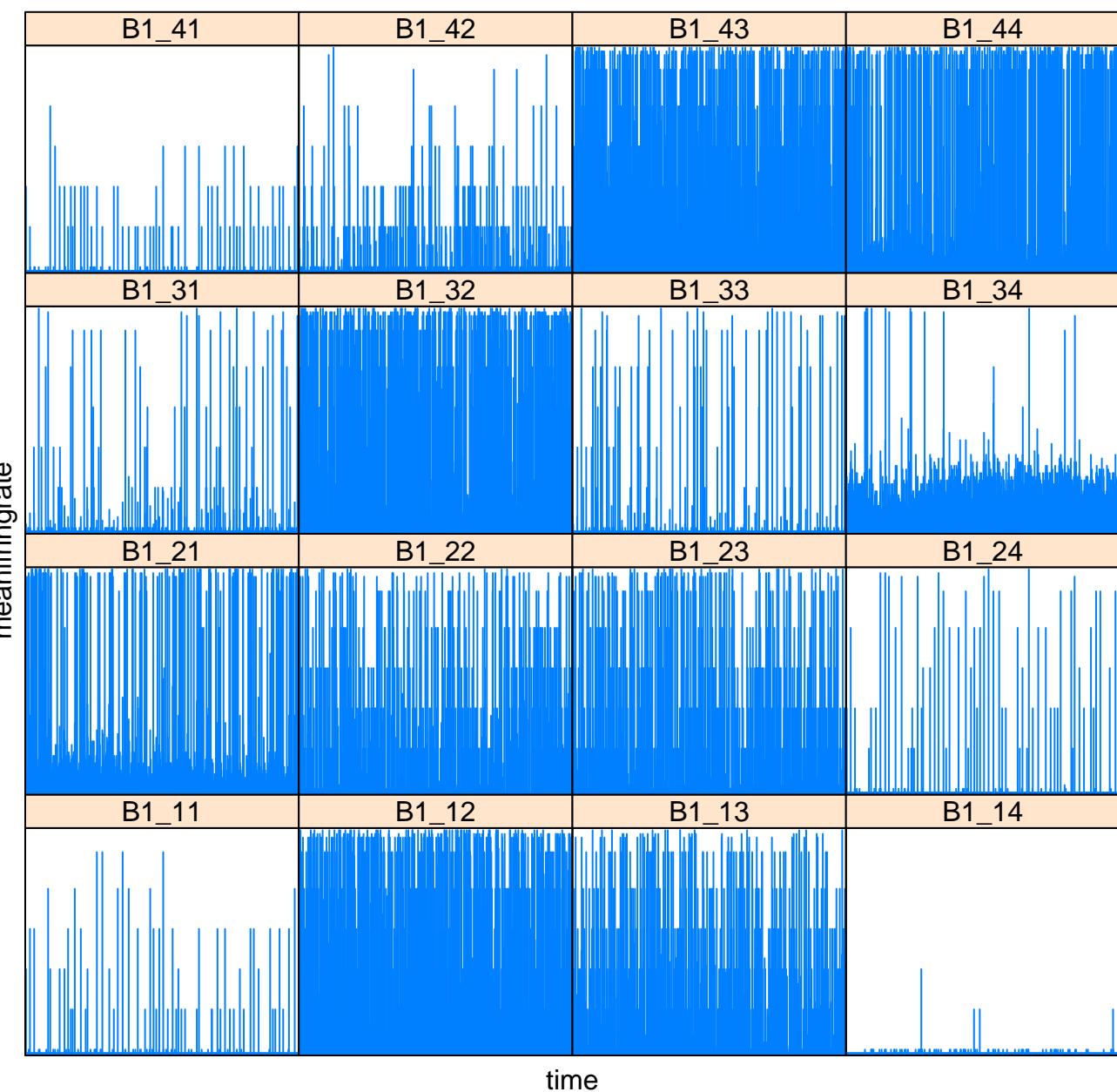
# Mean Firing Rate per Second for Well A7. Maximum firing rate:9 Hz



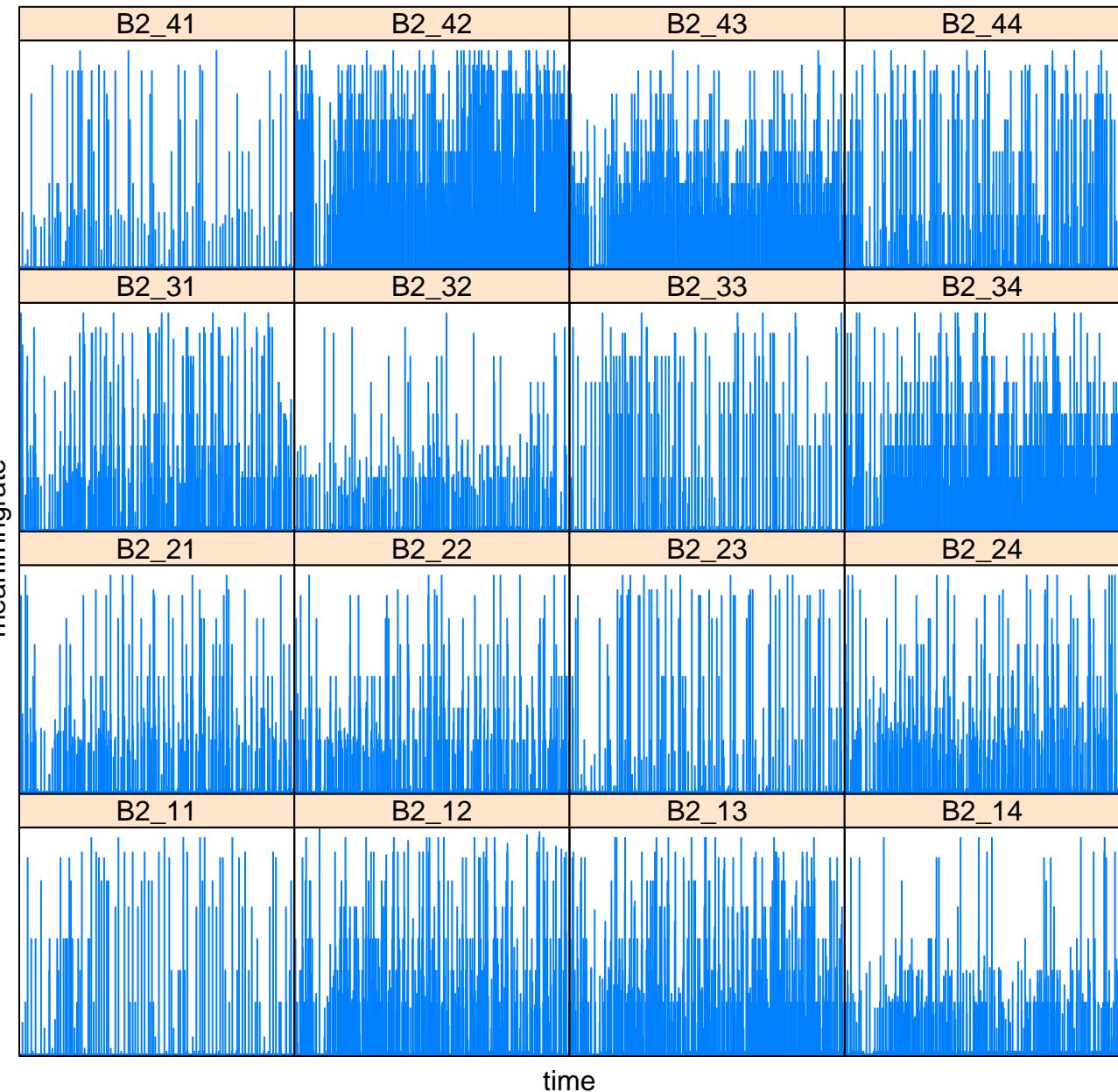
# Mean Firing Rate per Second for Well A8. Maximum firing rate:99 Hz



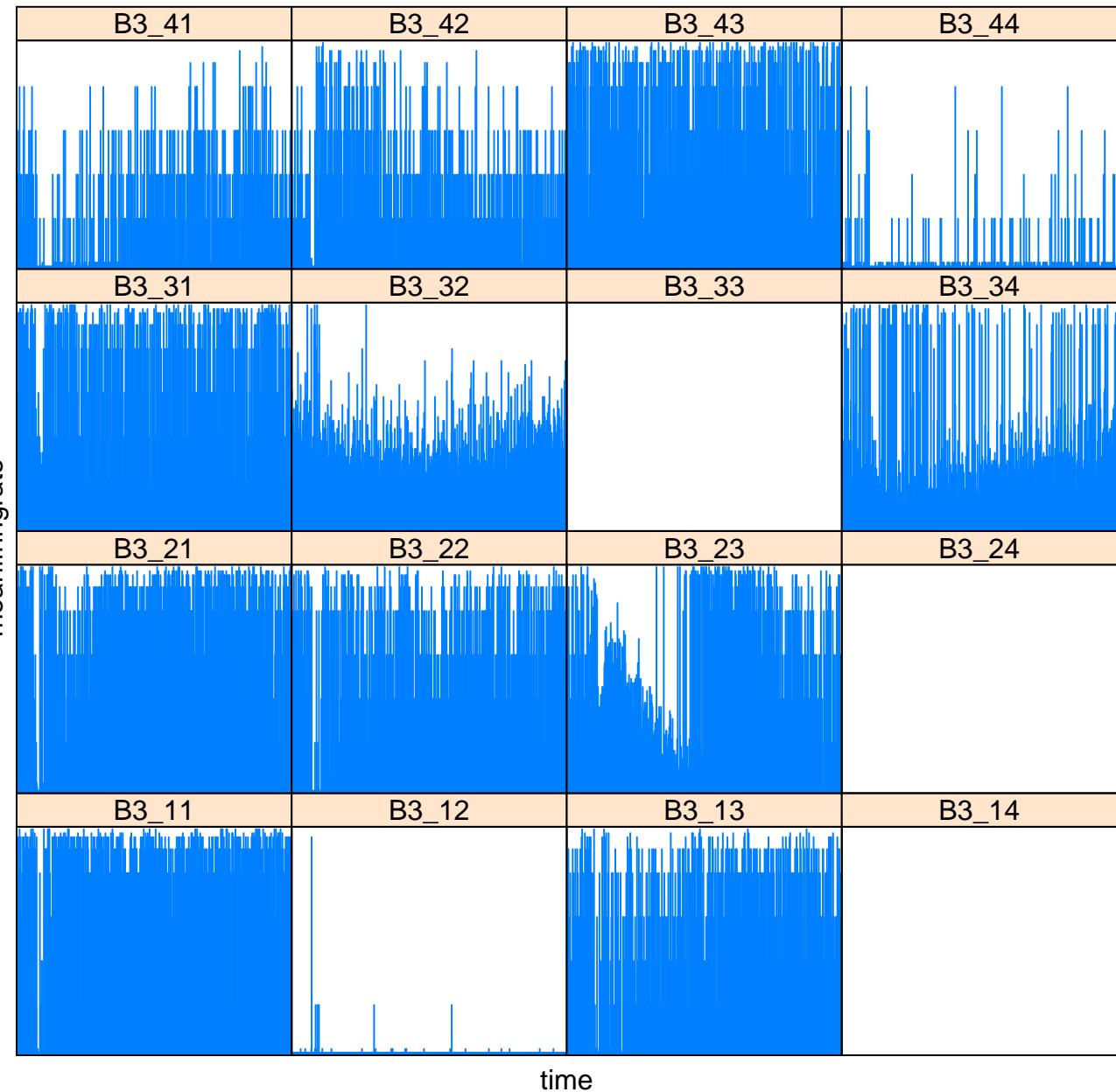
# Mean Firing Rate per Second for Well B1. Maximum firing rate:9 Hz



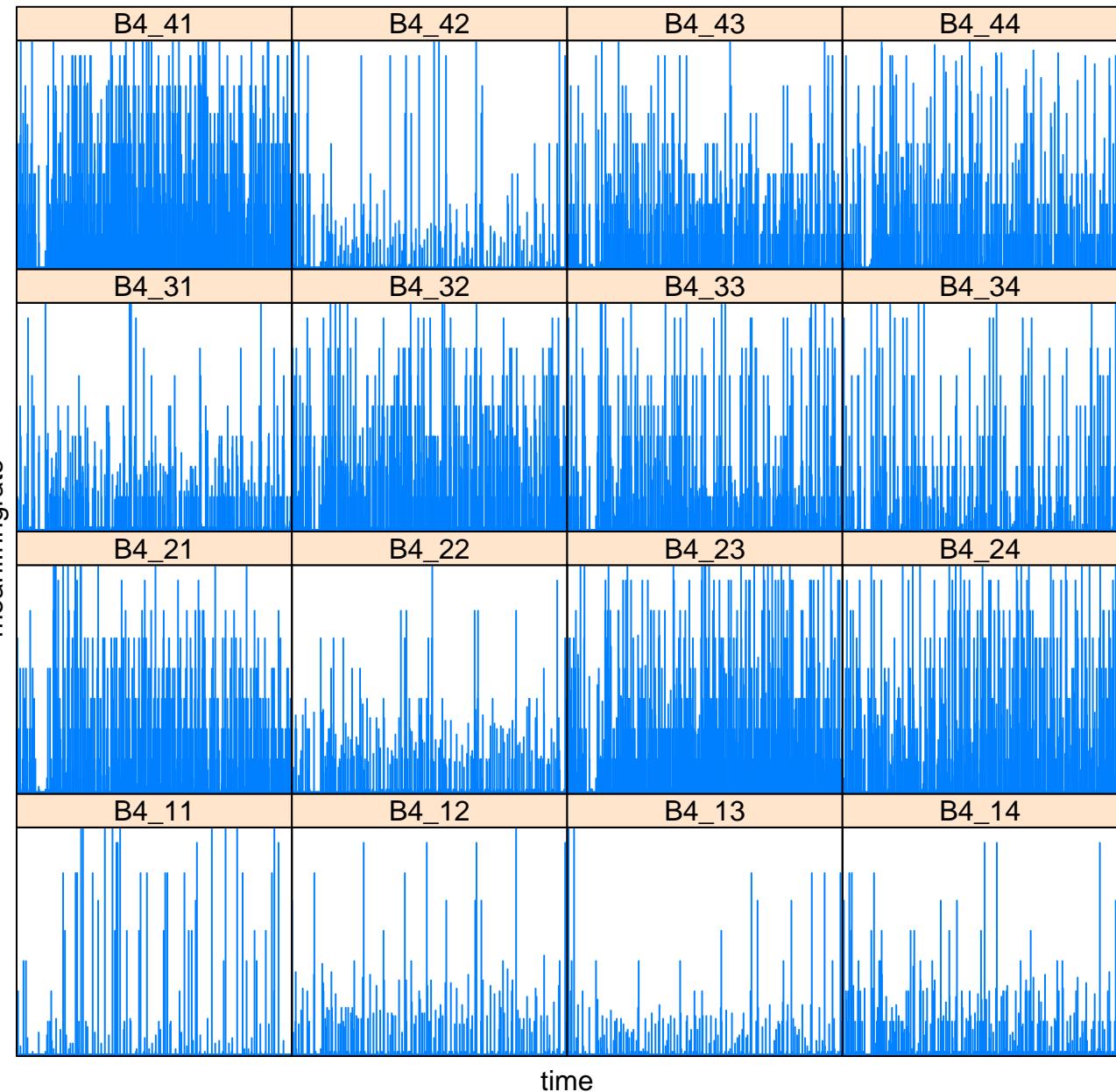
# Mean Firing Rate per Second for Well B2. Maximum firing rate: 98 Hz



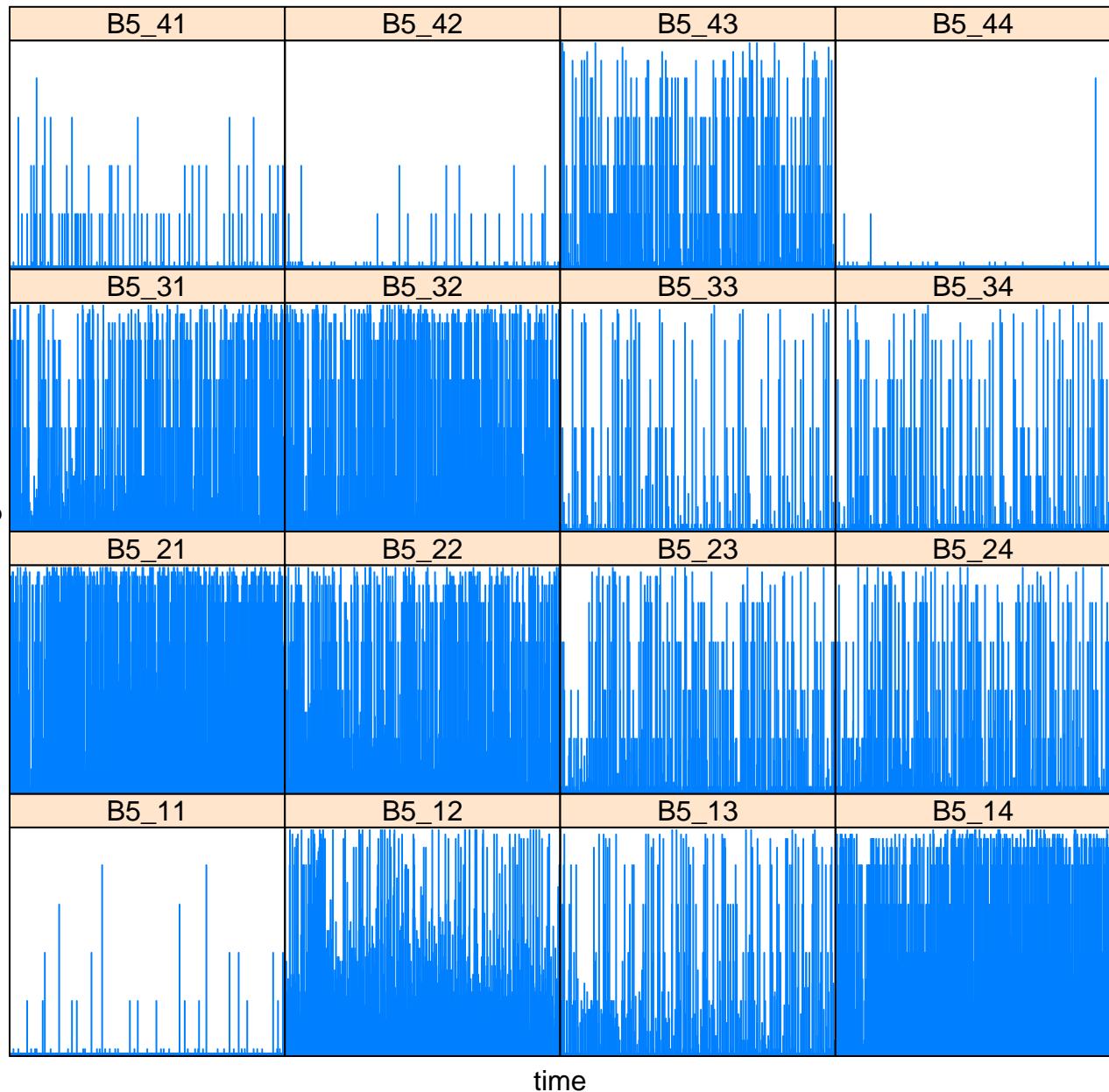
# Mean Firing Rate per Second for Well B3. Maximum firing rate:9 Hz



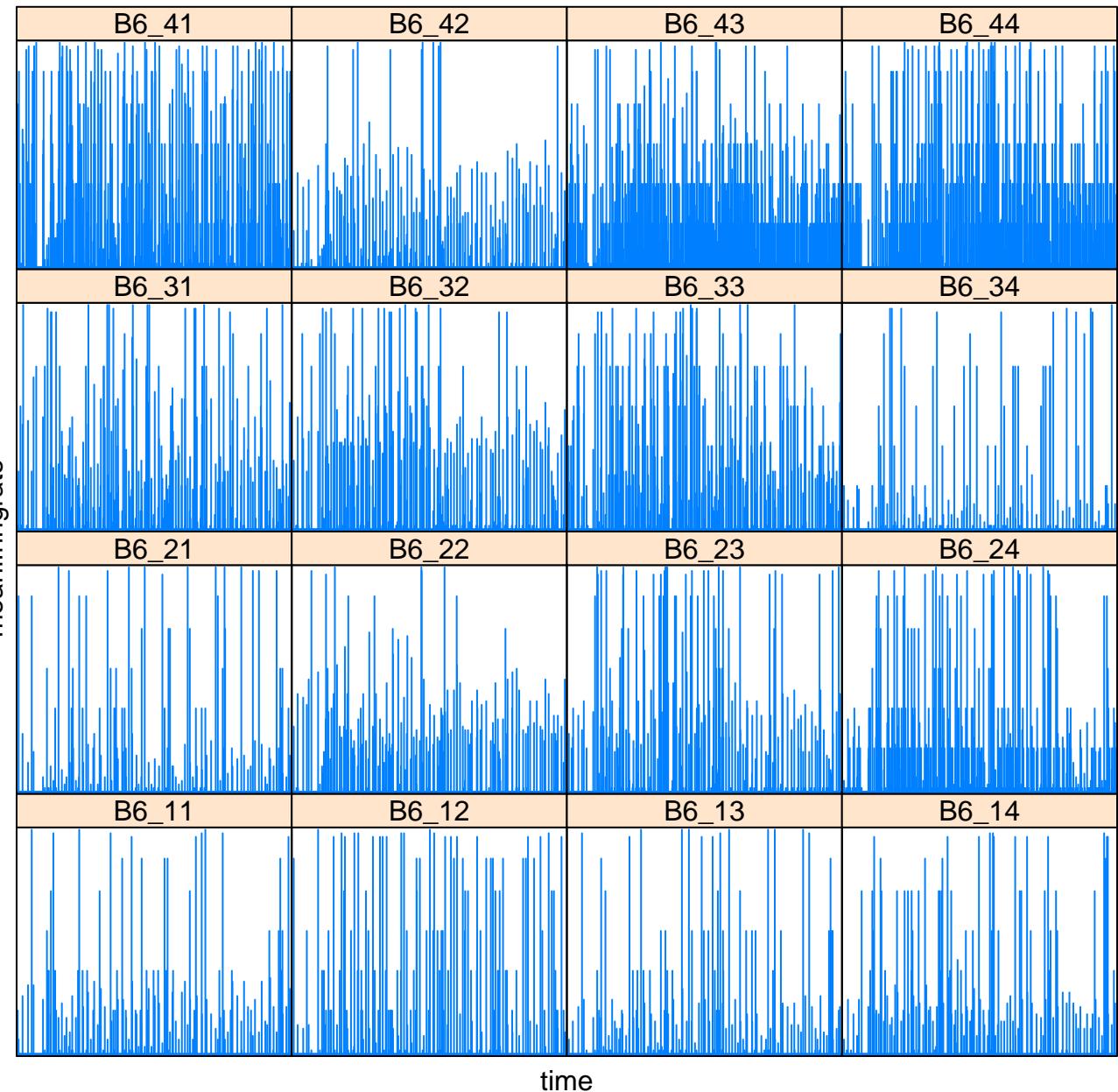
# Mean Firing Rate per Second for Well B4. Maximum firing rate:9 Hz



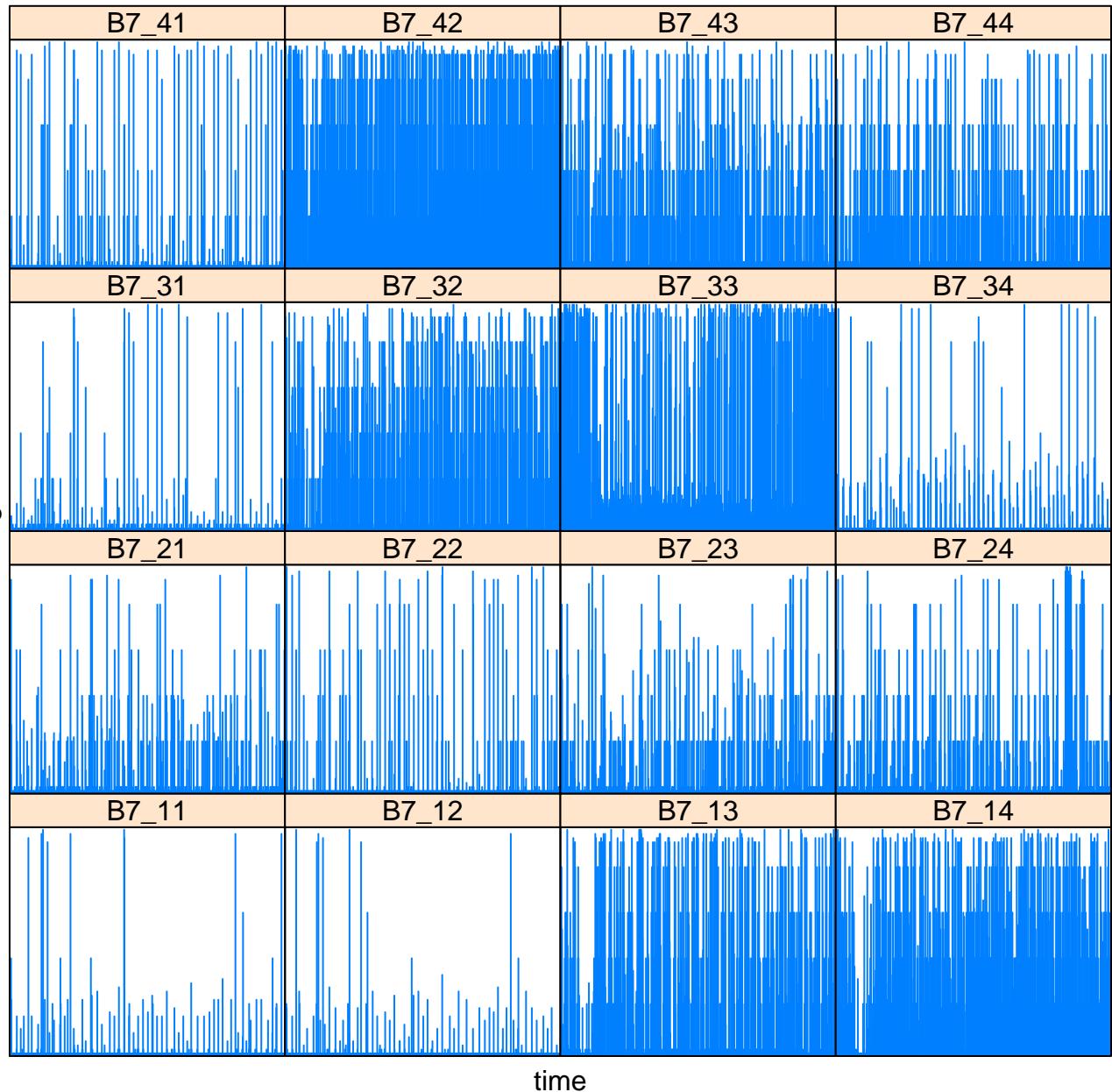
# Mean Firing Rate per Second for Well B5. Maximum firing rate:9 Hz



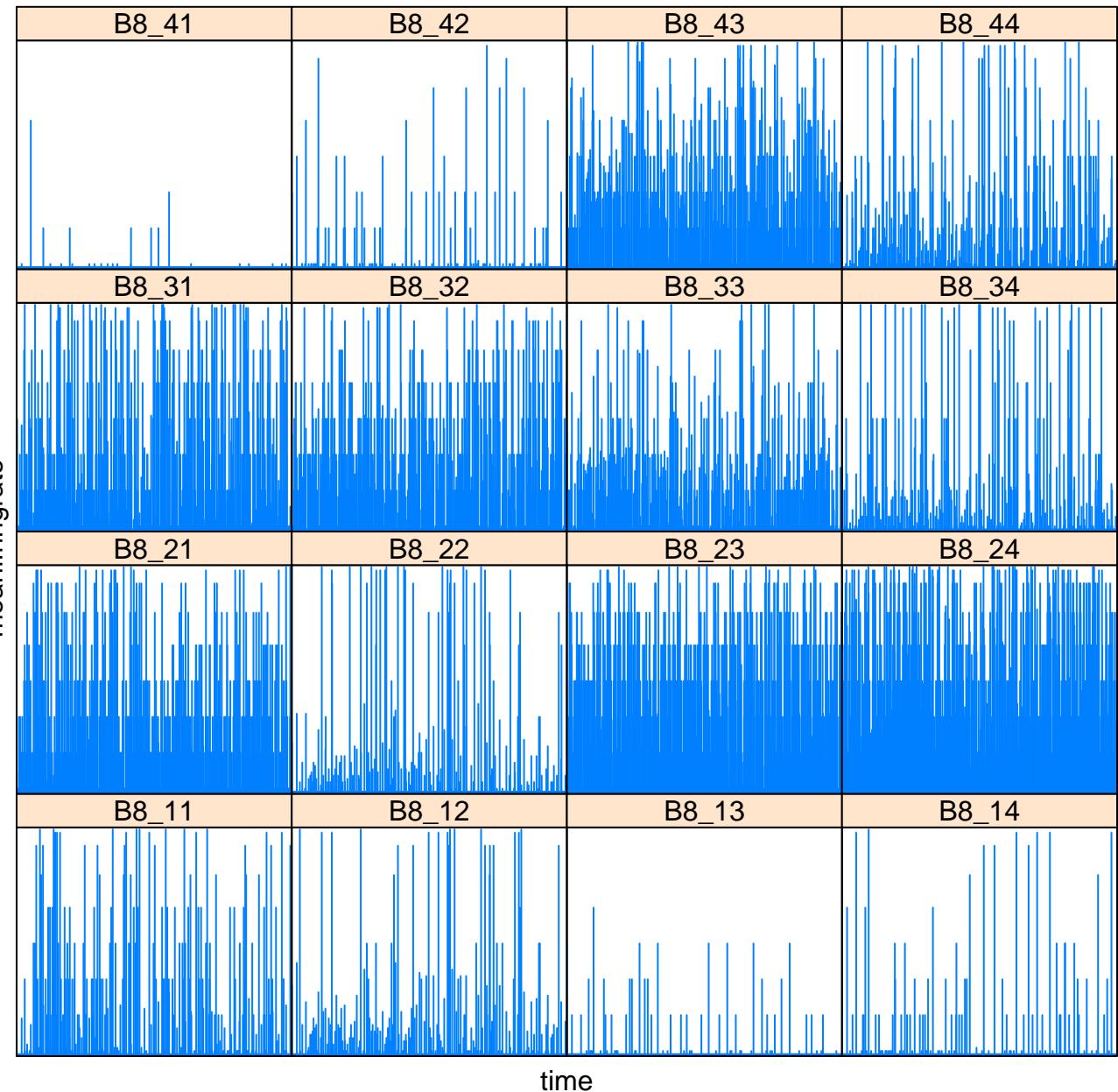
# Mean Firing Rate per Second for Well B6. Maximum firing rate:9 Hz



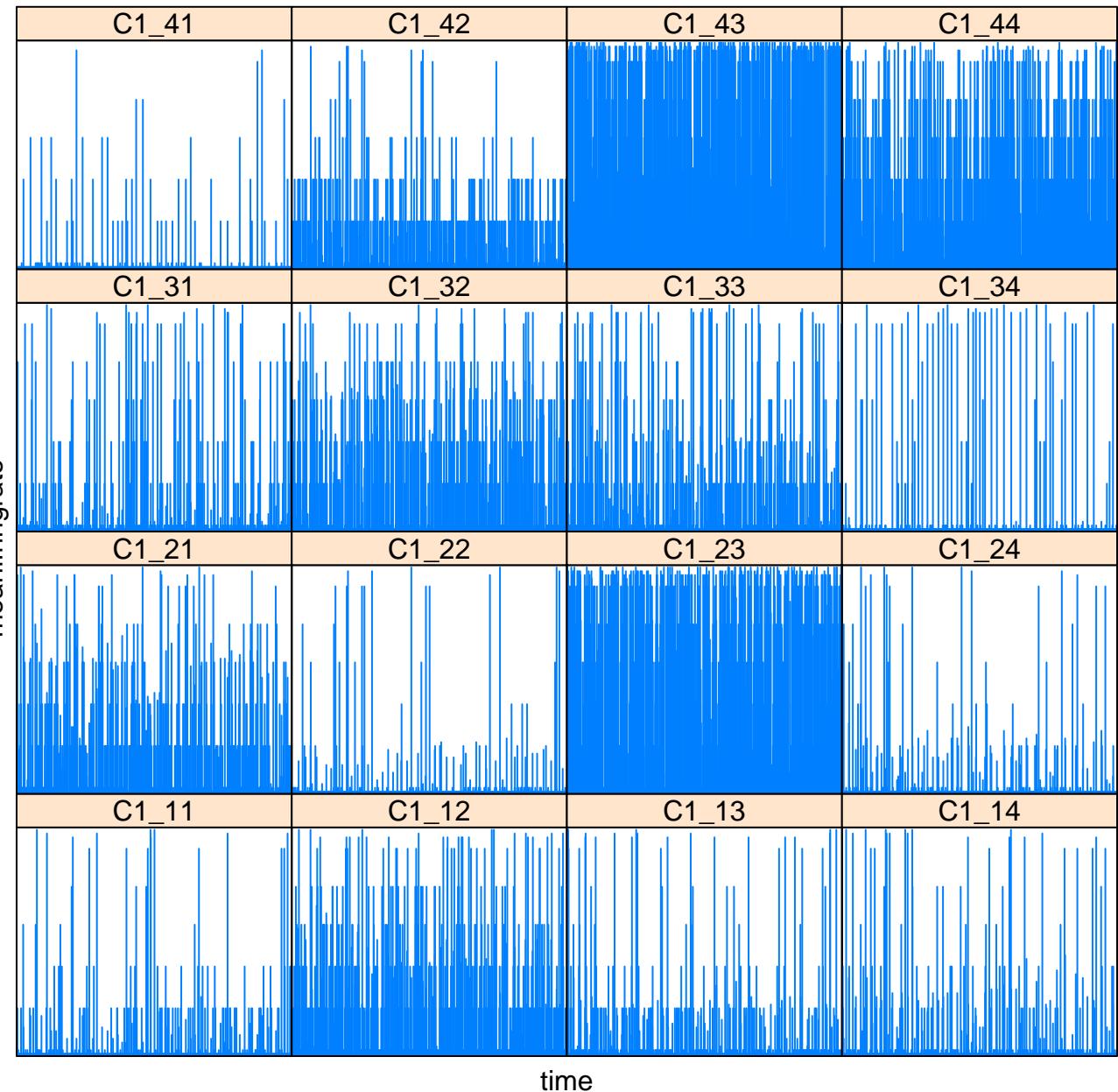
# Mean Firing Rate per Second for Well B7. Maximum firing rate:9 Hz



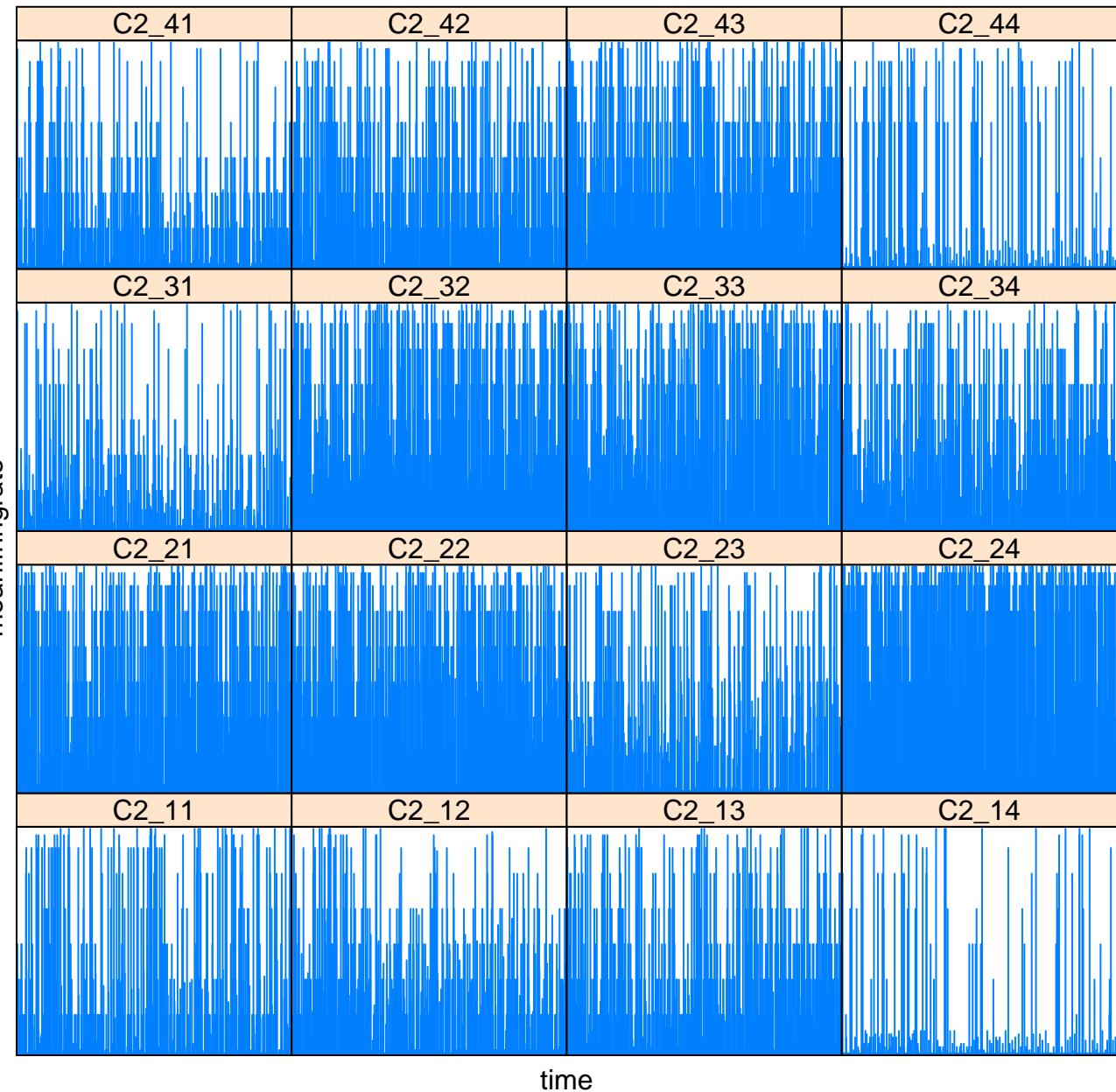
# Mean Firing Rate per Second for Well B8. Maximum firing rate:9 Hz



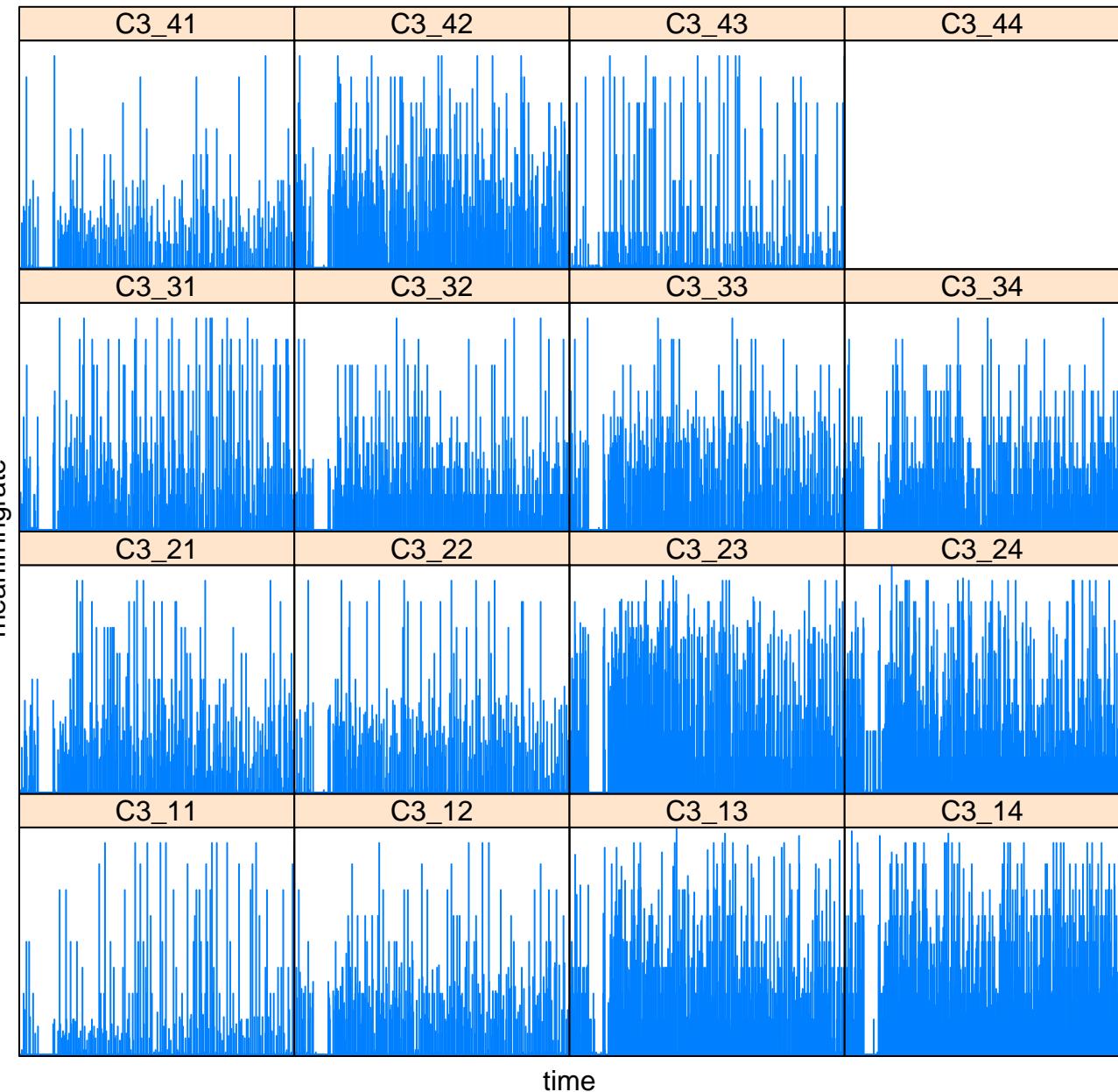
# Mean Firing Rate per Second for Well C1. Maximum firing rate:9 Hz



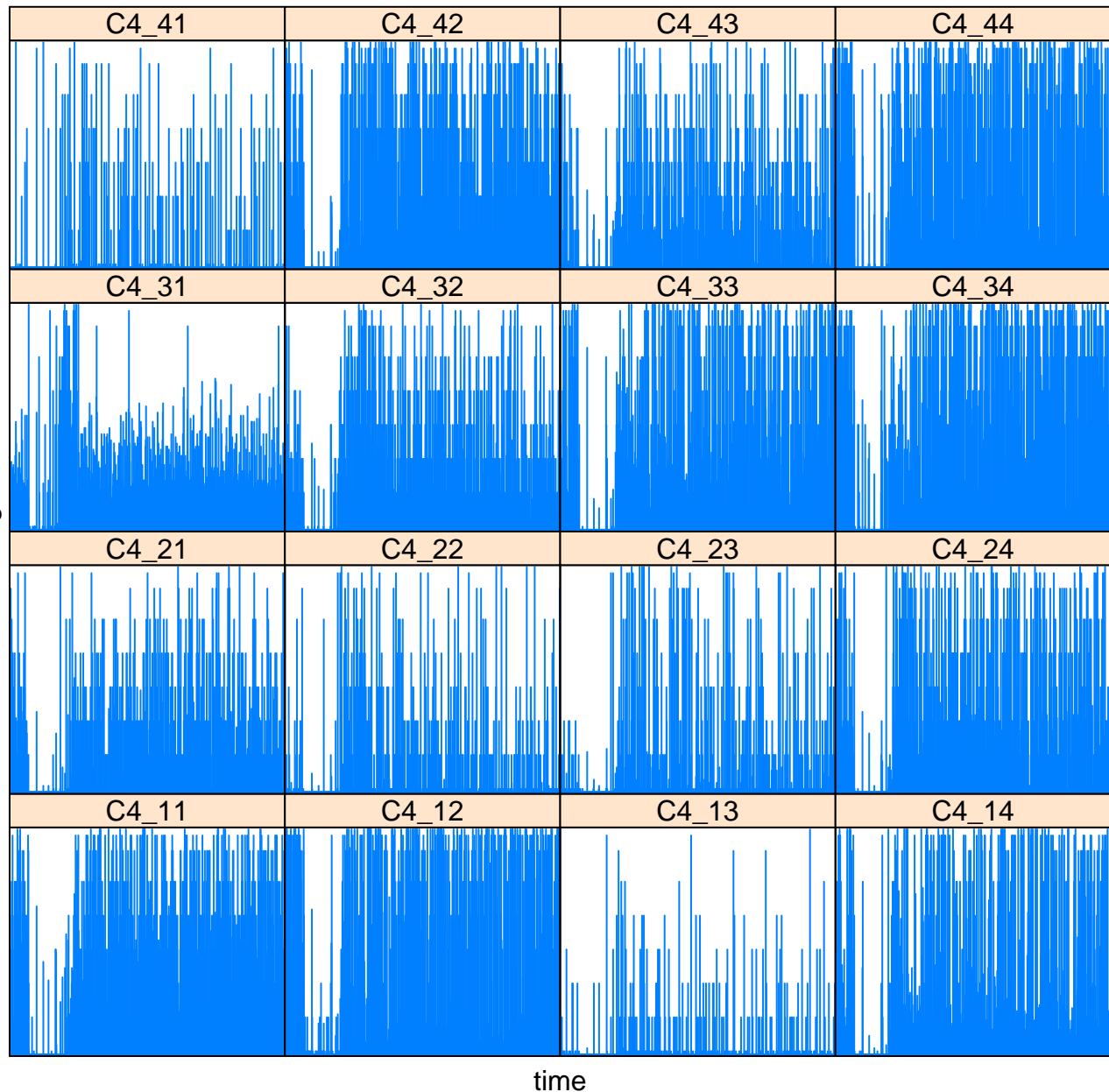
# Mean Firing Rate per Second for Well C2. Maximum firing rate:9 Hz



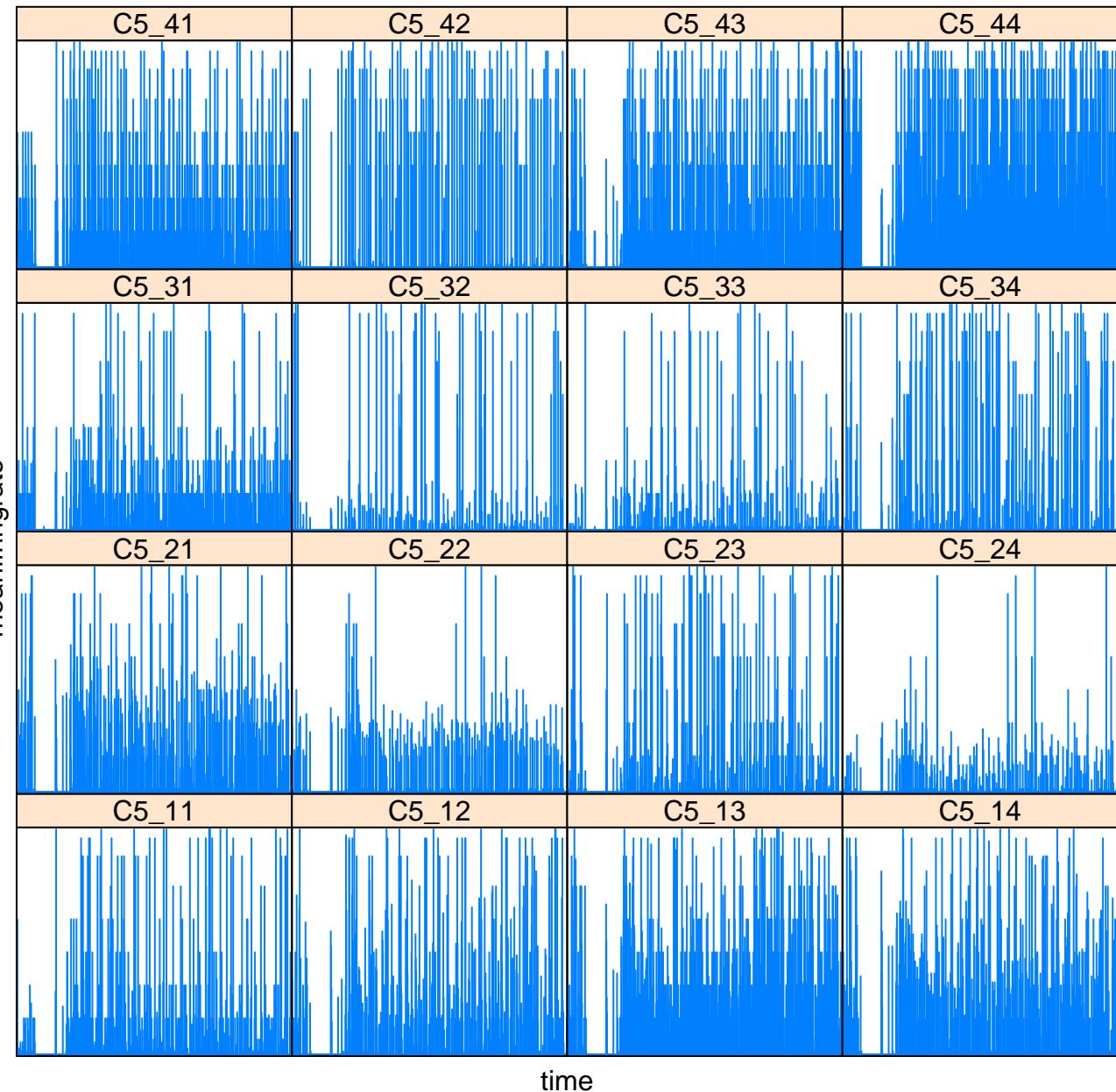
# Mean Firing Rate per Second for Well C3. Maximum firing rate:97 Hz



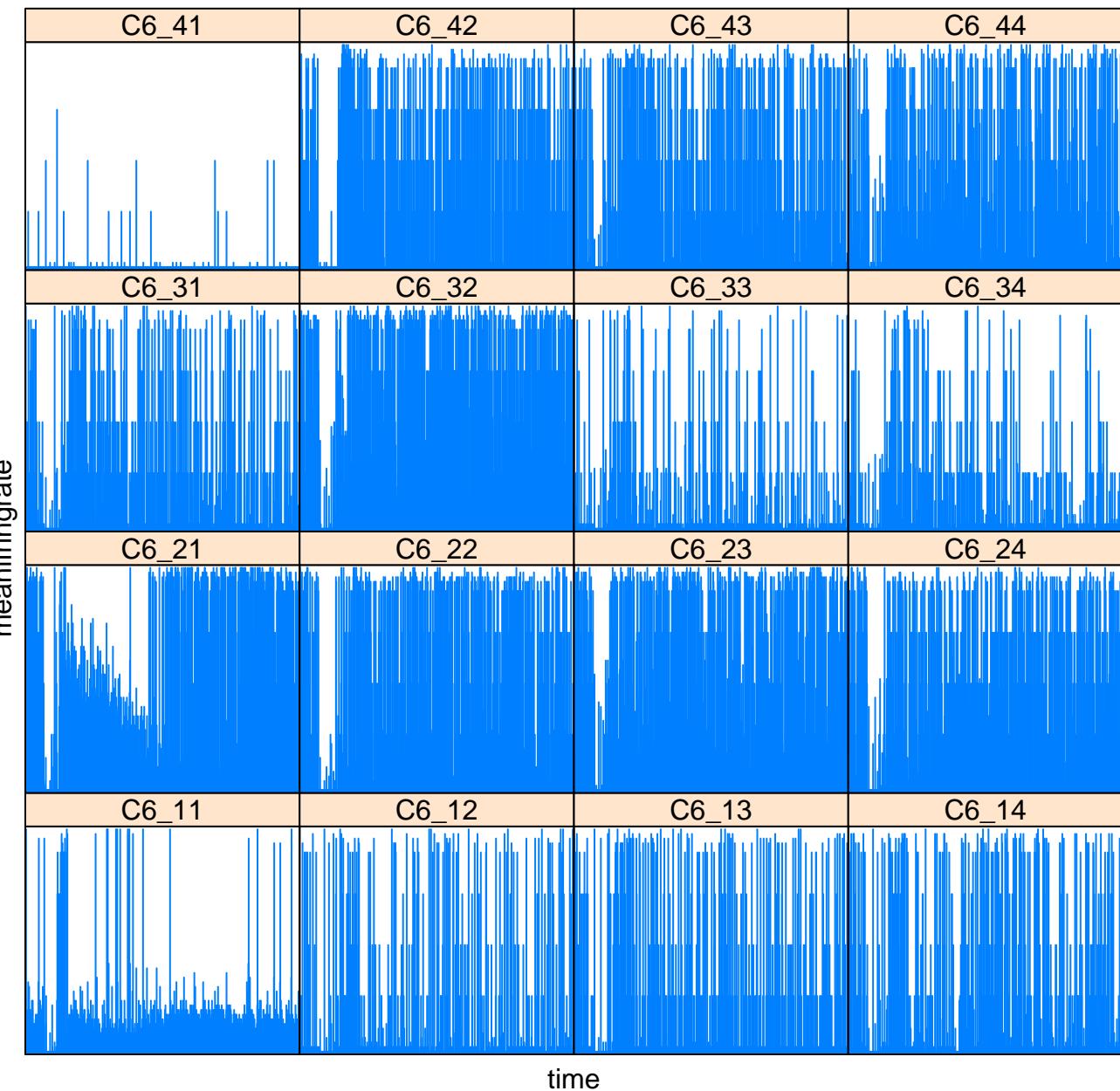
# Mean Firing Rate per Second for Well C4. Maximum firing rate:9 Hz



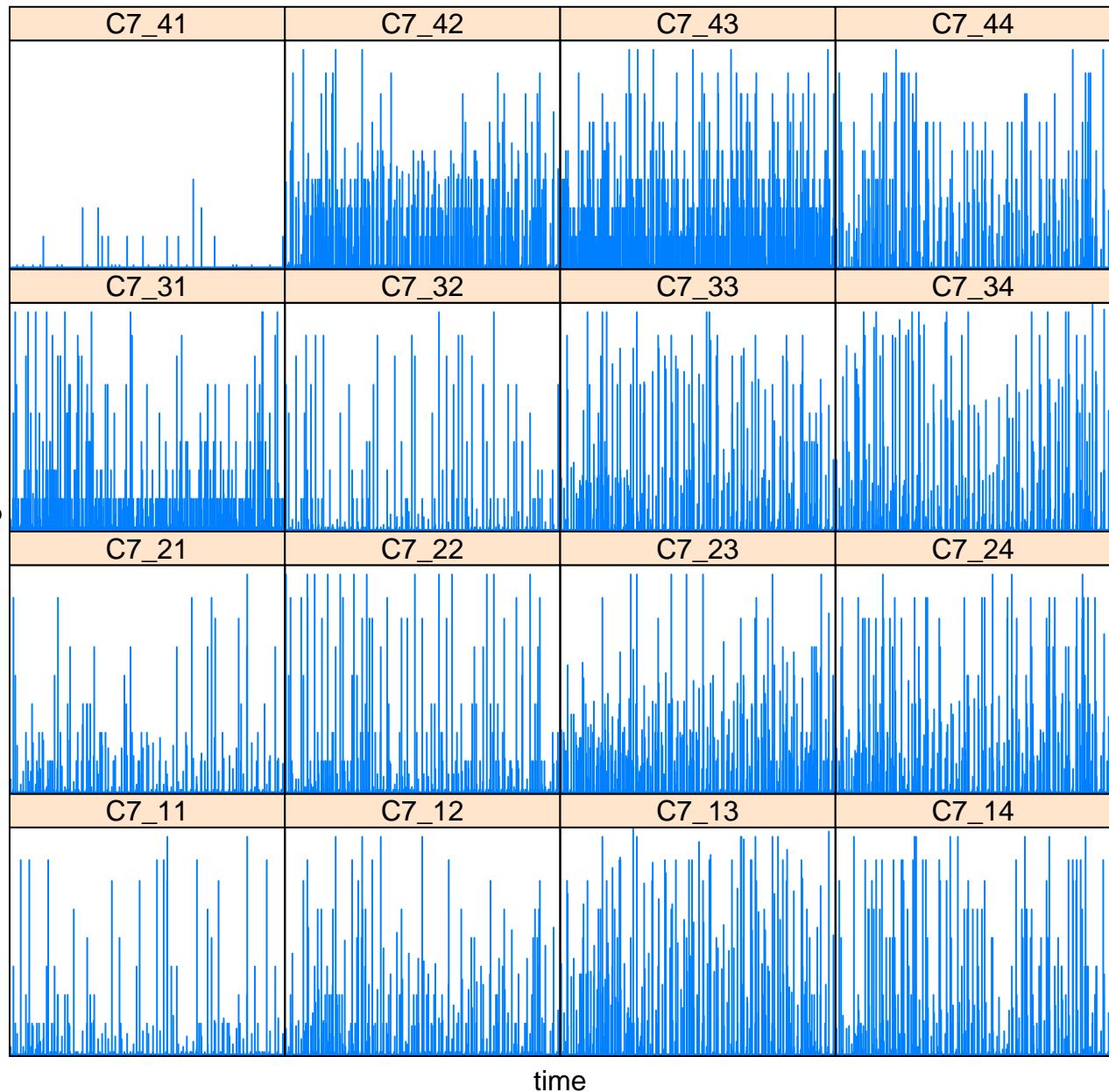
# Mean Firing Rate per Second for Well C5. Maximum firing rate:9 Hz



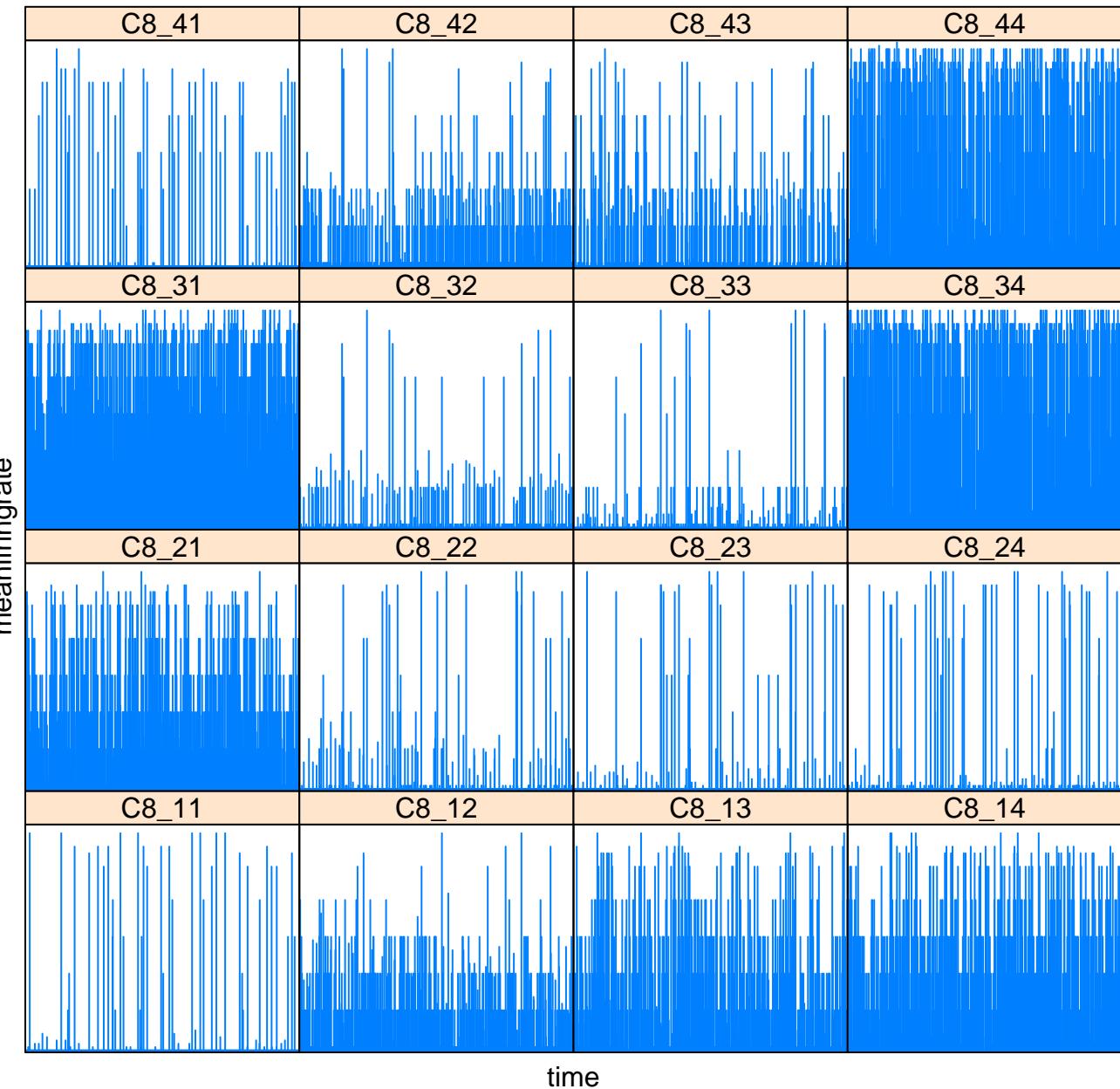
# Mean Firing Rate per Second for Well C6. Maximum firing rate:9 Hz



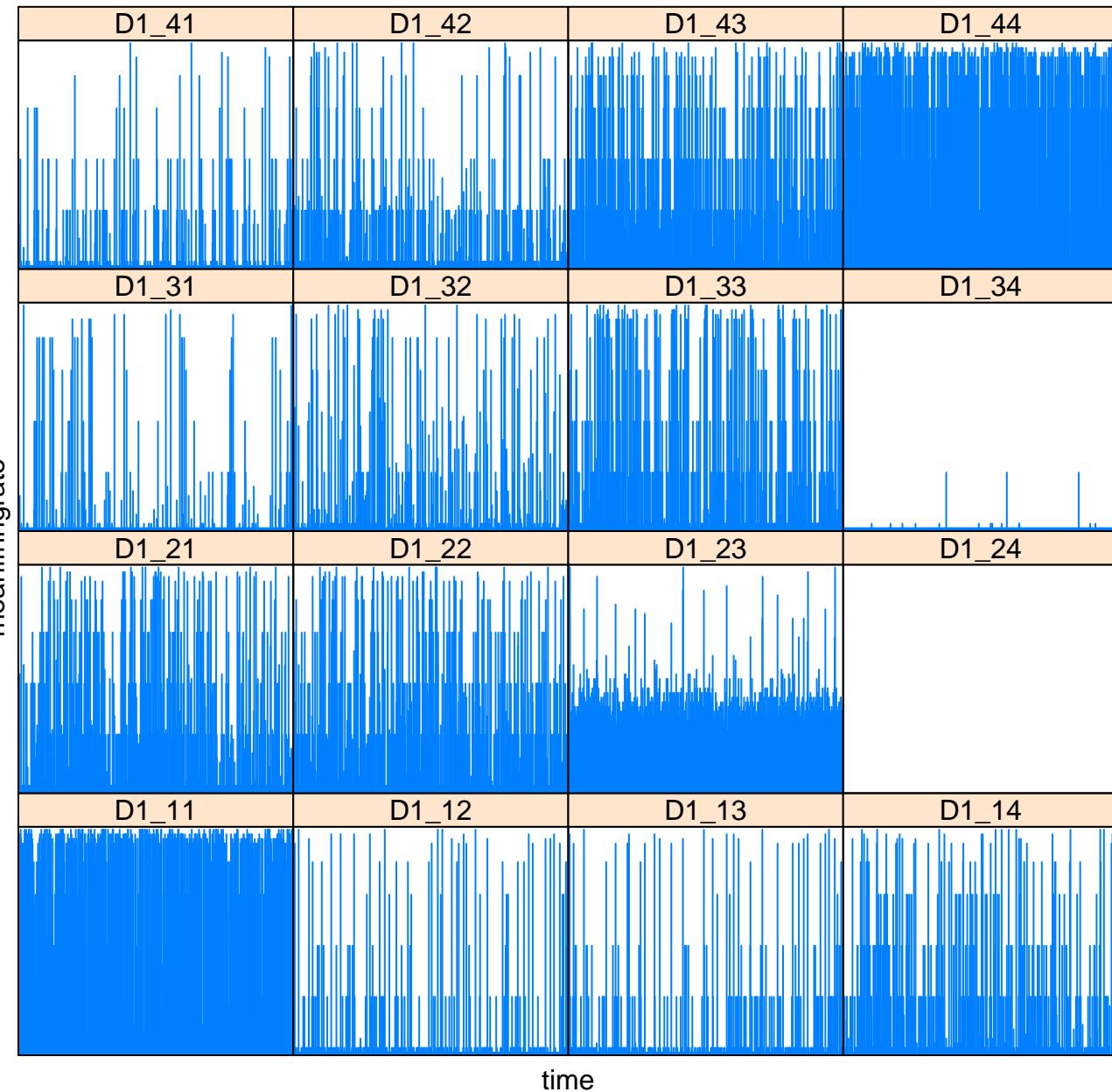
# Mean Firing Rate per Second for Well C7. Maximum firing rate: 95 Hz



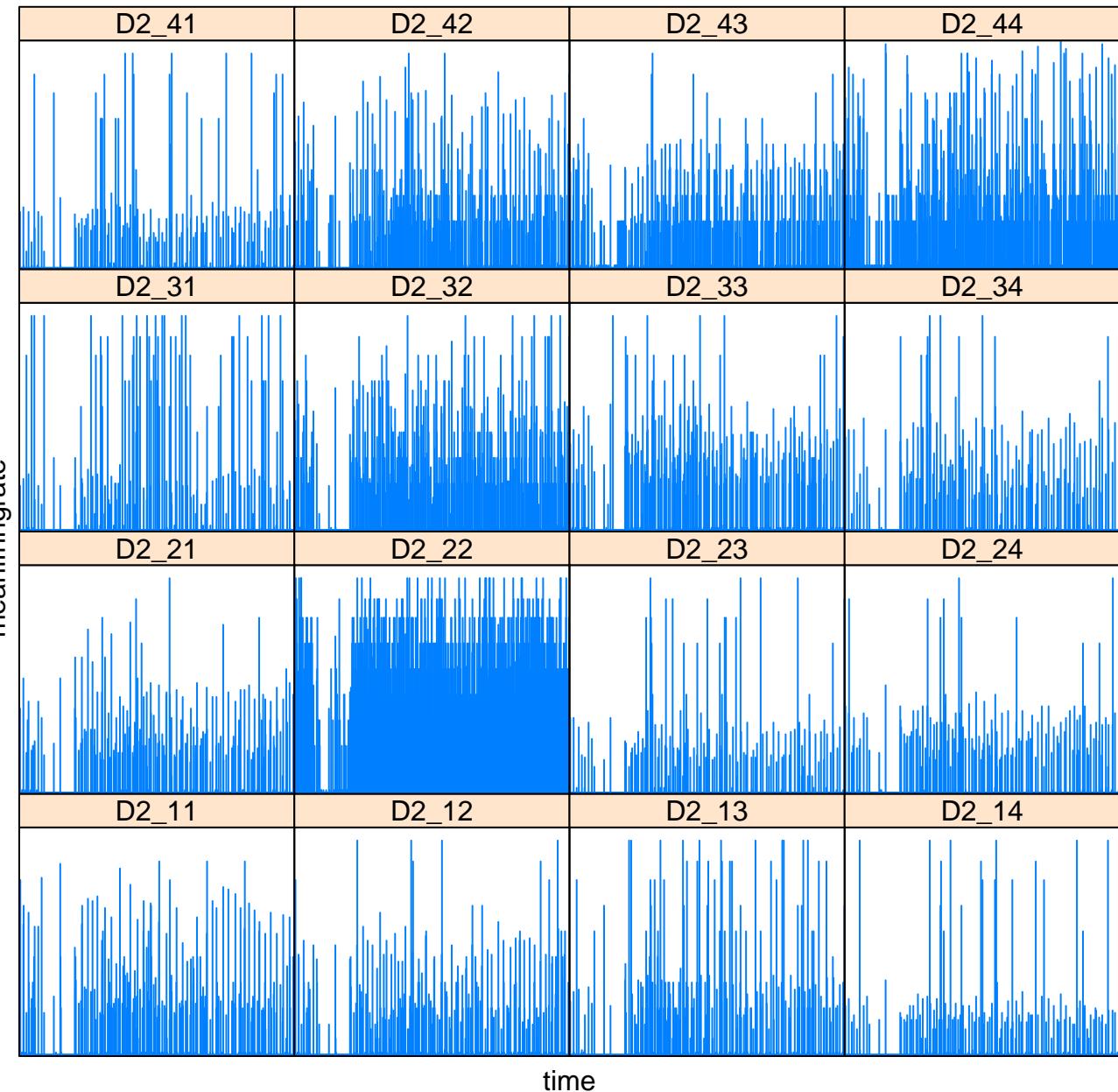
# Mean Firing Rate per Second for Well C8. Maximum firing rate:99 Hz



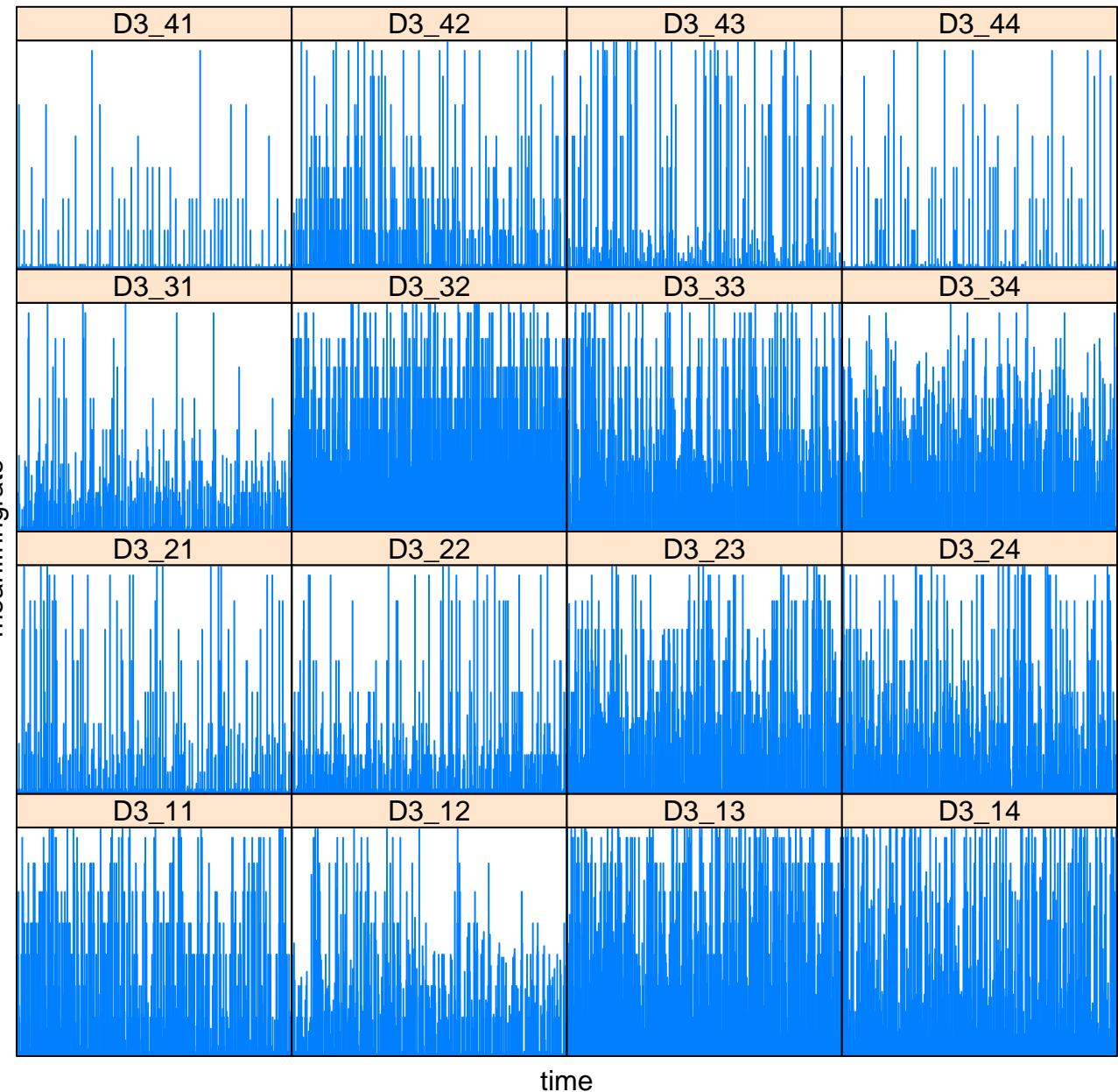
# Mean Firing Rate per Second for Well D1. Maximum firing rate:9 Hz



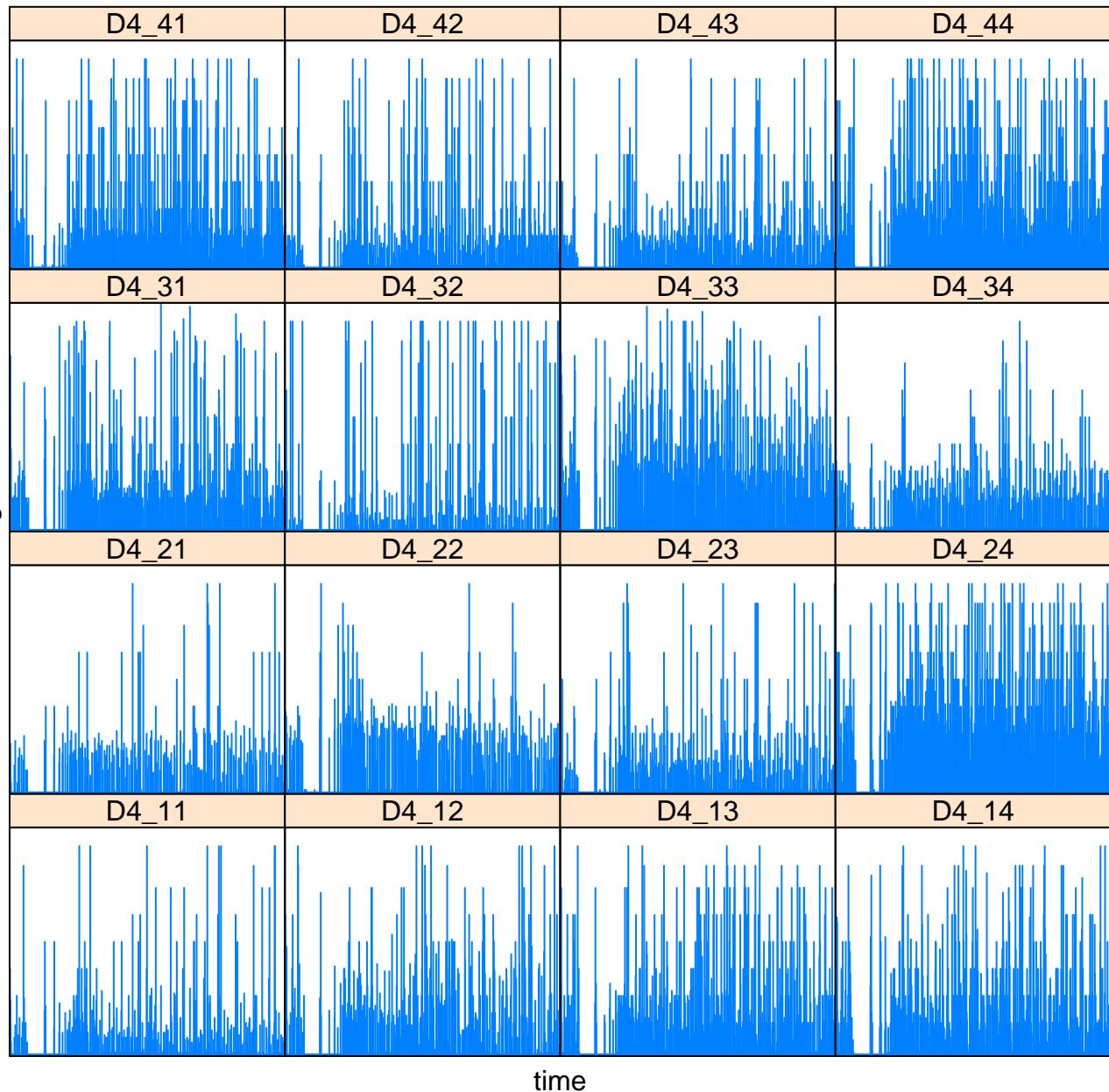
# Mean Firing Rate per Second for Well D2. Maximum firing rate: 99 Hz



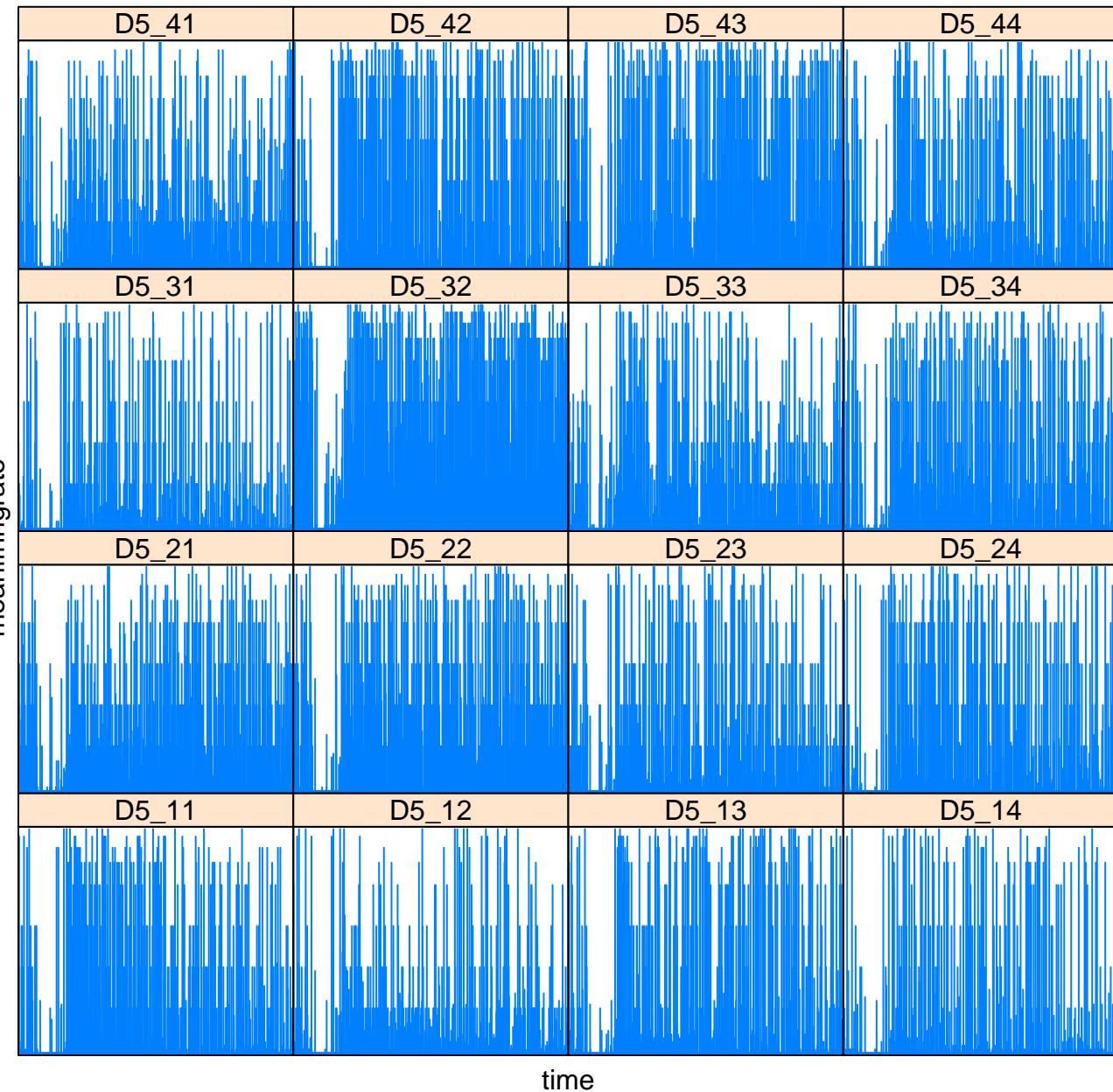
# Mean Firing Rate per Second for Well D3. Maximum firing rate:9 Hz



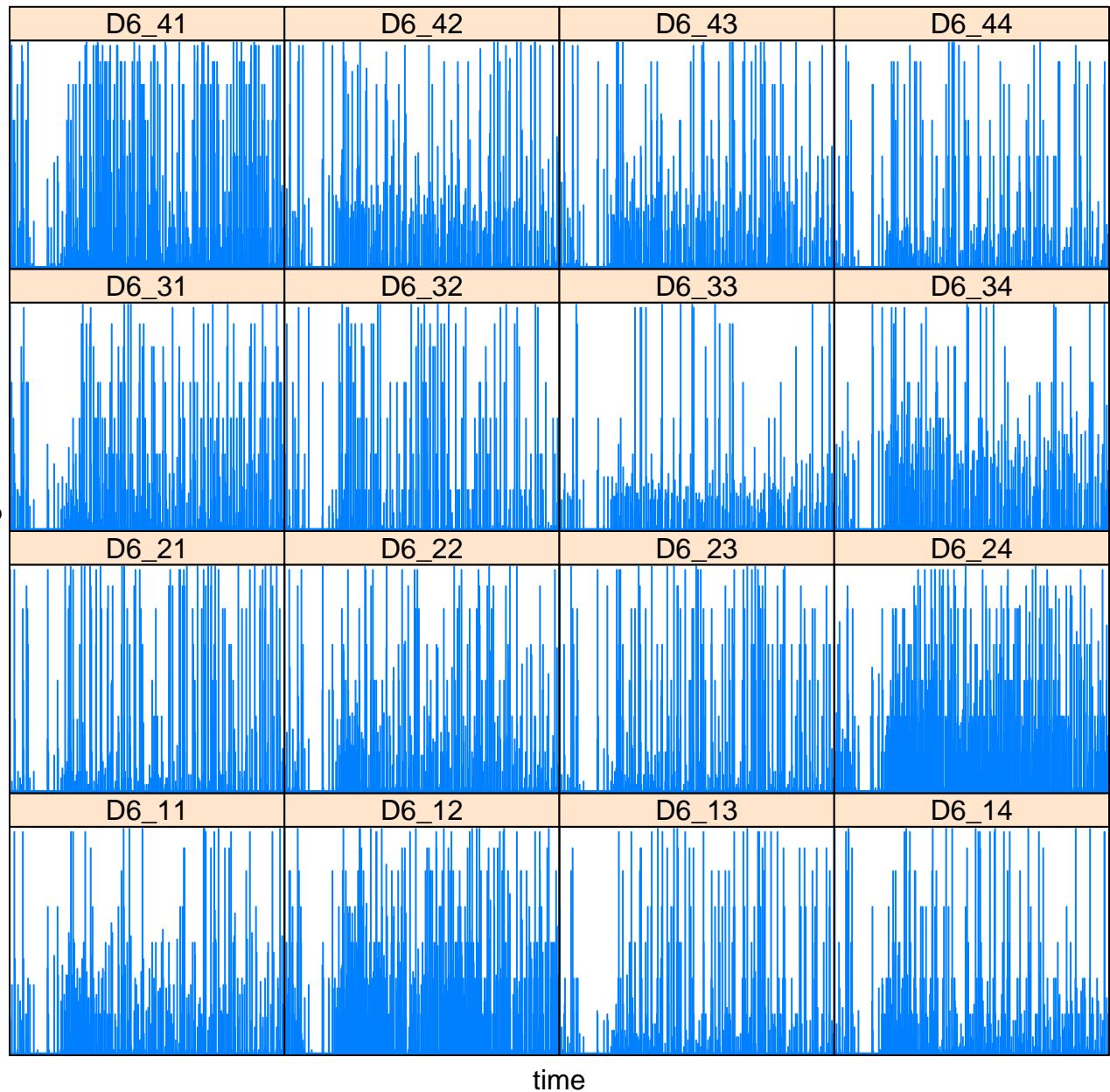
# Mean Firing Rate per Second for Well D4. Maximum firing rate: 98 Hz



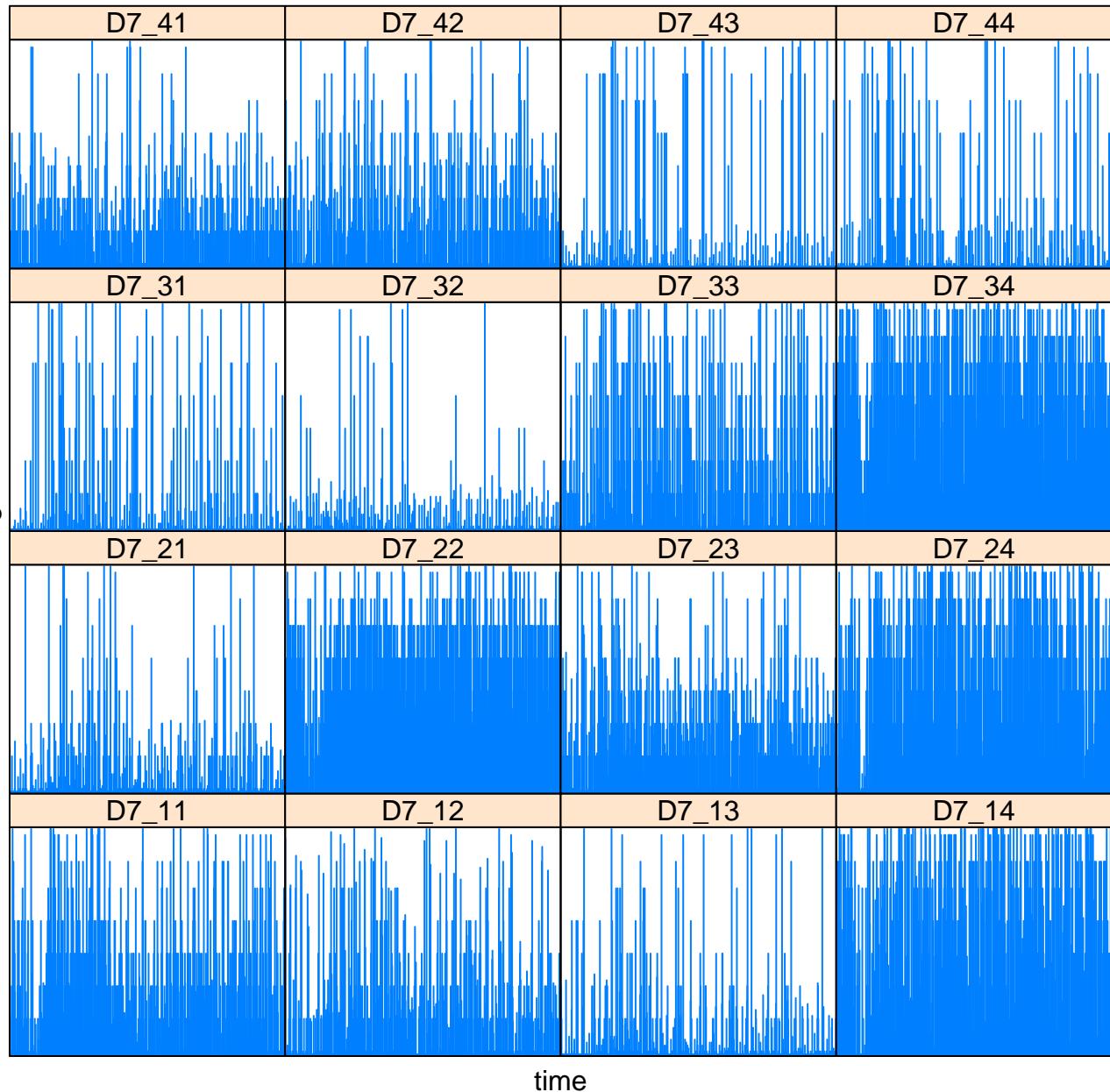
# Mean Firing Rate per Second for Well D5. Maximum firing rate:9 Hz



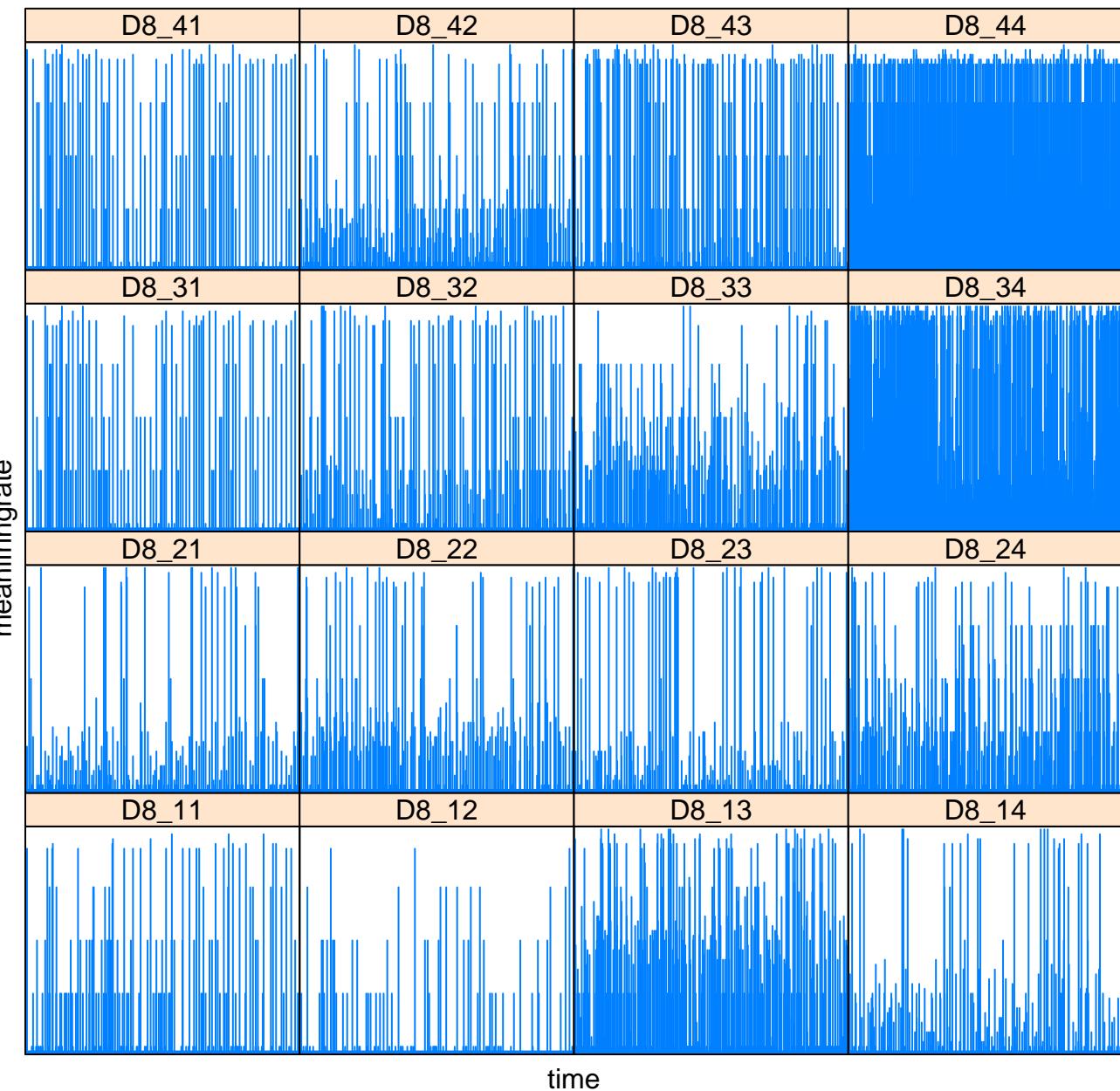
# Mean Firing Rate per Second for Well D6. Maximum firing rate:9 Hz



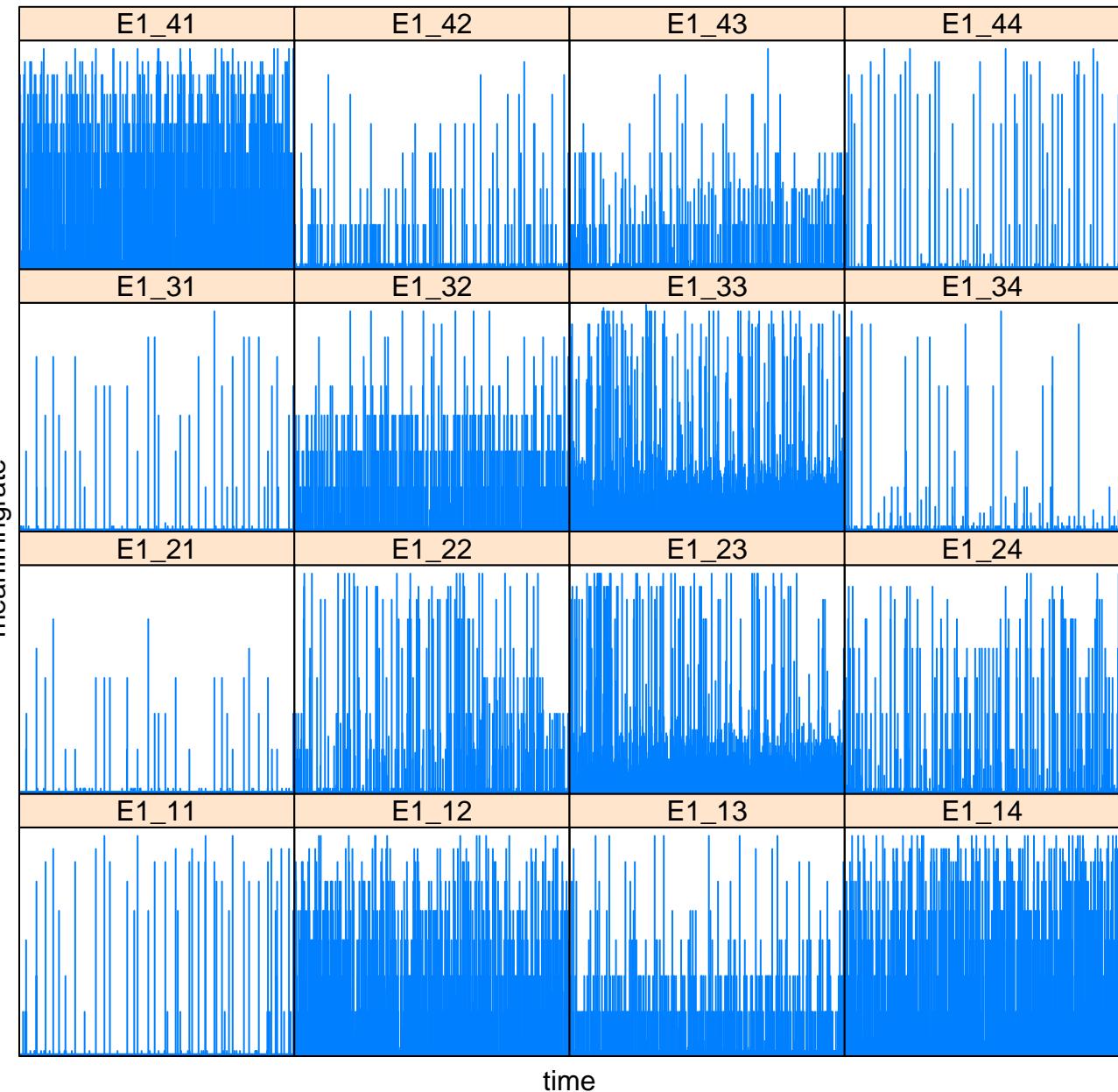
# Mean Firing Rate per Second for Well D7. Maximum firing rate:9 Hz



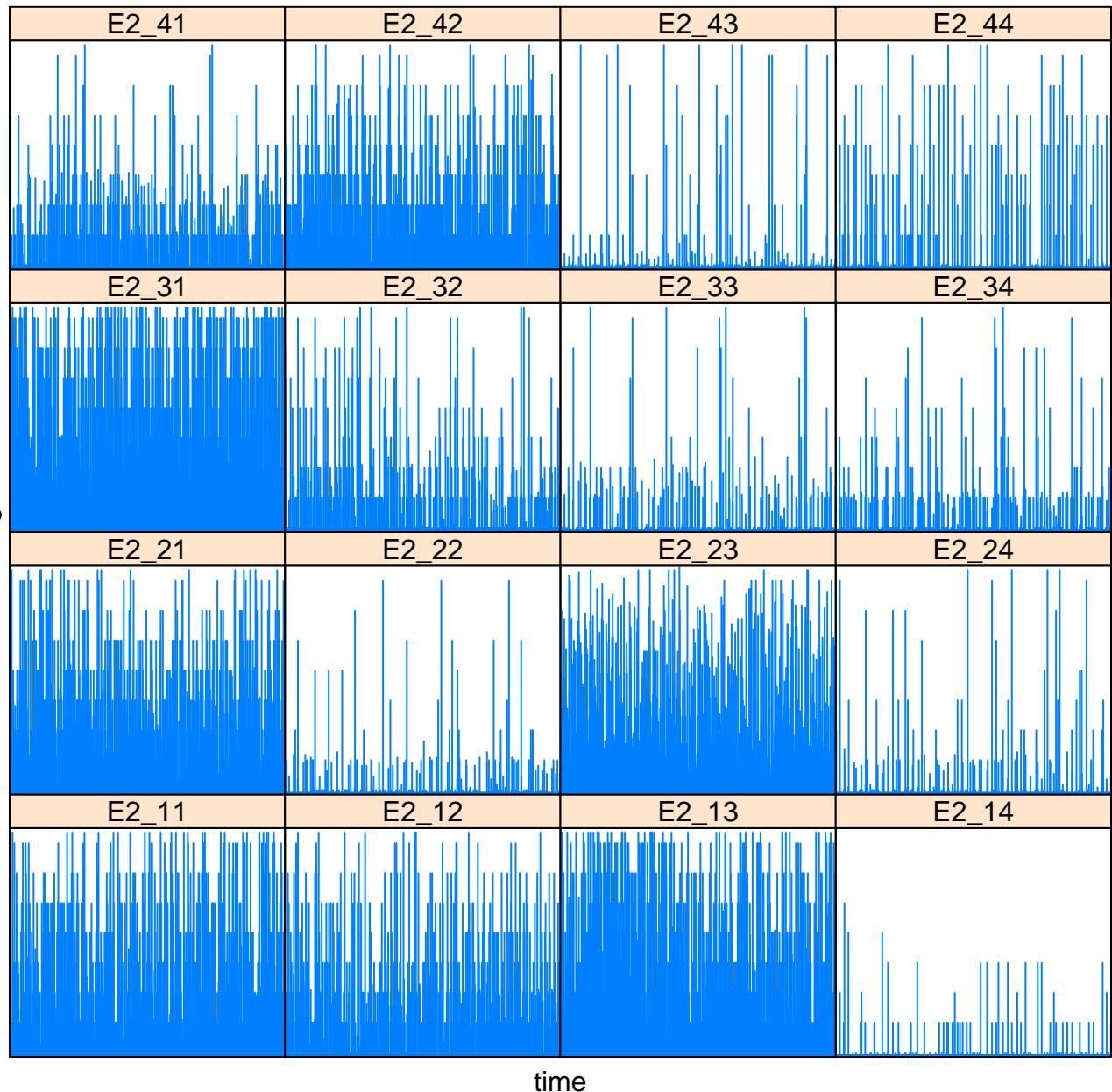
# Mean Firing Rate per Second for Well D8. Maximum firing rate:9 Hz



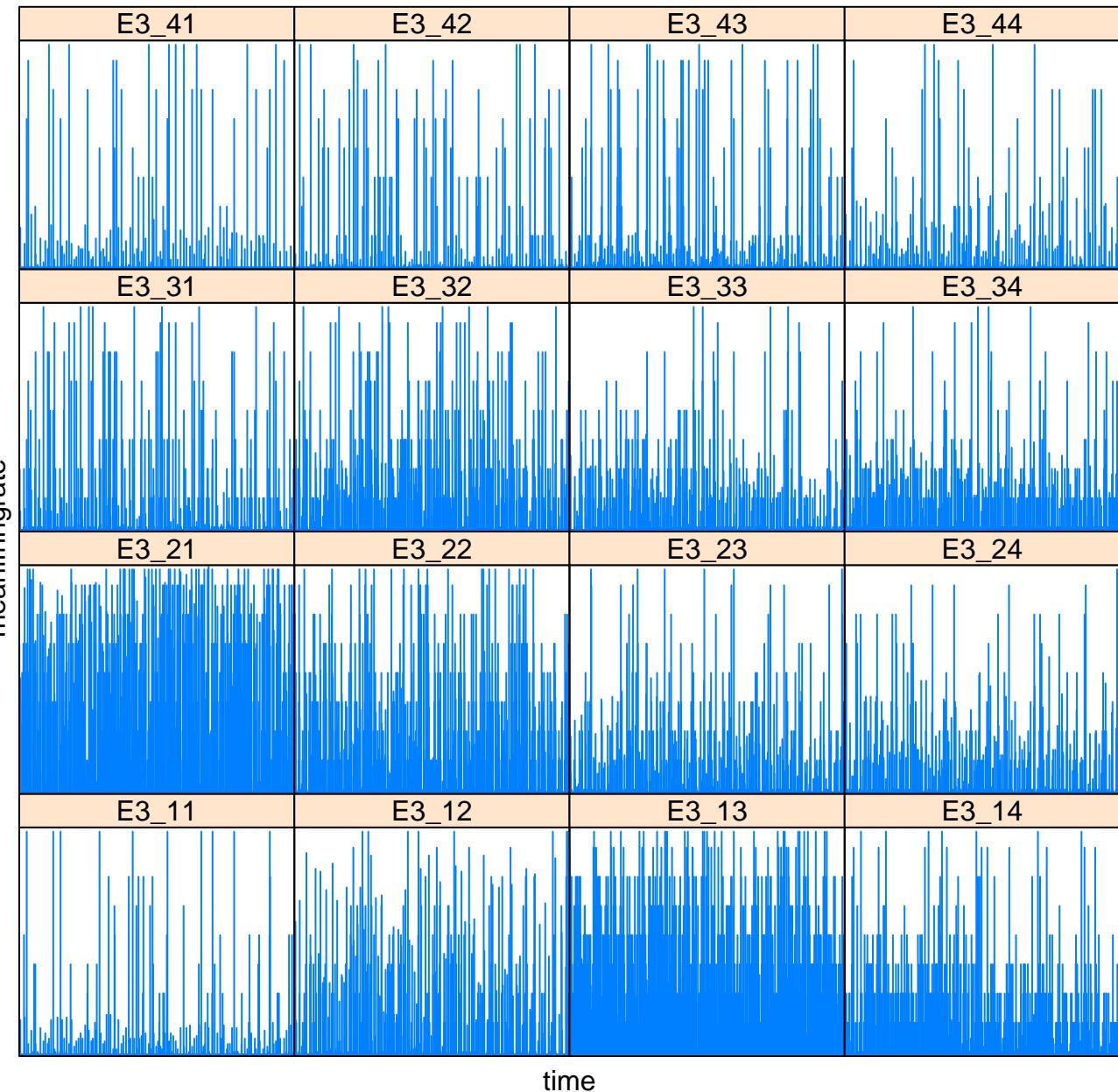
# Mean Firing Rate per Second for Well E1. Maximum firing rate: 94 Hz



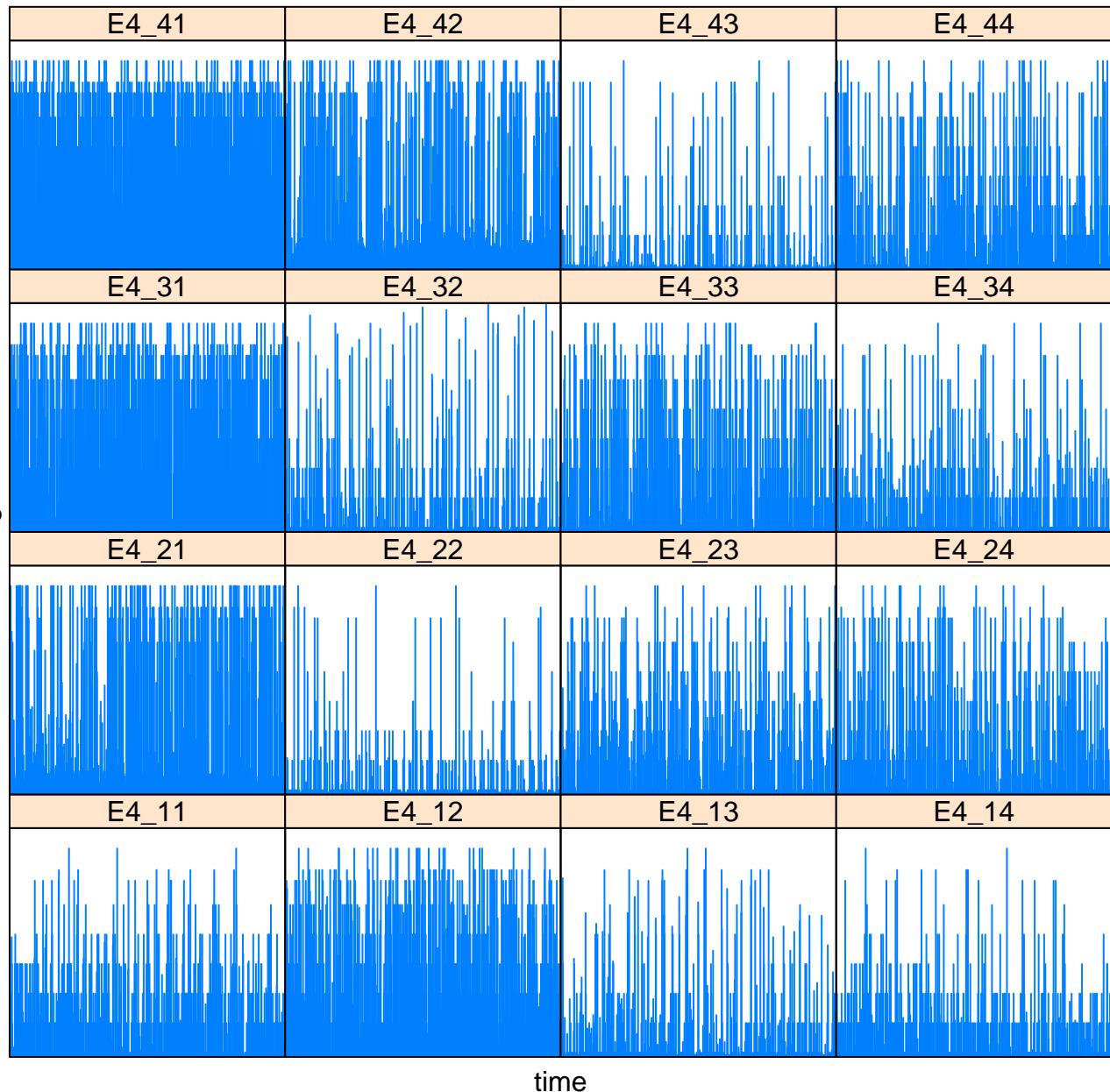
# Mean Firing Rate per Second for Well E2. Maximum firing rate: 93 Hz



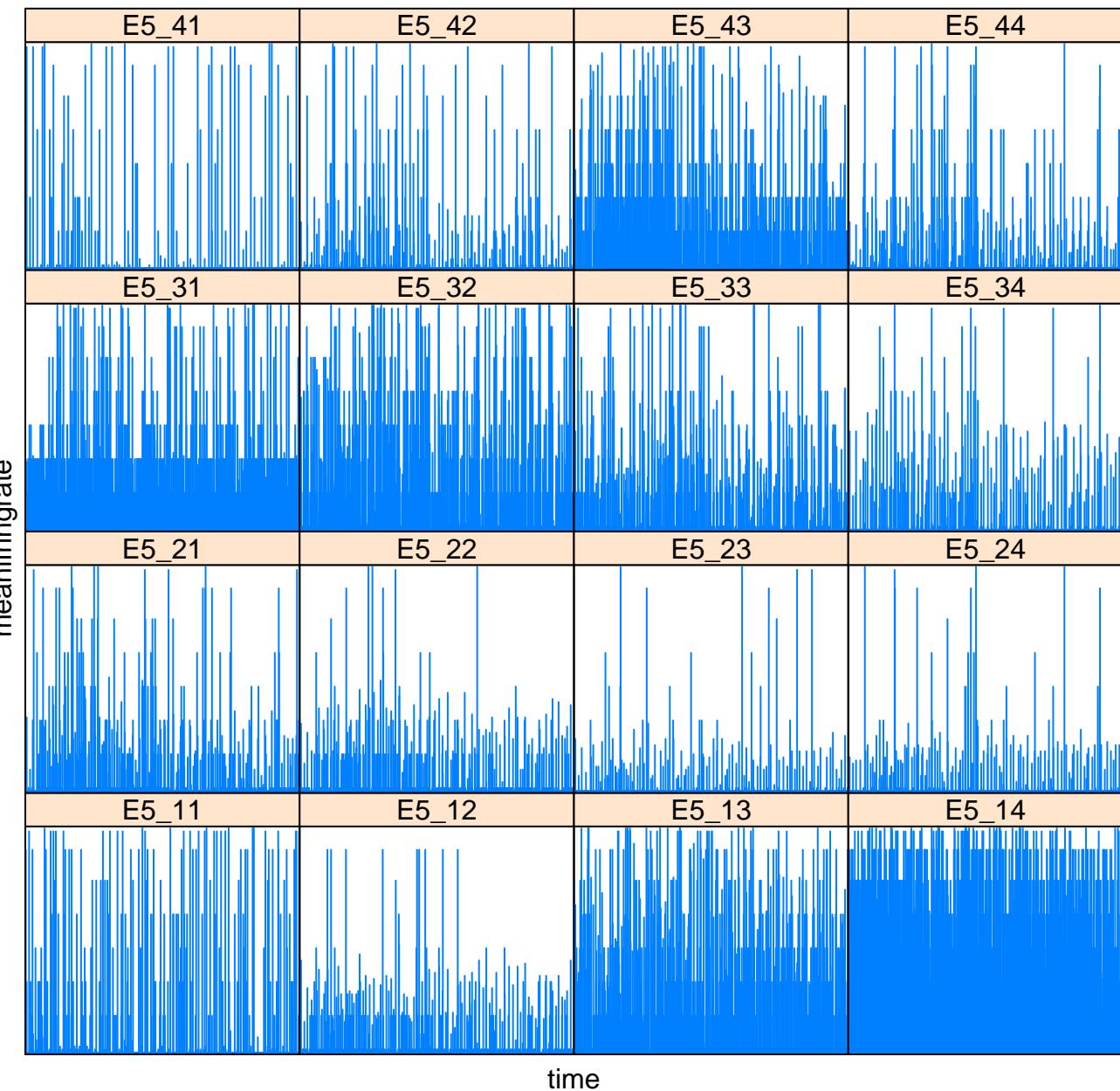
# Mean Firing Rate per Second for Well E3. Maximum firing rate: 97 Hz



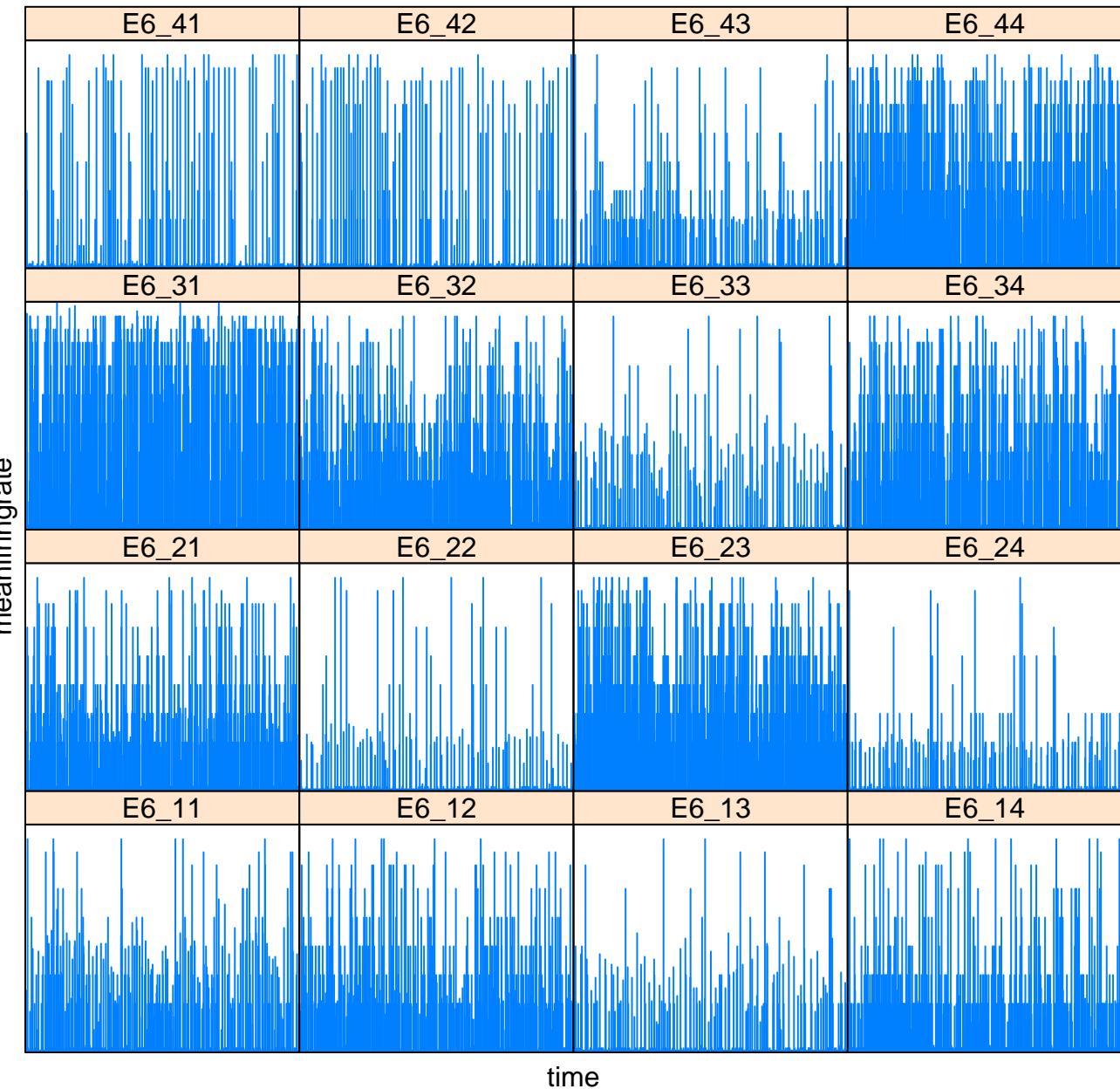
# Mean Firing Rate per Second for Well E4. Maximum firing rate:99 Hz



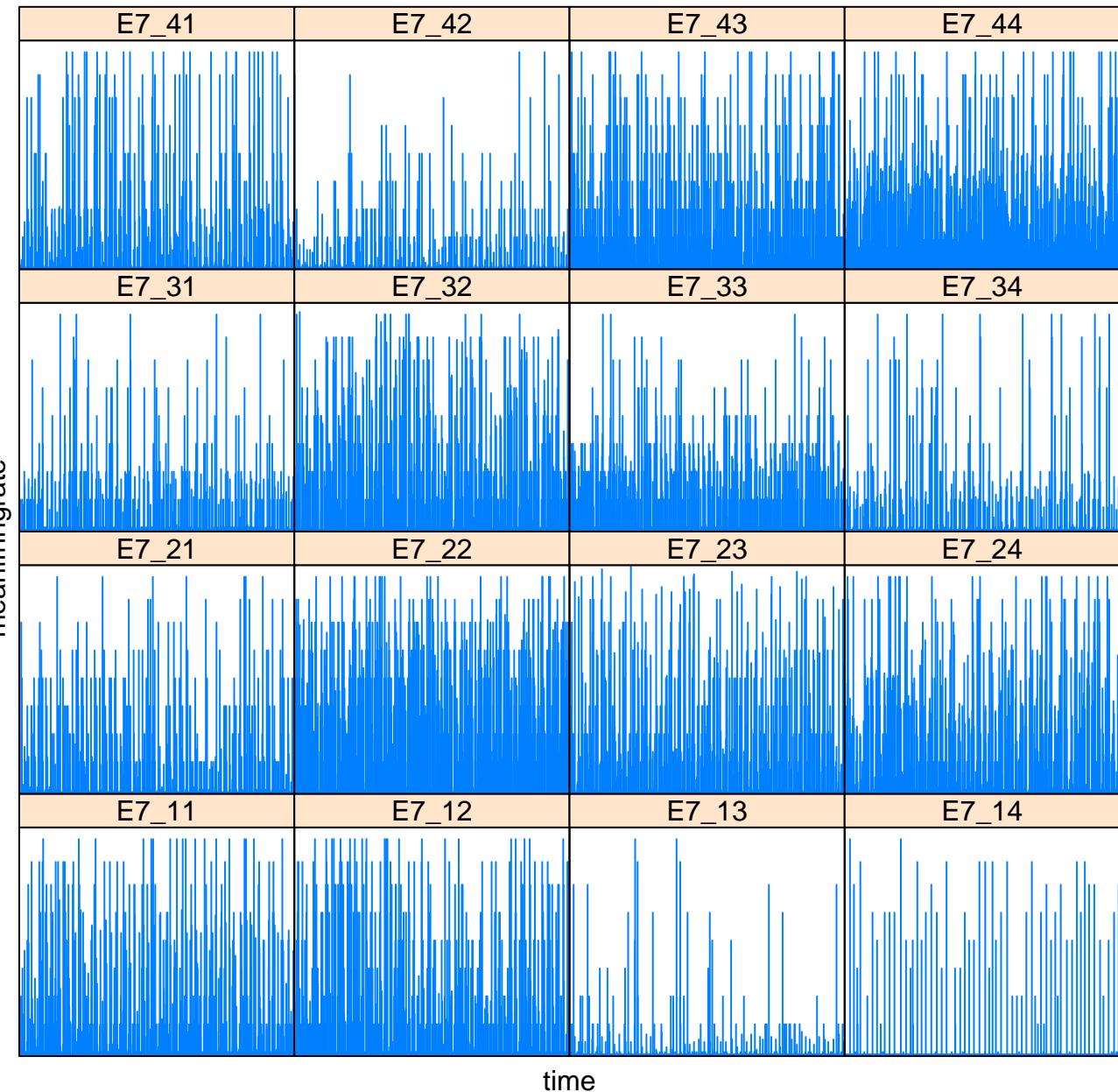
# Mean Firing Rate per Second for Well E5. Maximum firing rate:9 Hz



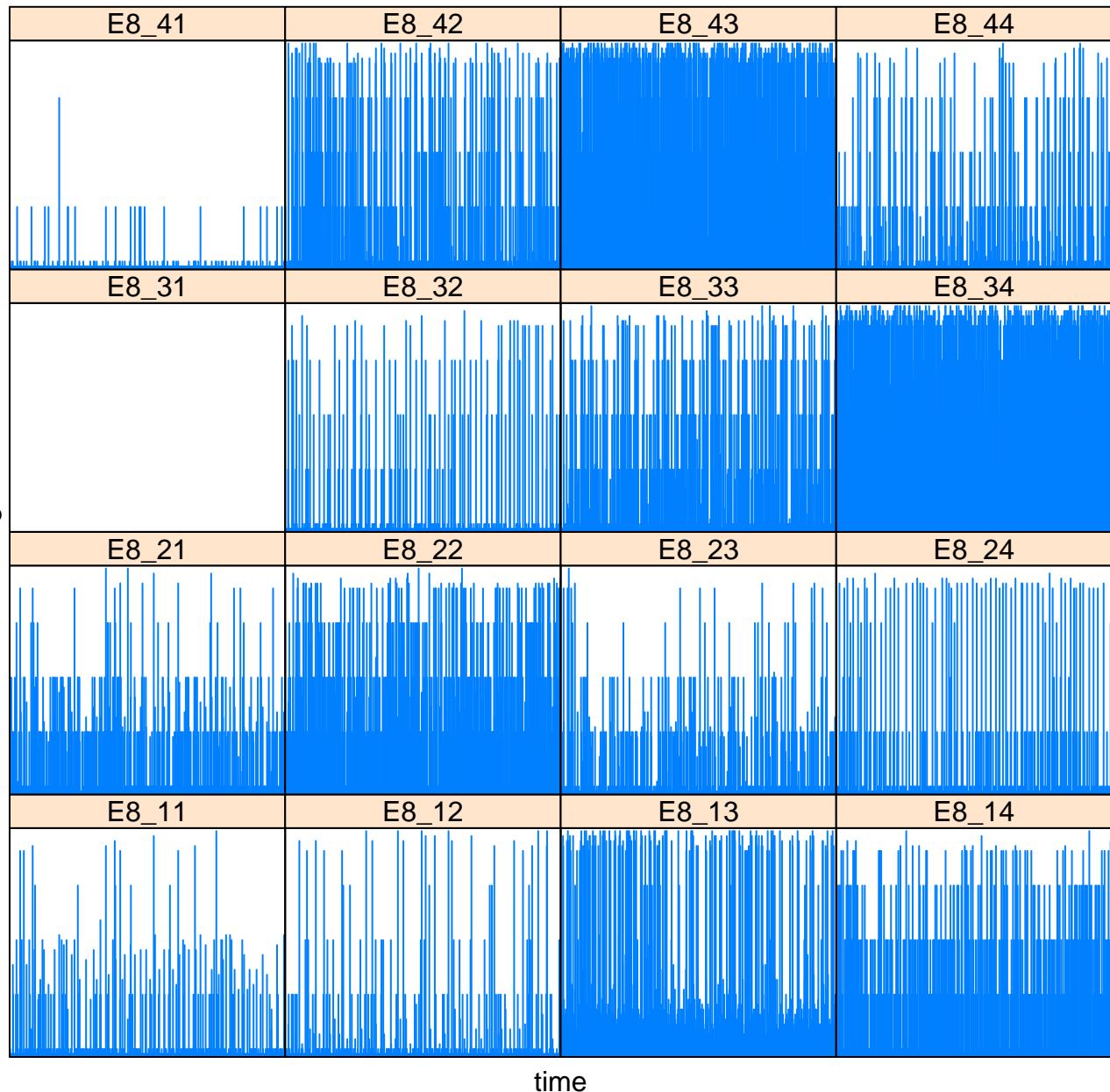
# Mean Firing Rate per Second for Well E6. Maximum firing rate: 98 Hz



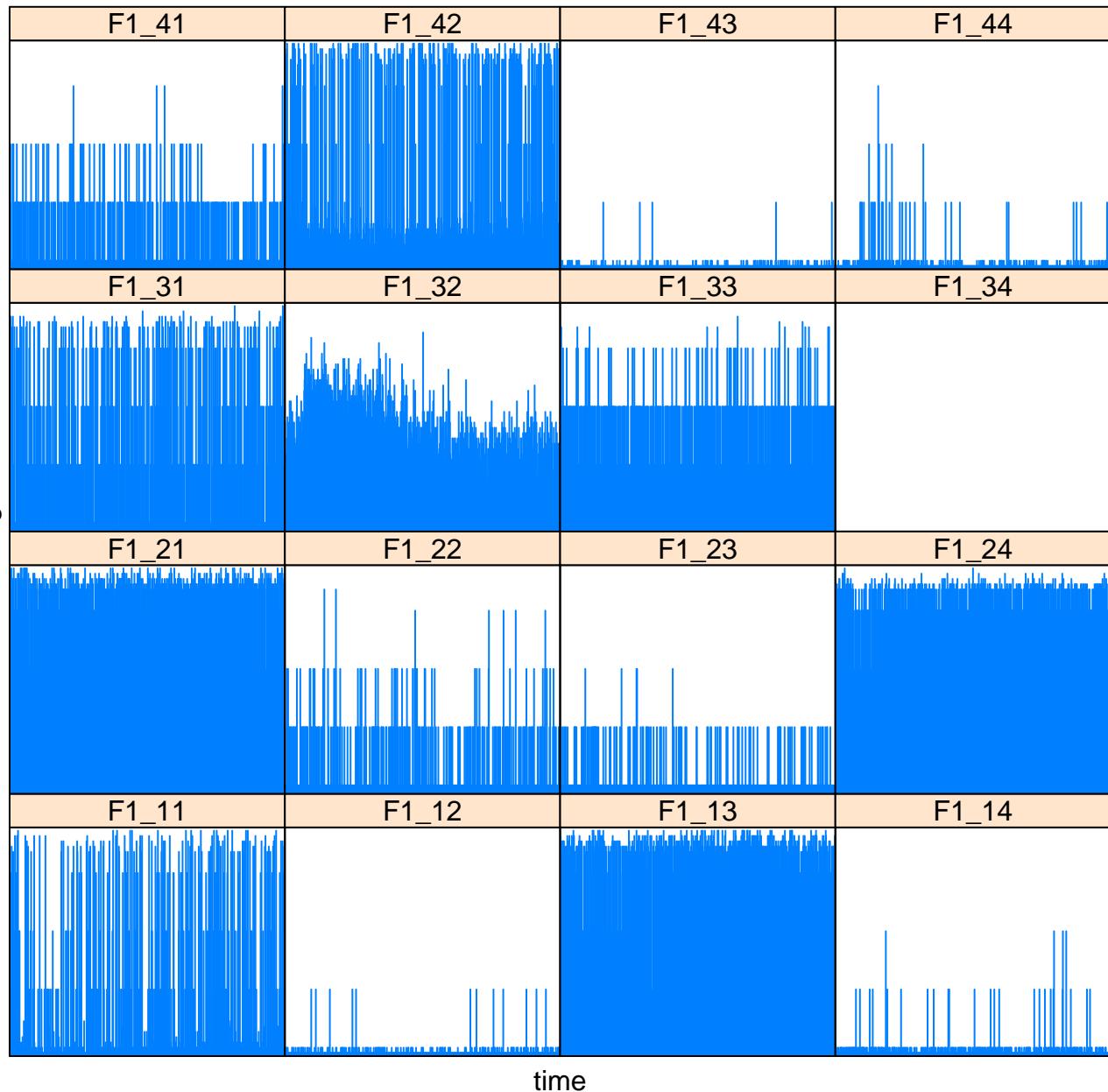
# Mean Firing Rate per Second for Well E7. Maximum firing rate: 96 Hz



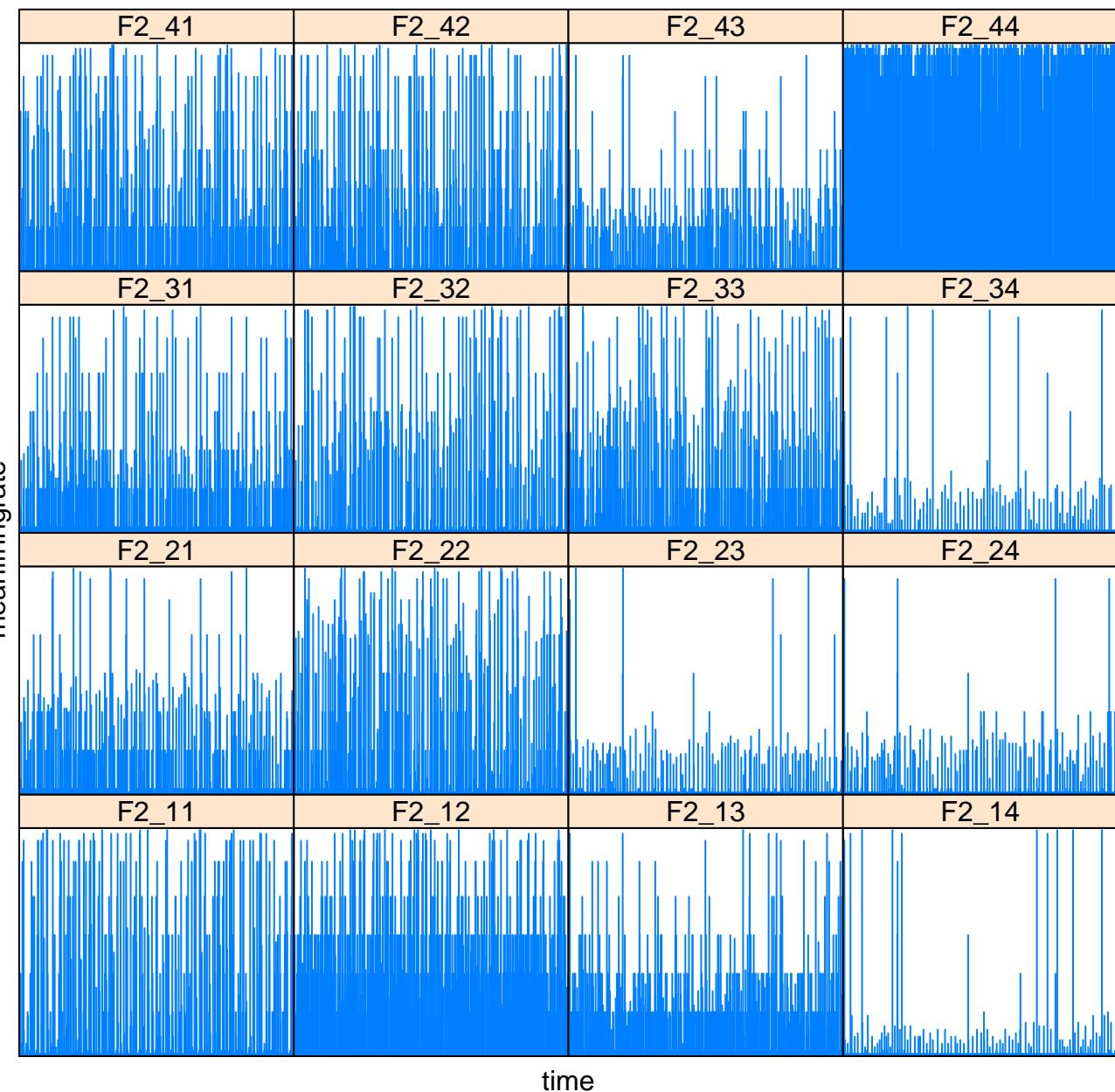
# Mean Firing Rate per Second for Well E8. Maximum firing rate:9 Hz



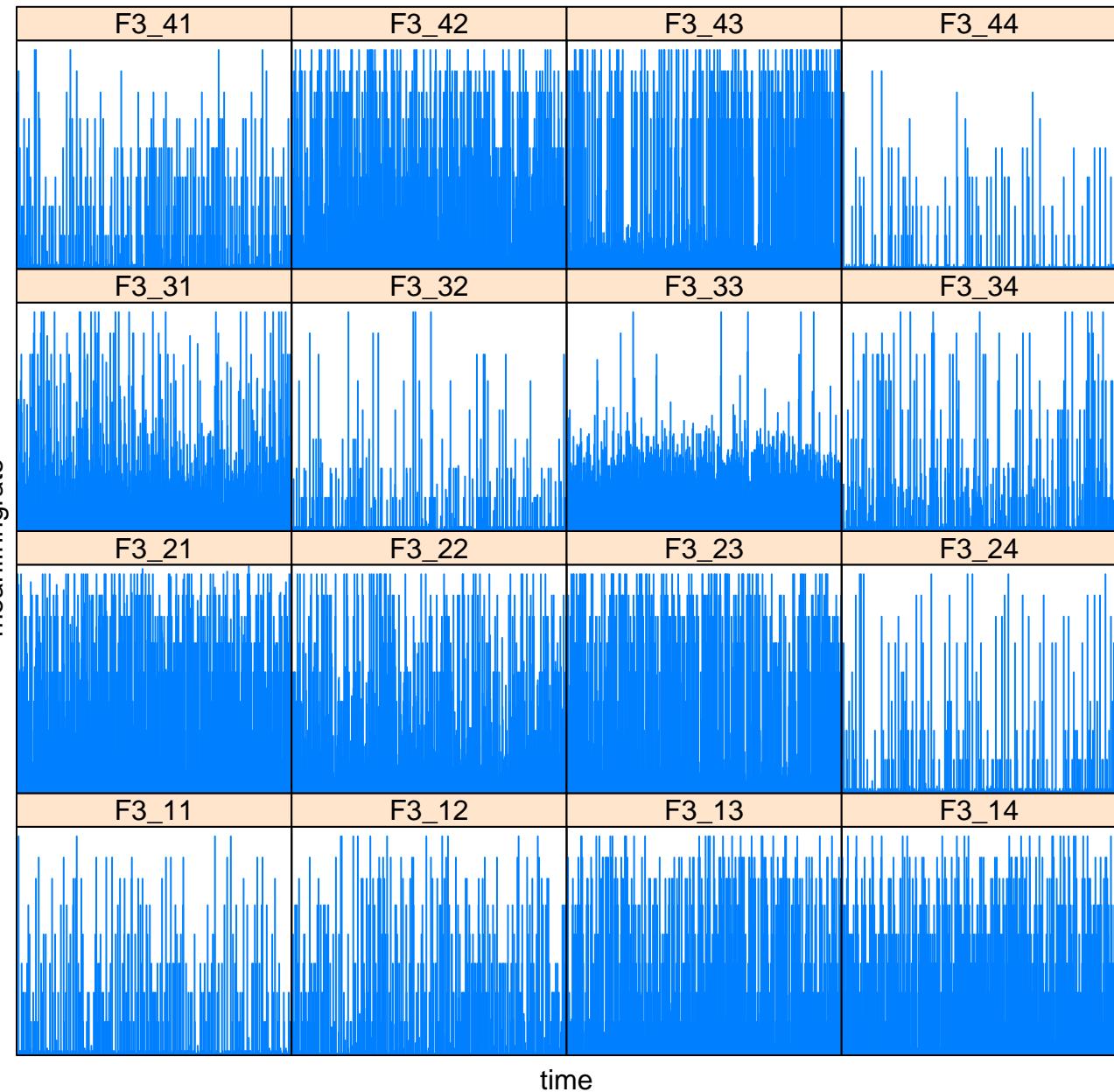
# Mean Firing Rate per Second for Well F1. Maximum firing rate:9 Hz



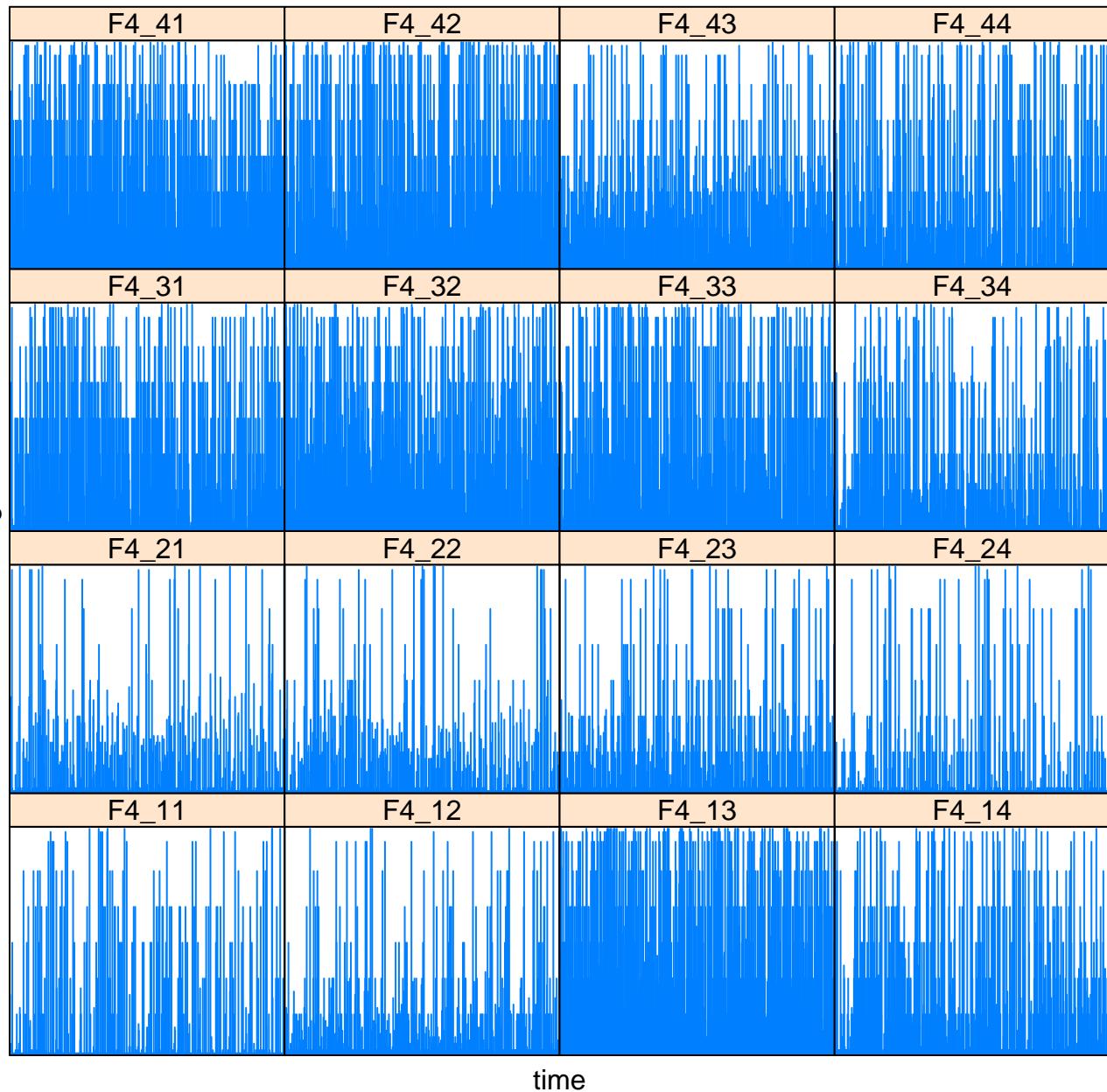
# Mean Firing Rate per Second for Well F2. Maximum firing rate:9 Hz



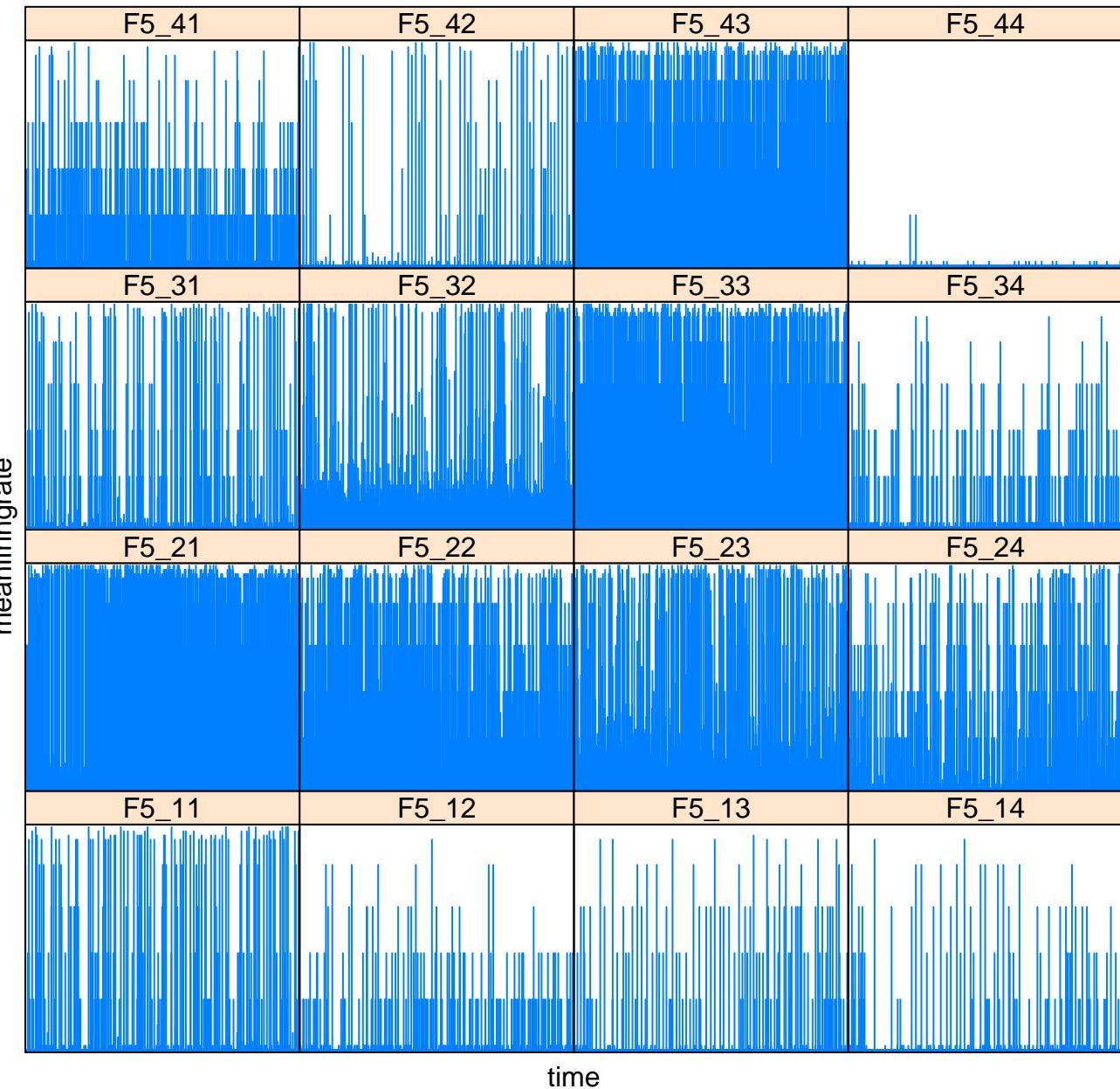
# Mean Firing Rate per Second for Well F3. Maximum firing rate:97 Hz



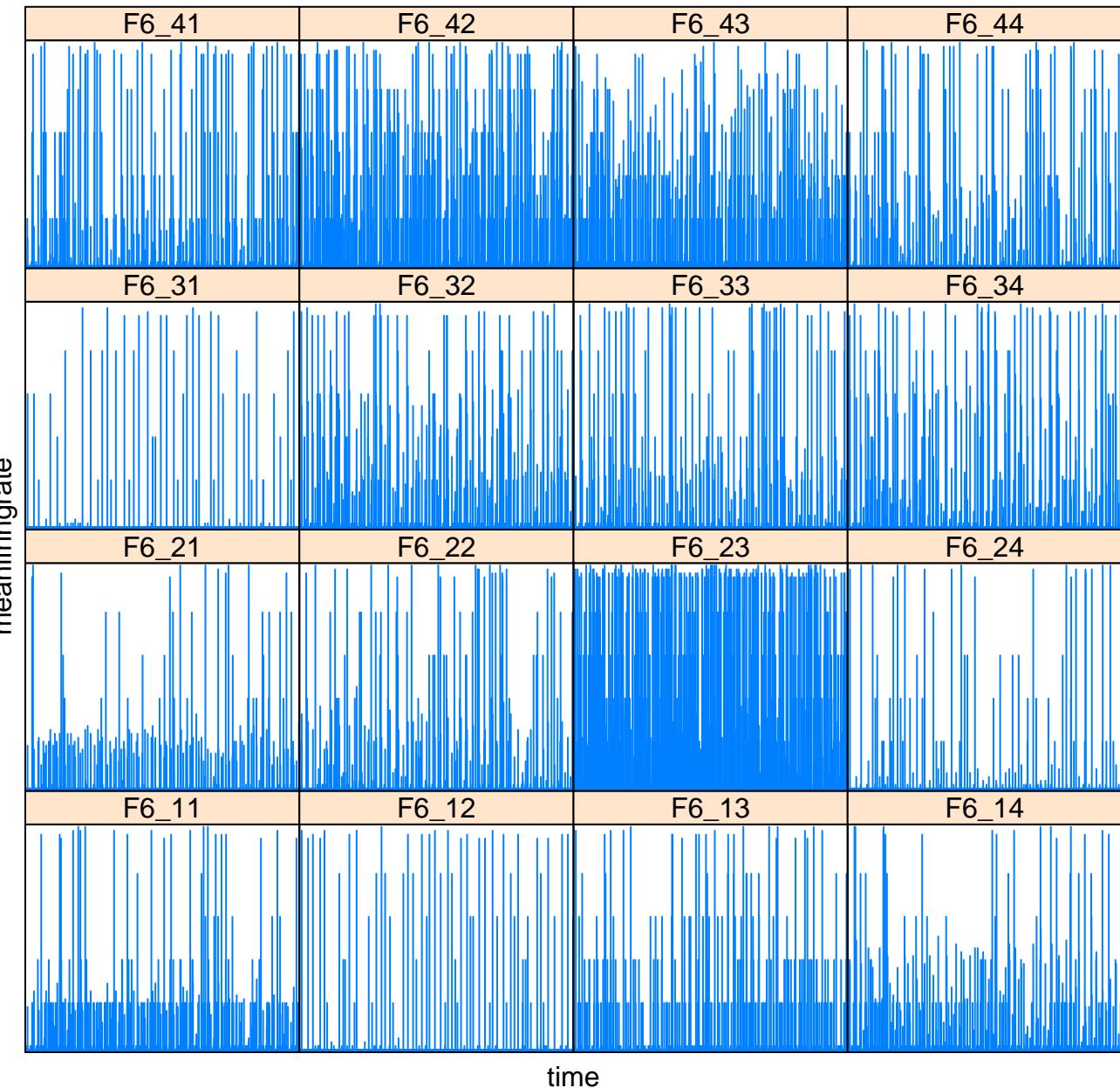
# Mean Firing Rate per Second for Well F4. Maximum firing rate:9 Hz



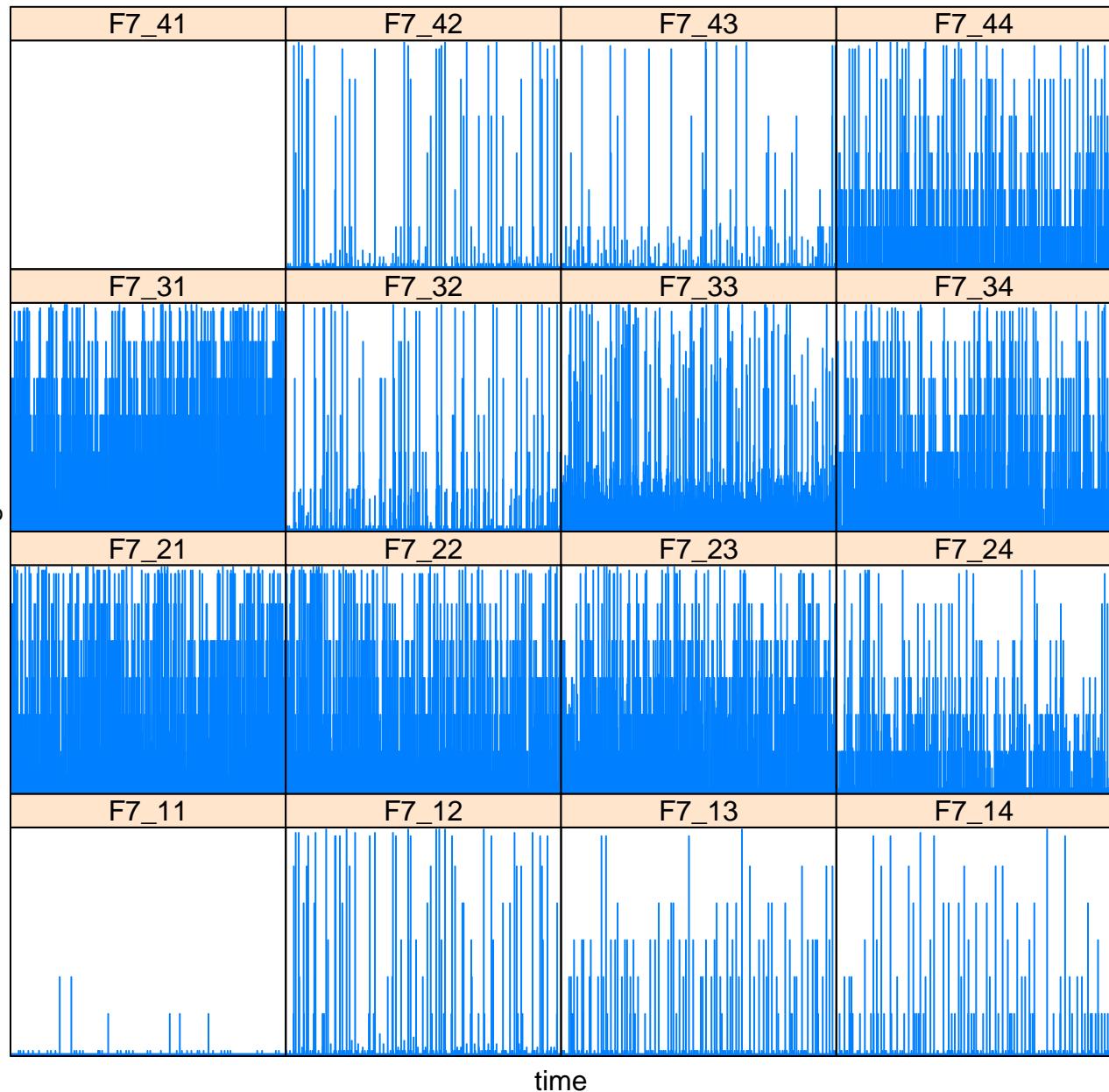
# Mean Firing Rate per Second for Well F5. Maximum firing rate:9 Hz



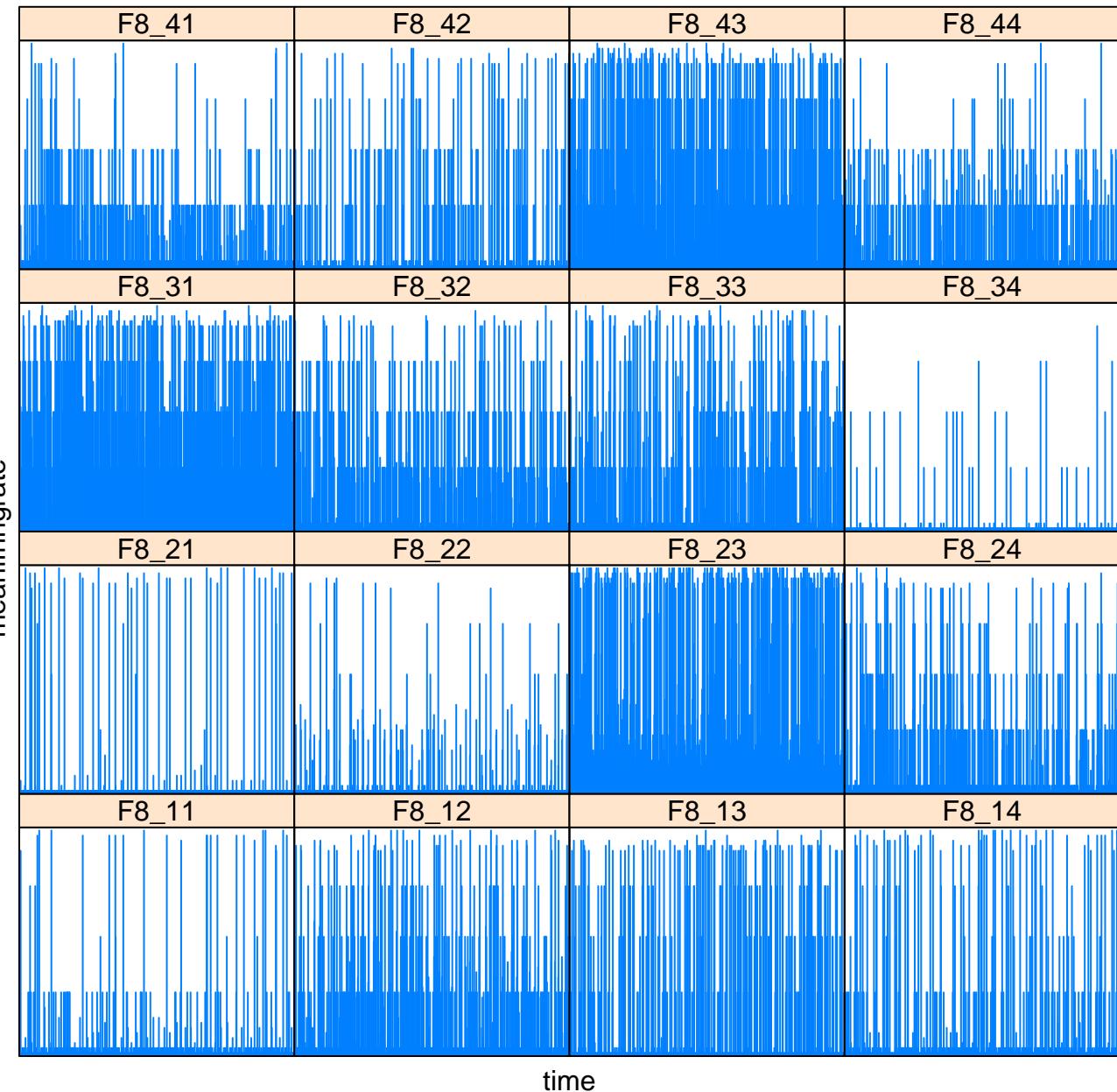
# Mean Firing Rate per Second for Well F6. Maximum firing rate:9 Hz



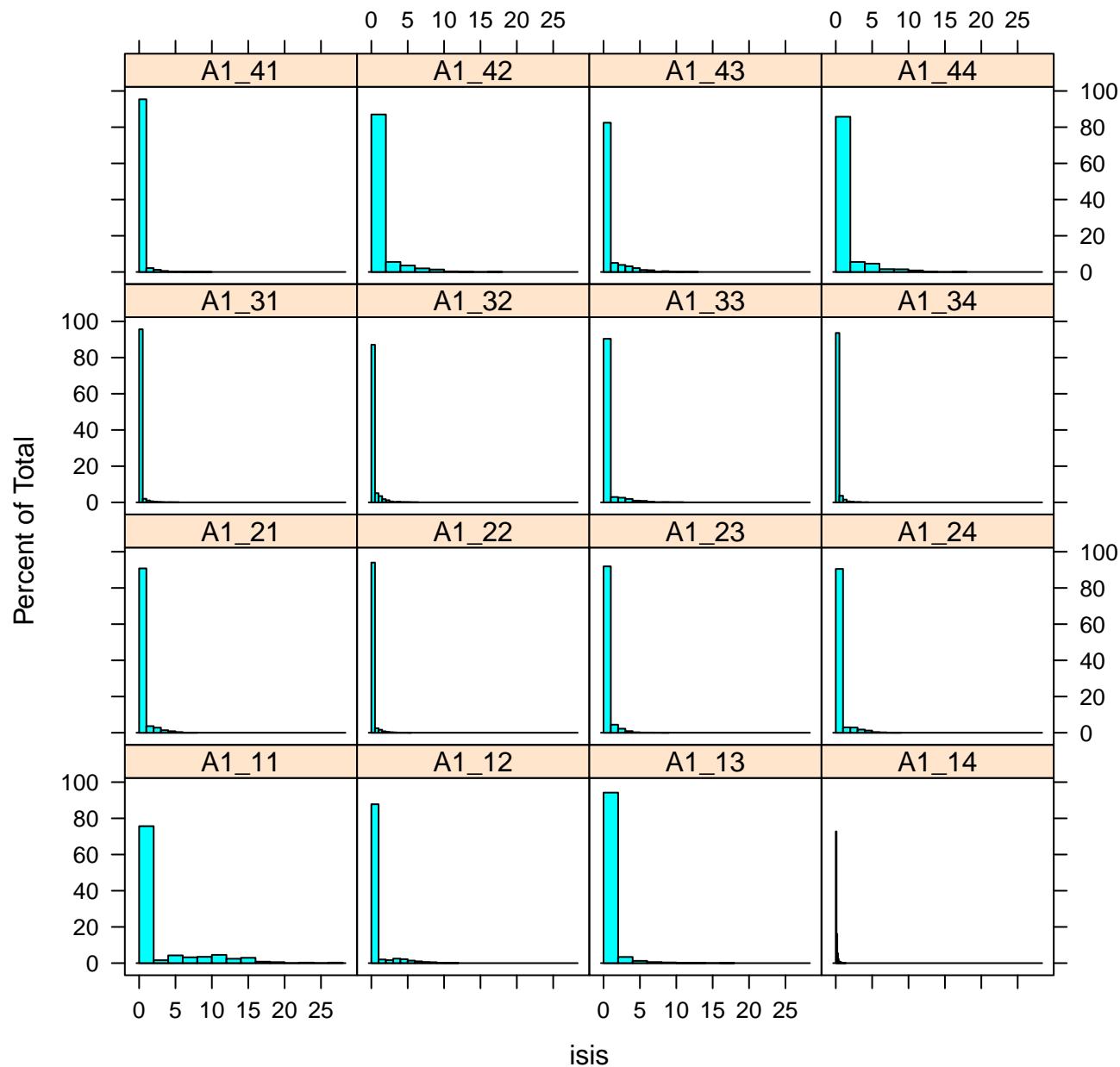
# Mean Firing Rate per Second for Well F7. Maximum firing rate:9 Hz



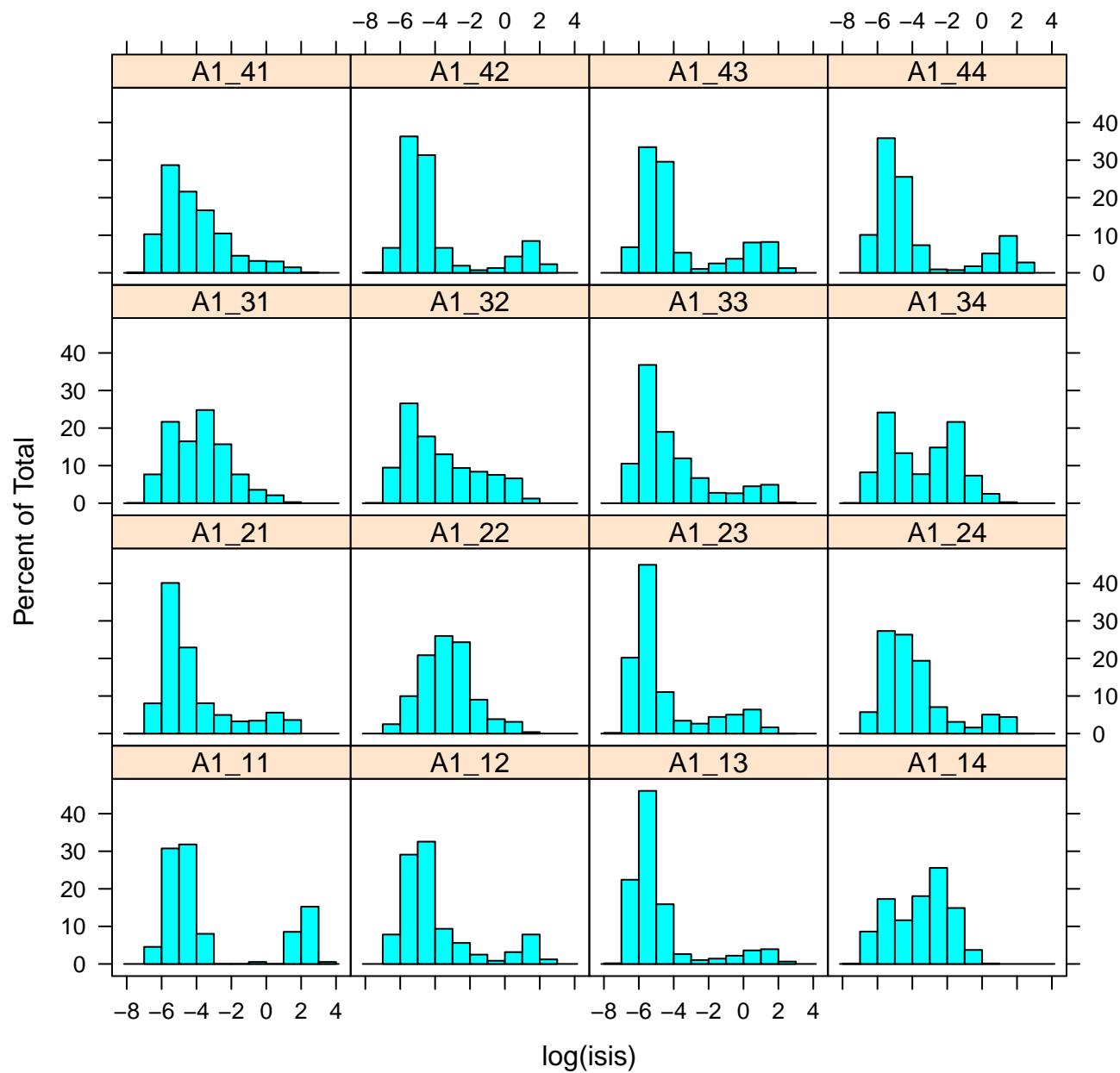
# Mean Firing Rate per Second for Well F8. Maximum firing rate:9 Hz



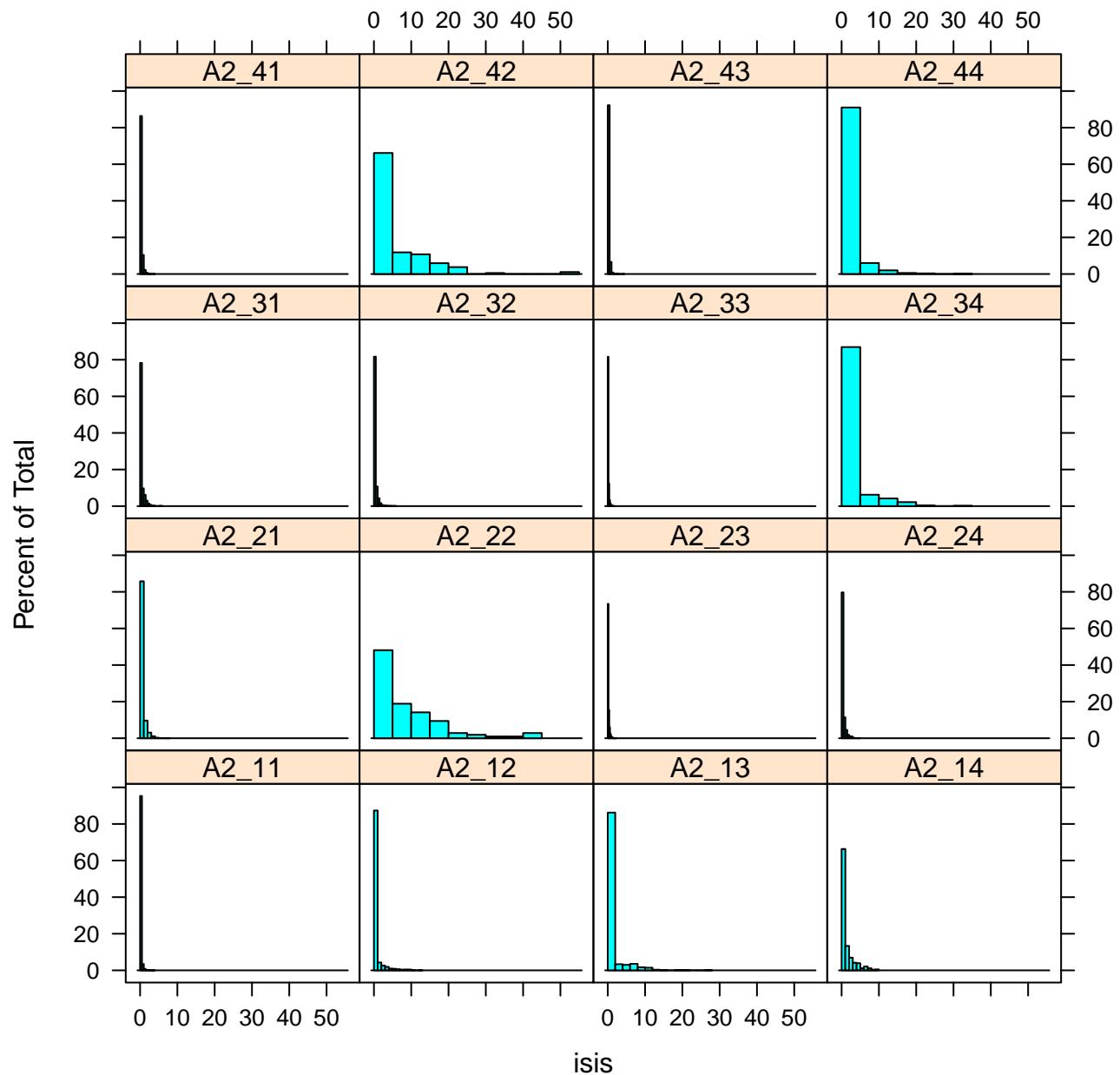
# ISIs histogram plot for A1



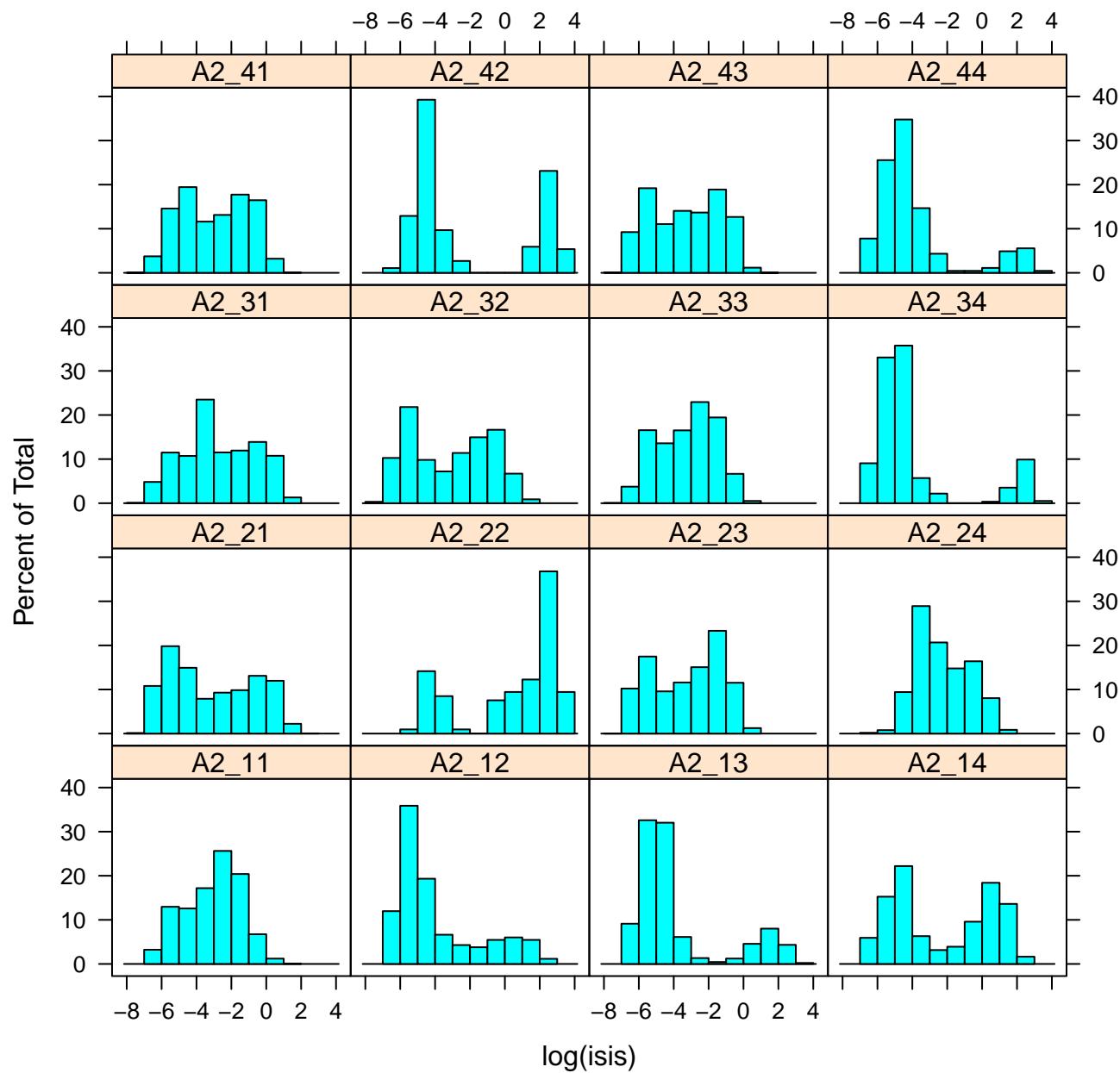
# log(ISIs) histogram plot for A1



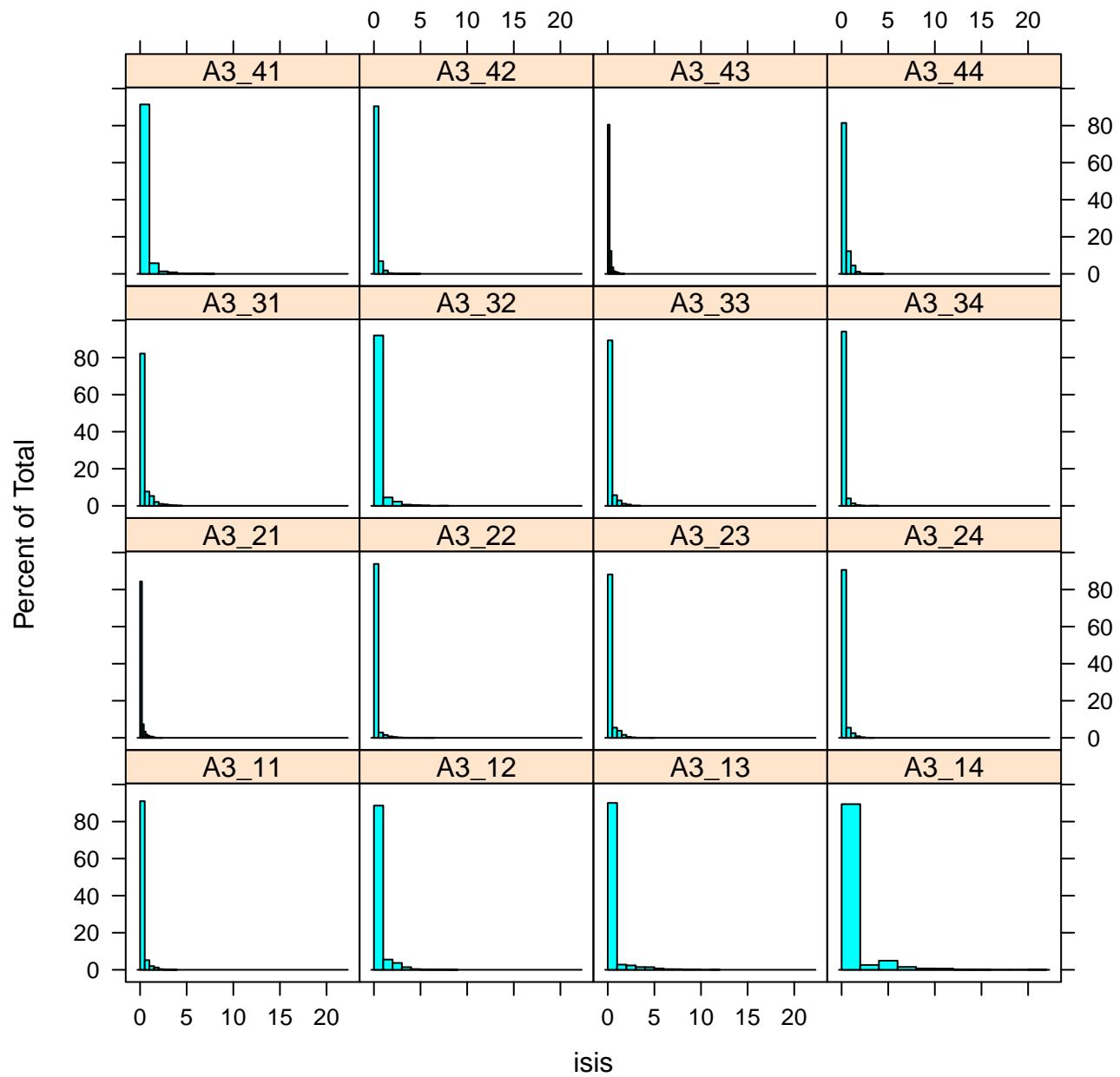
# ISIs histogram plot for A2



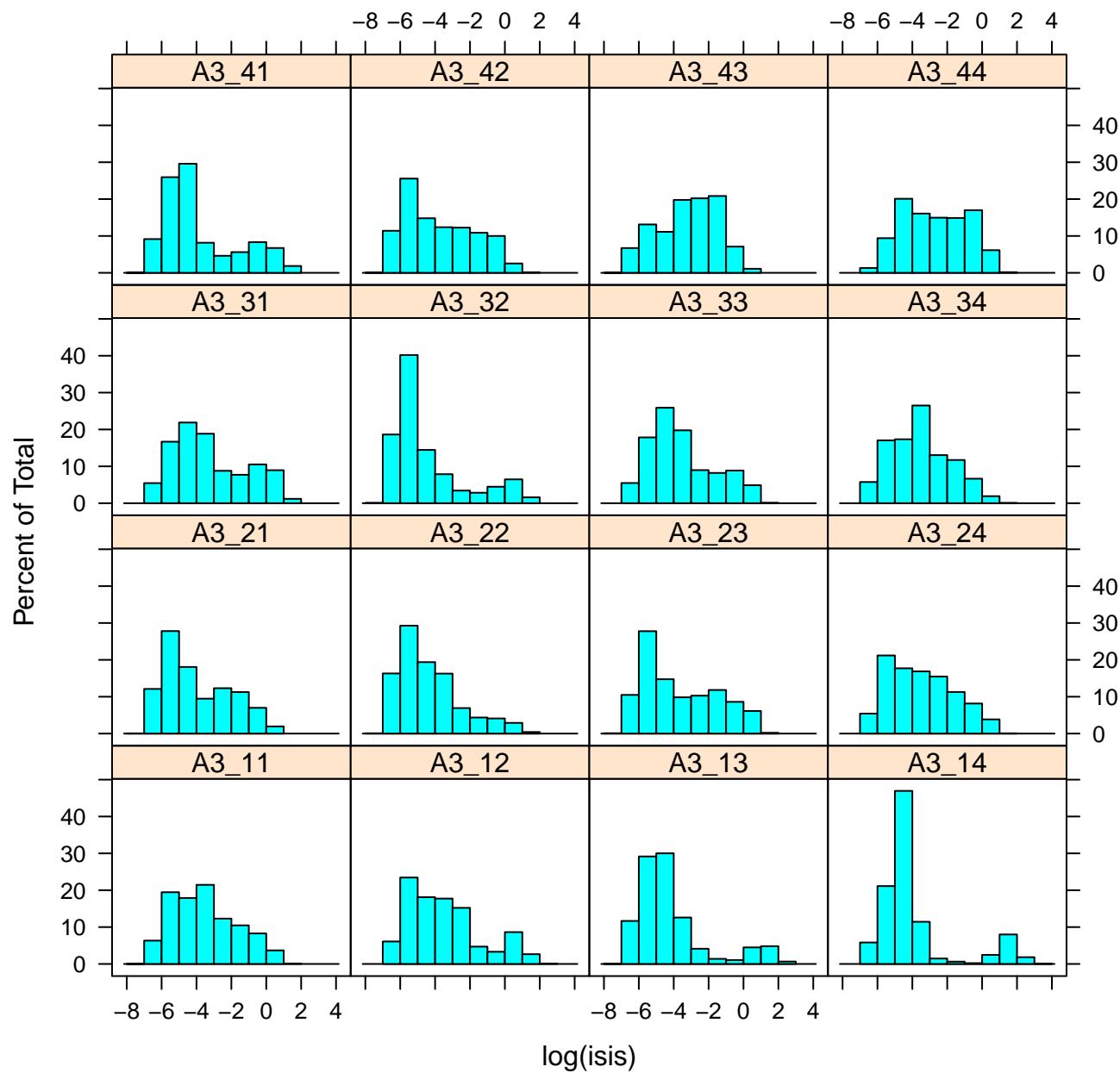
# log(ISIs) histogram plot for A2



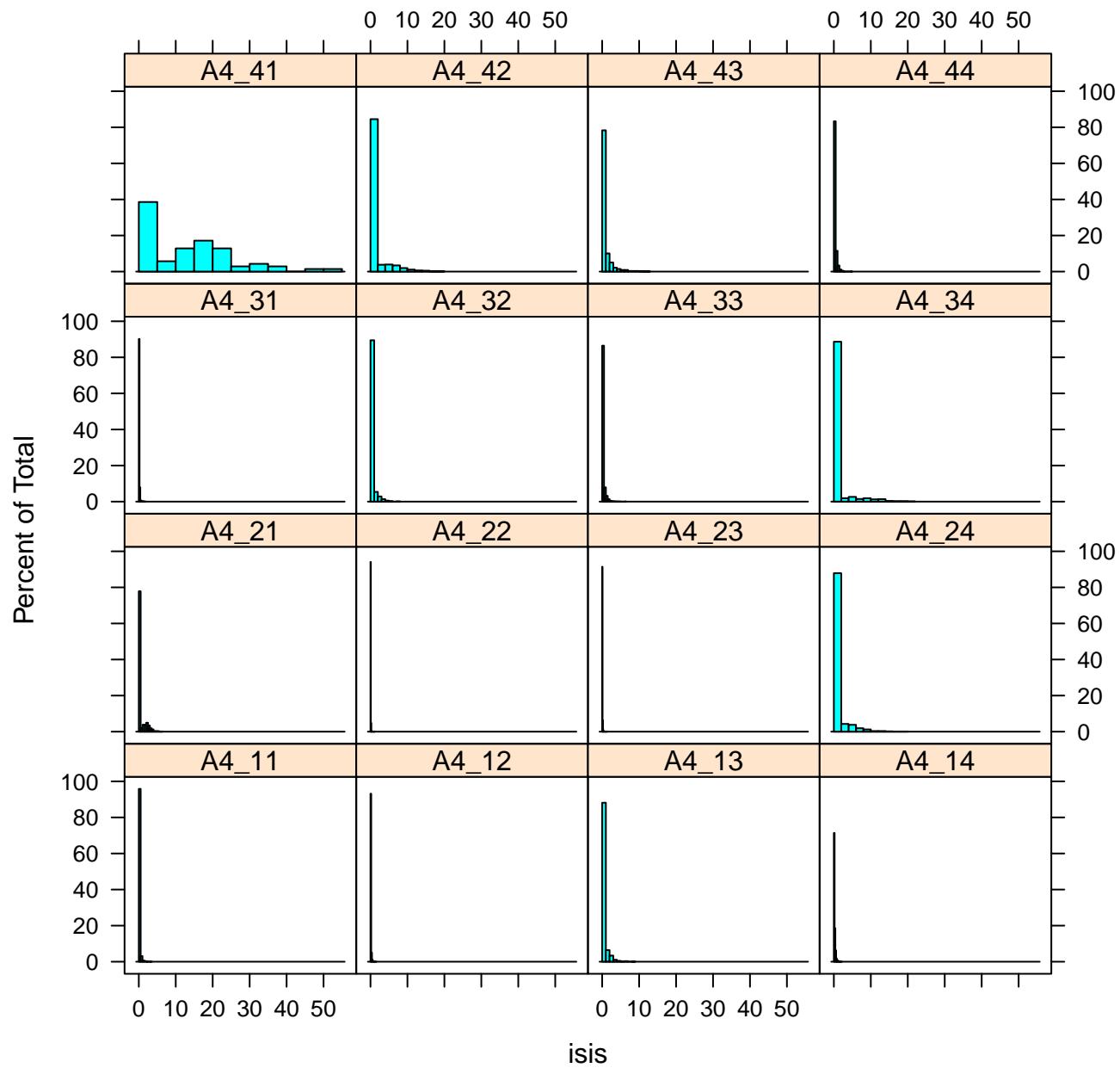
# ISIs histogram plot for A3



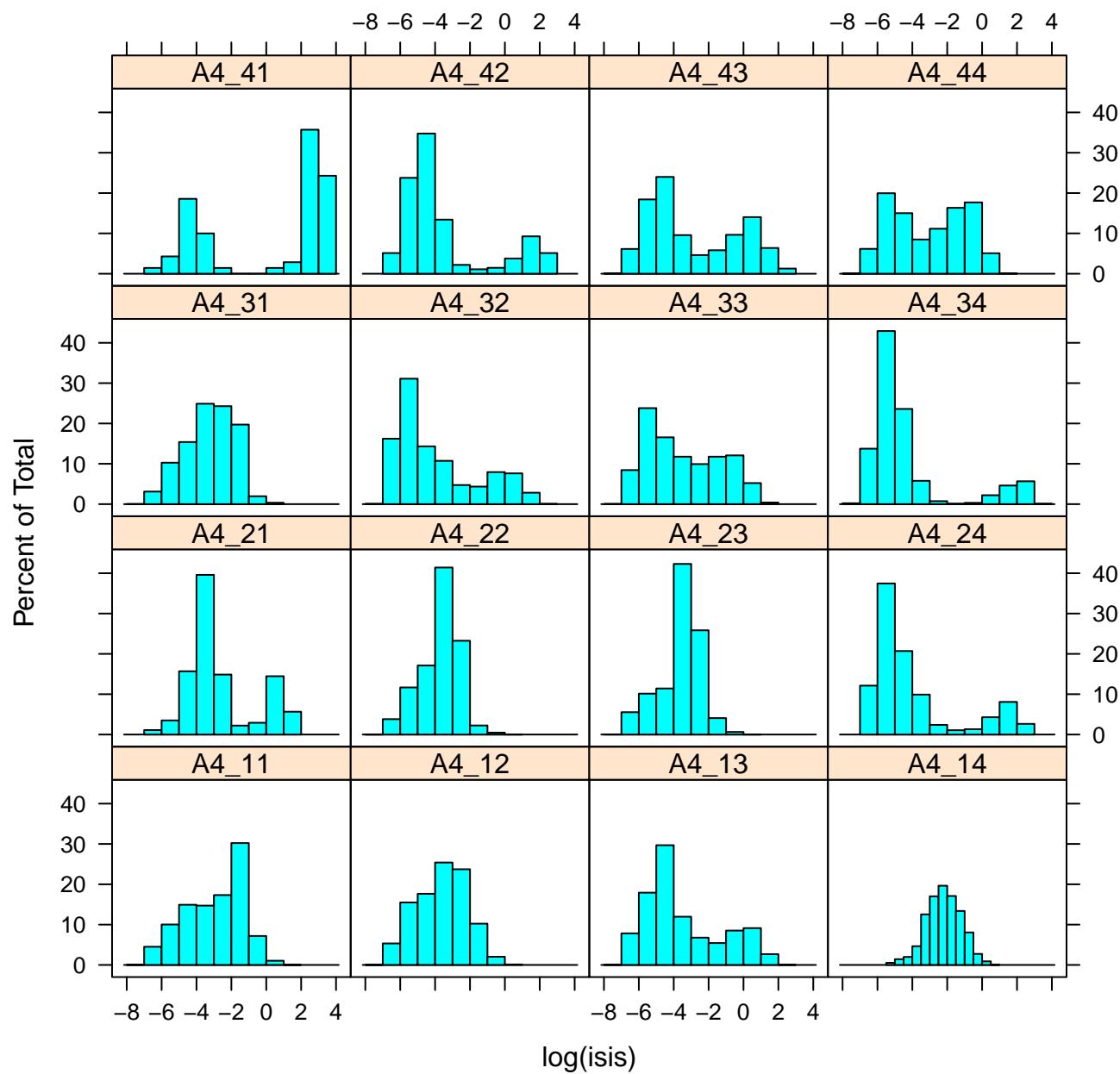
# log(ISIs) histogram plot for A3



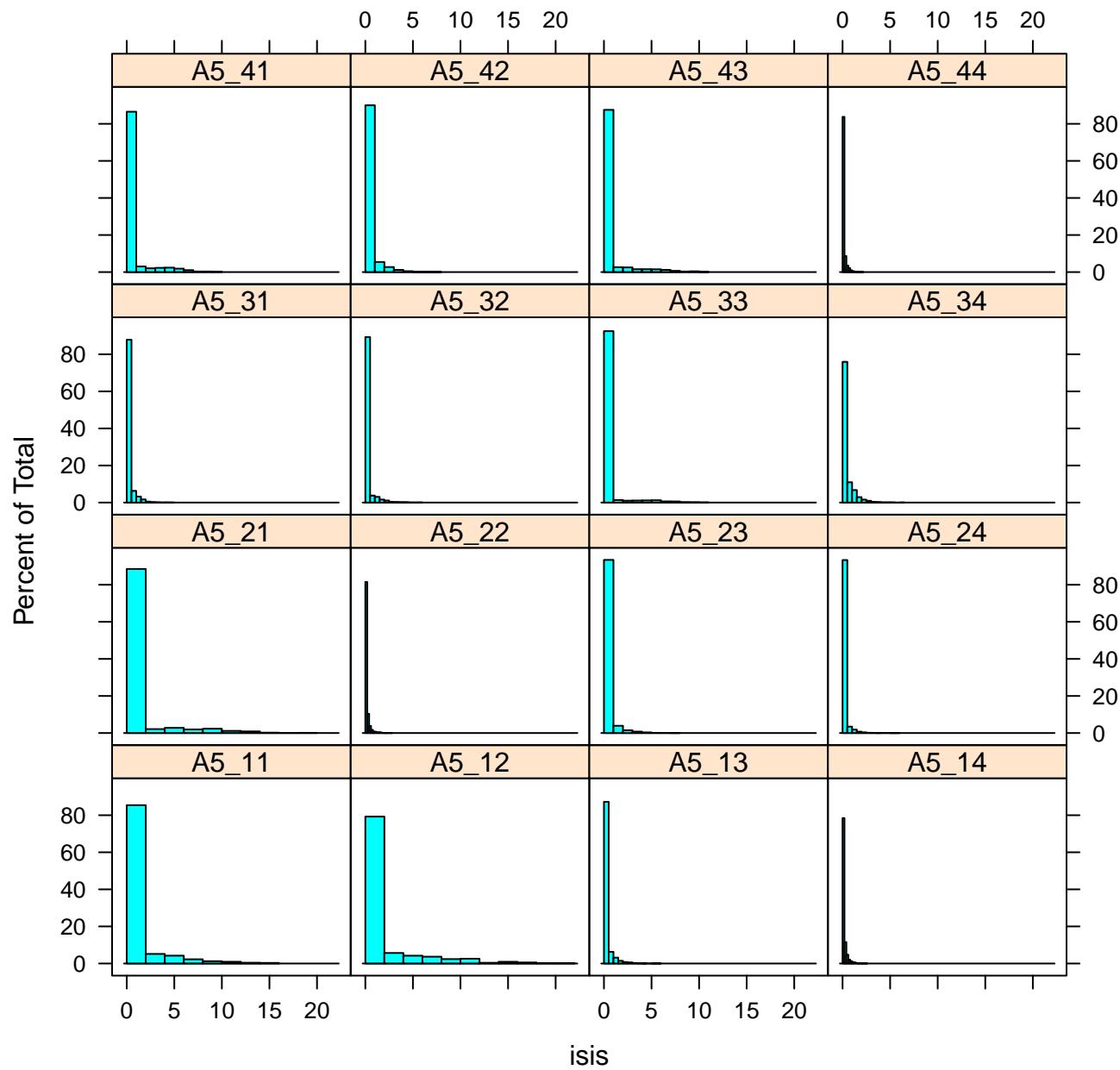
# ISIs histogram plot for A4



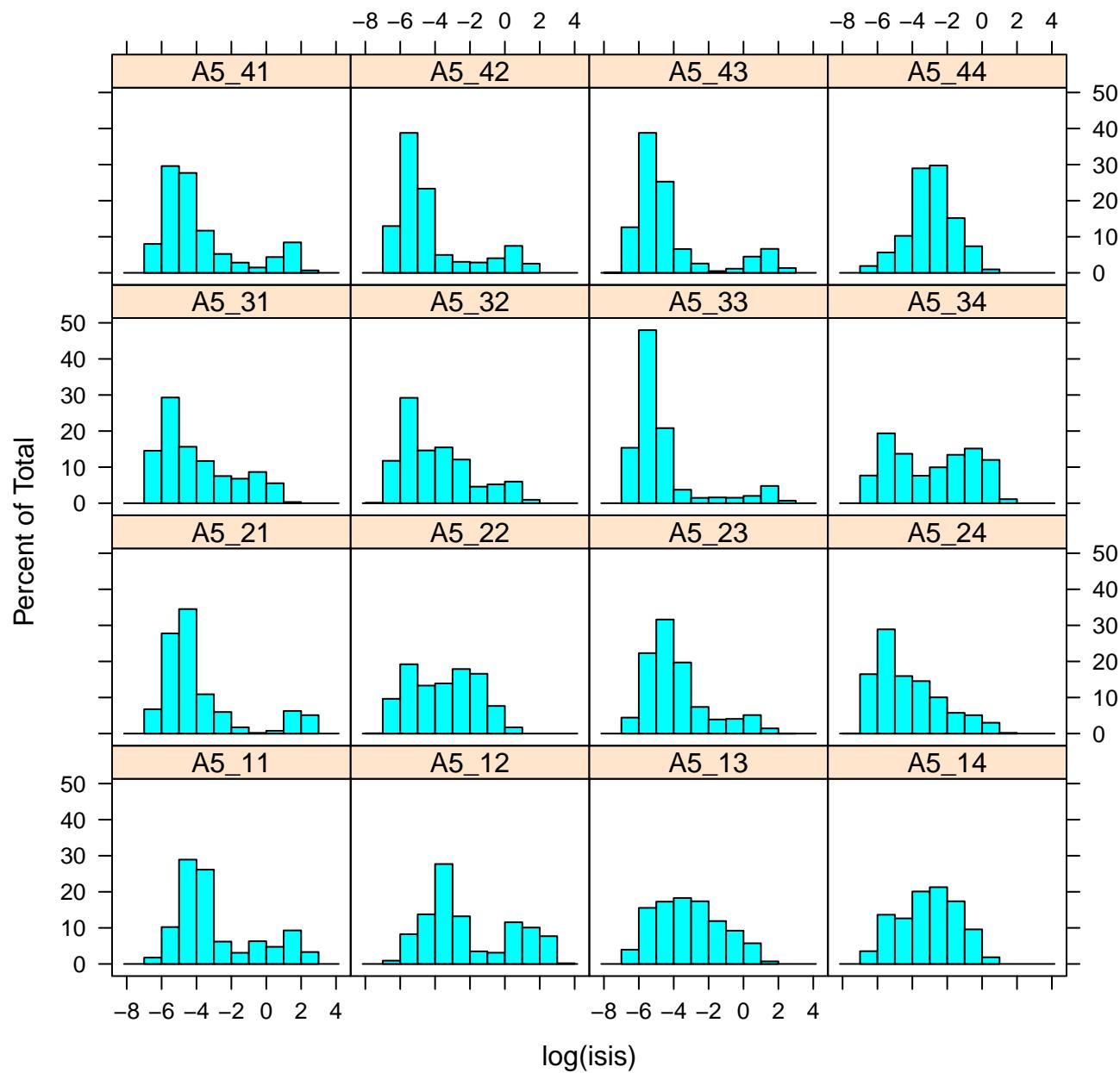
# log(ISIs) histogram plot for A4



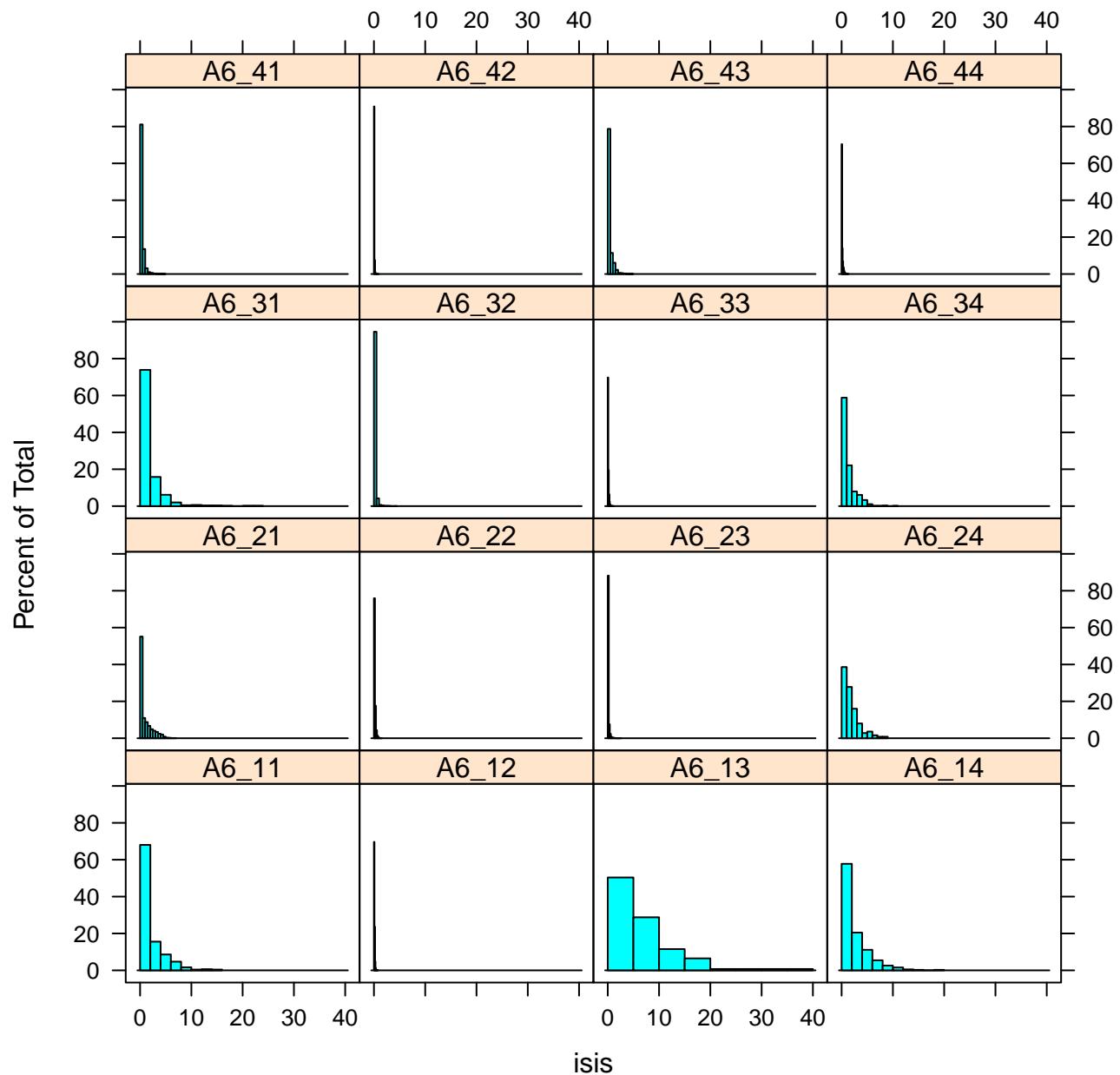
# ISIs histogram plot for A5



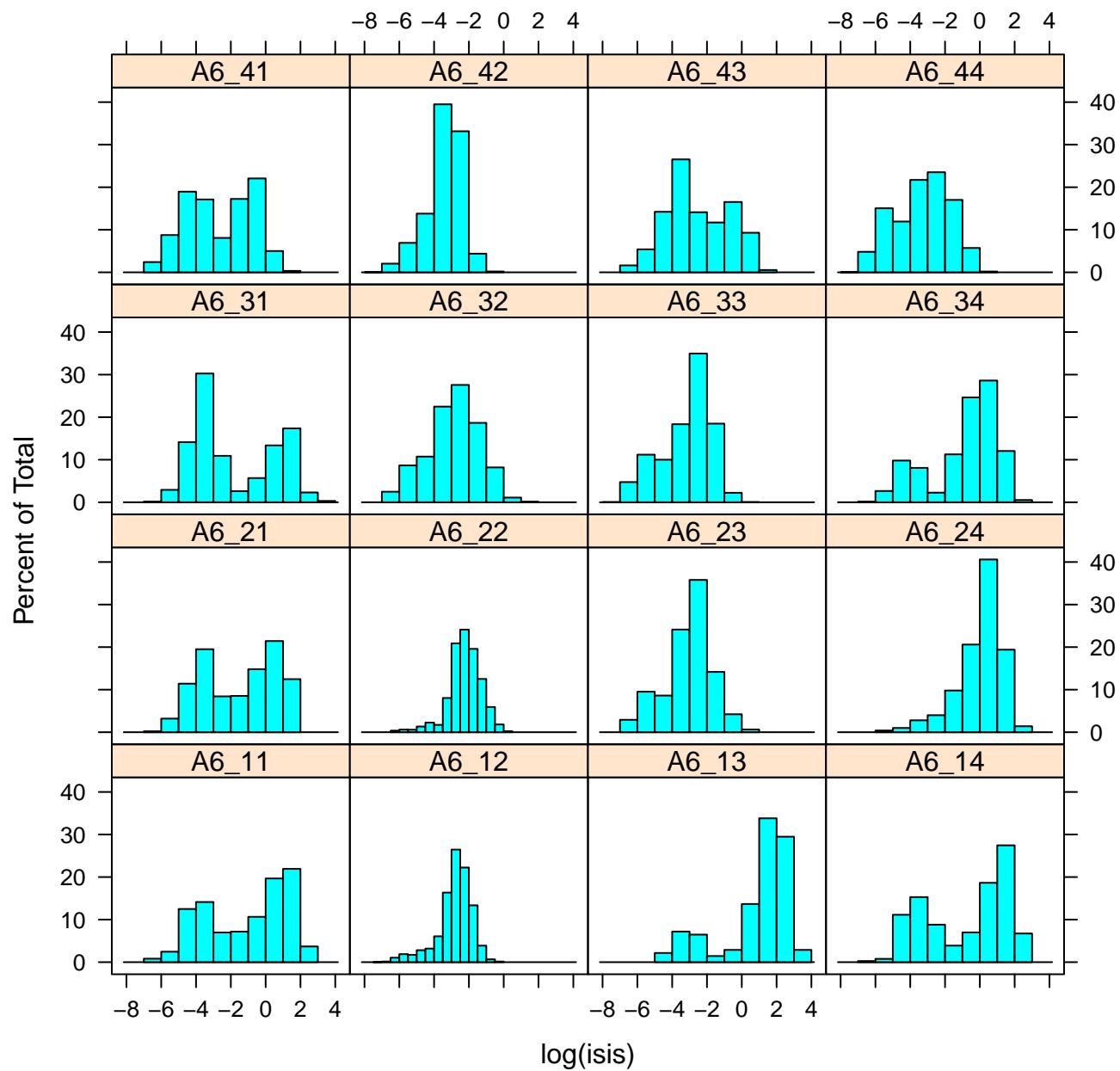
# log(ISIs) histogram plot for A5



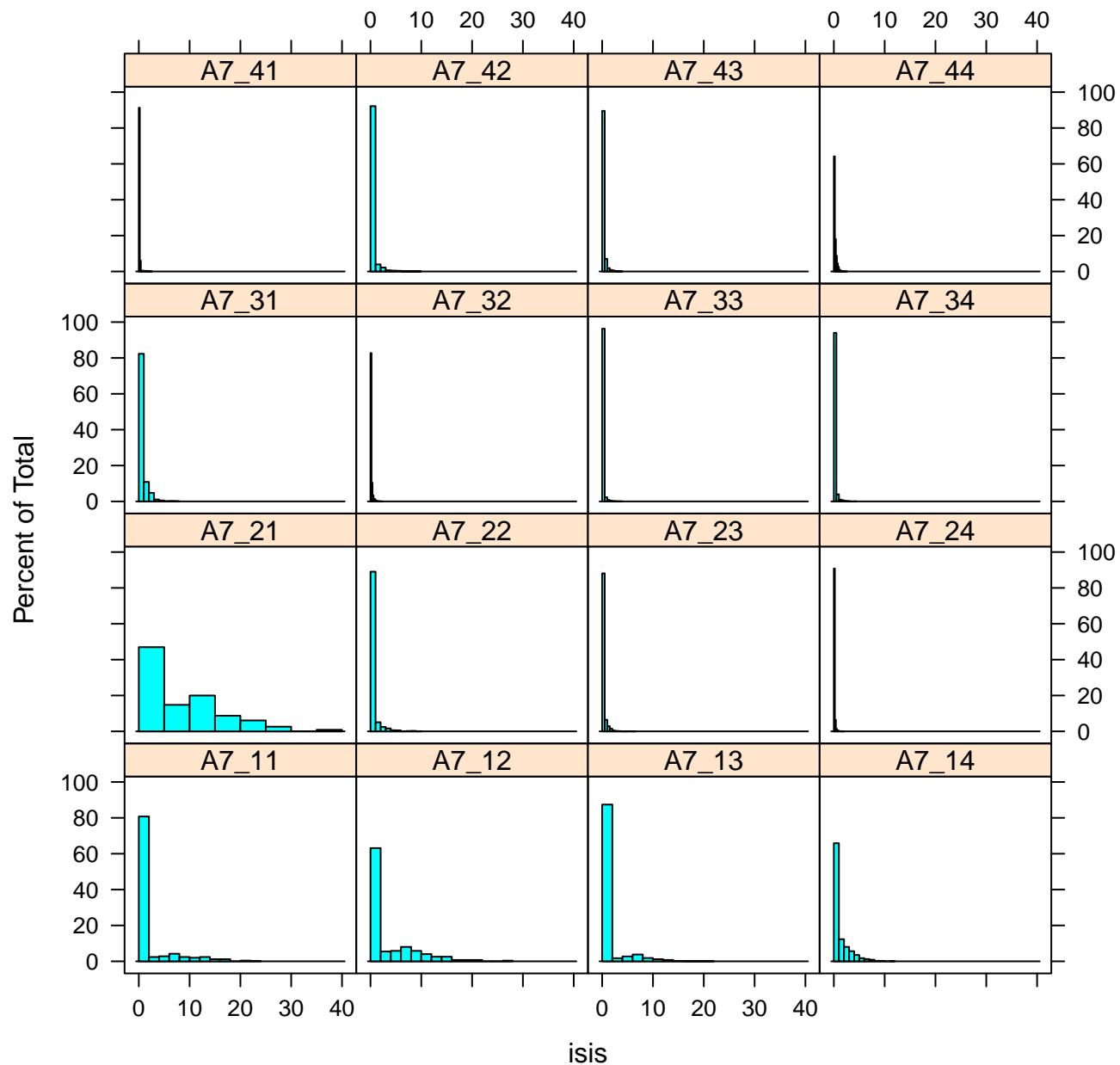
# ISIs histogram plot for A6



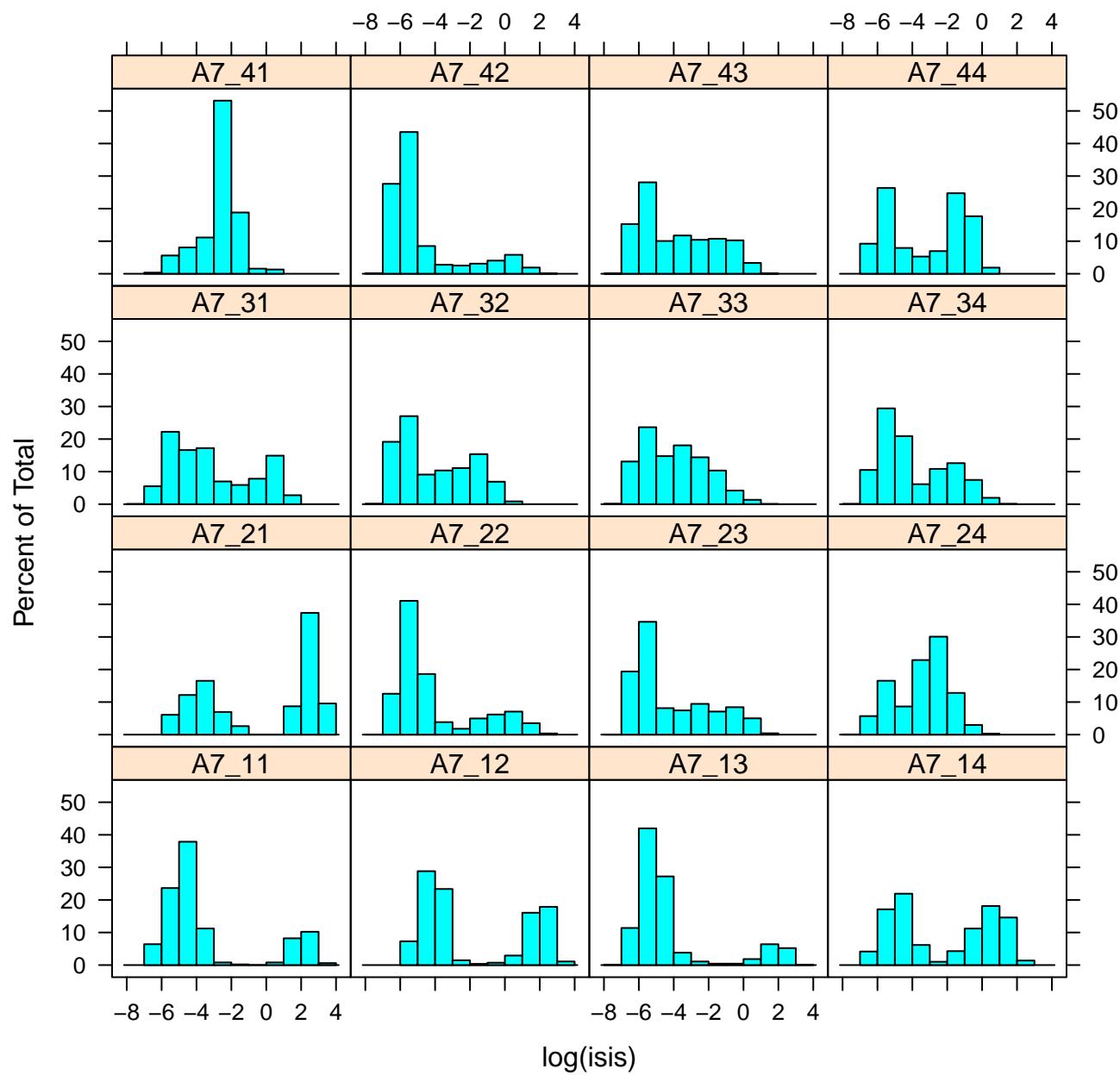
# log(ISIs) histogram plot for A6



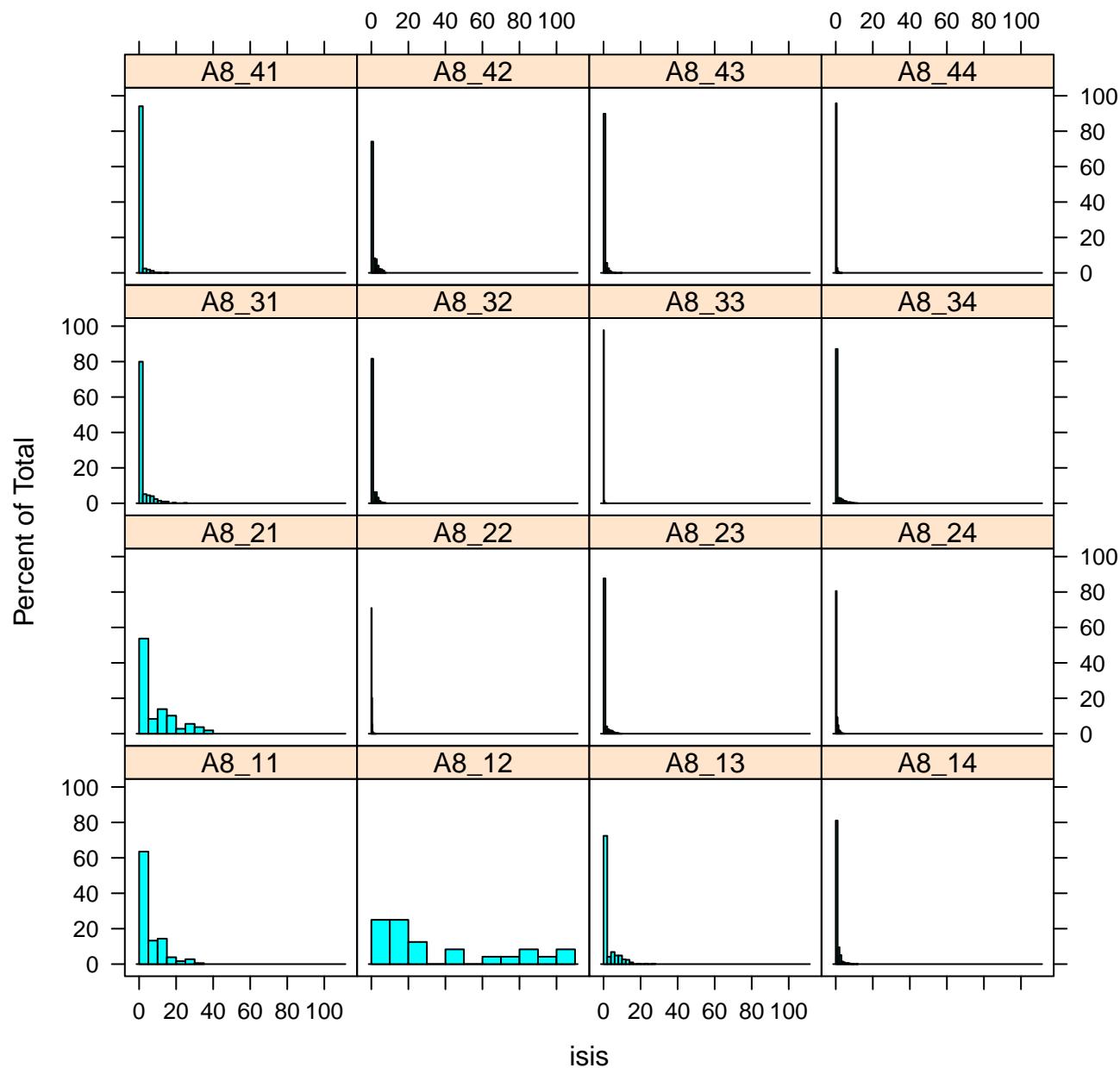
# ISIs histogram plot for A7



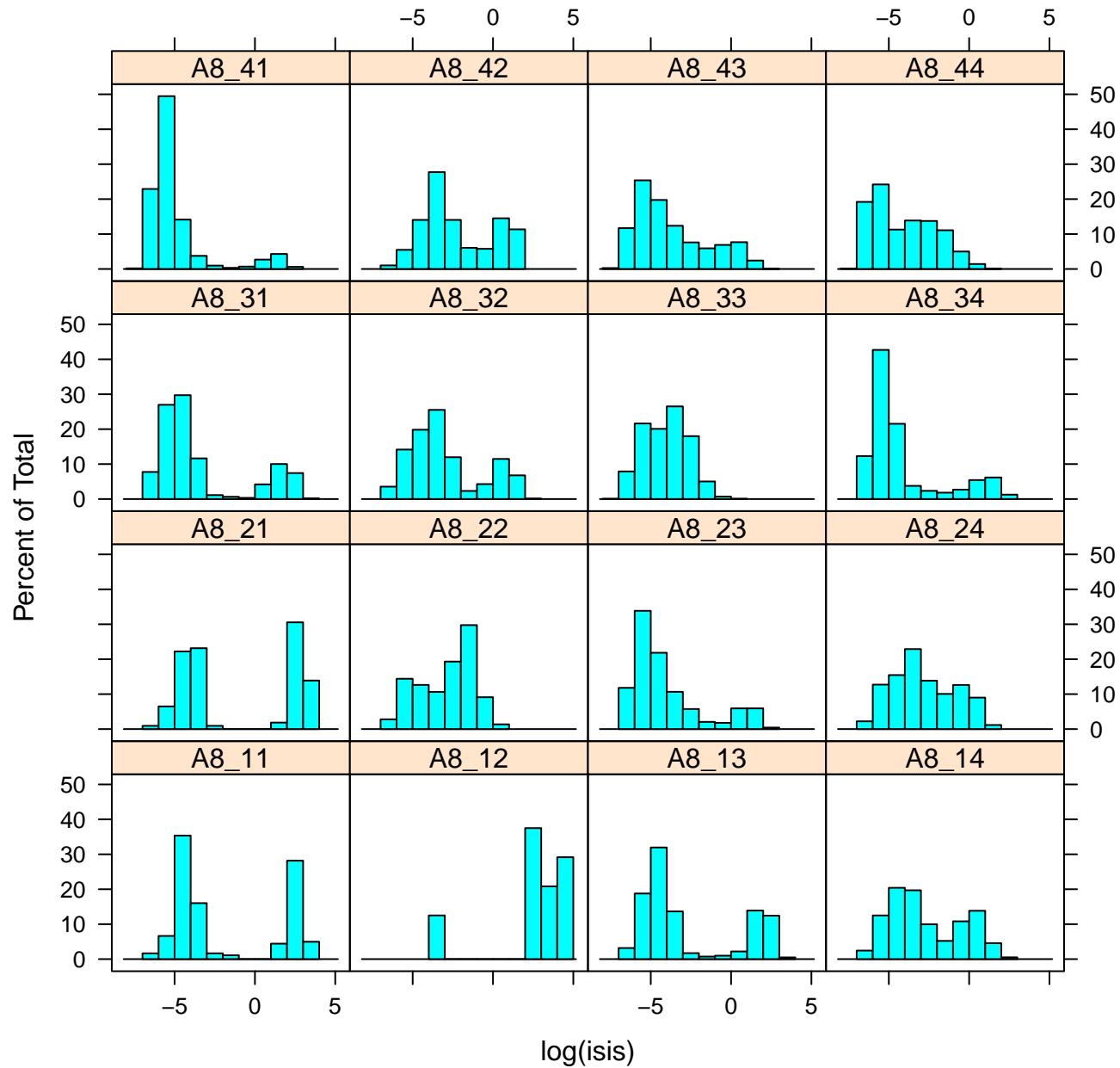
## **log(ISIs) histogram plot for A7**



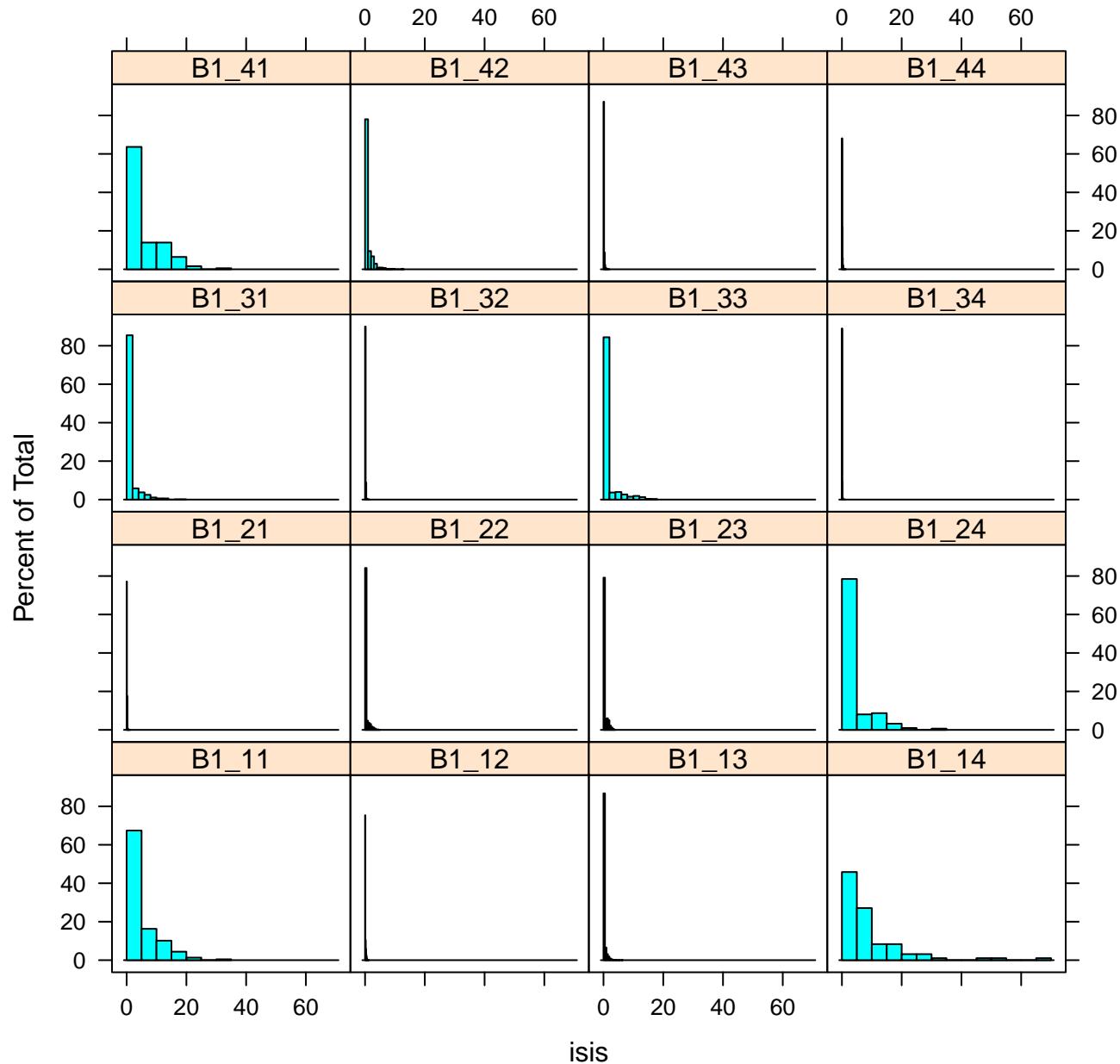
# ISIs histogram plot for A8



# log(ISIs) histogram plot for A8

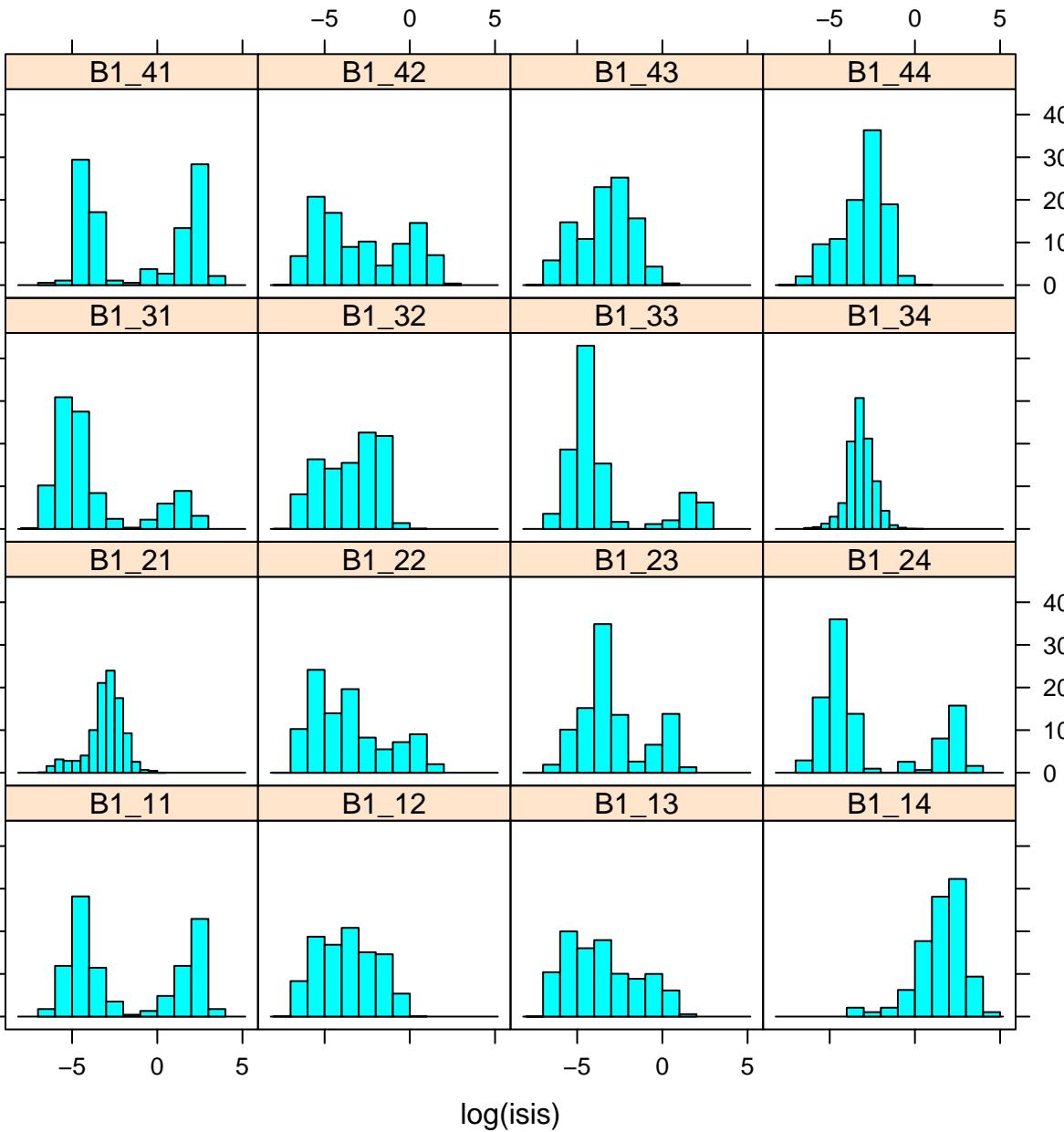


# ISIs histogram plot for B1

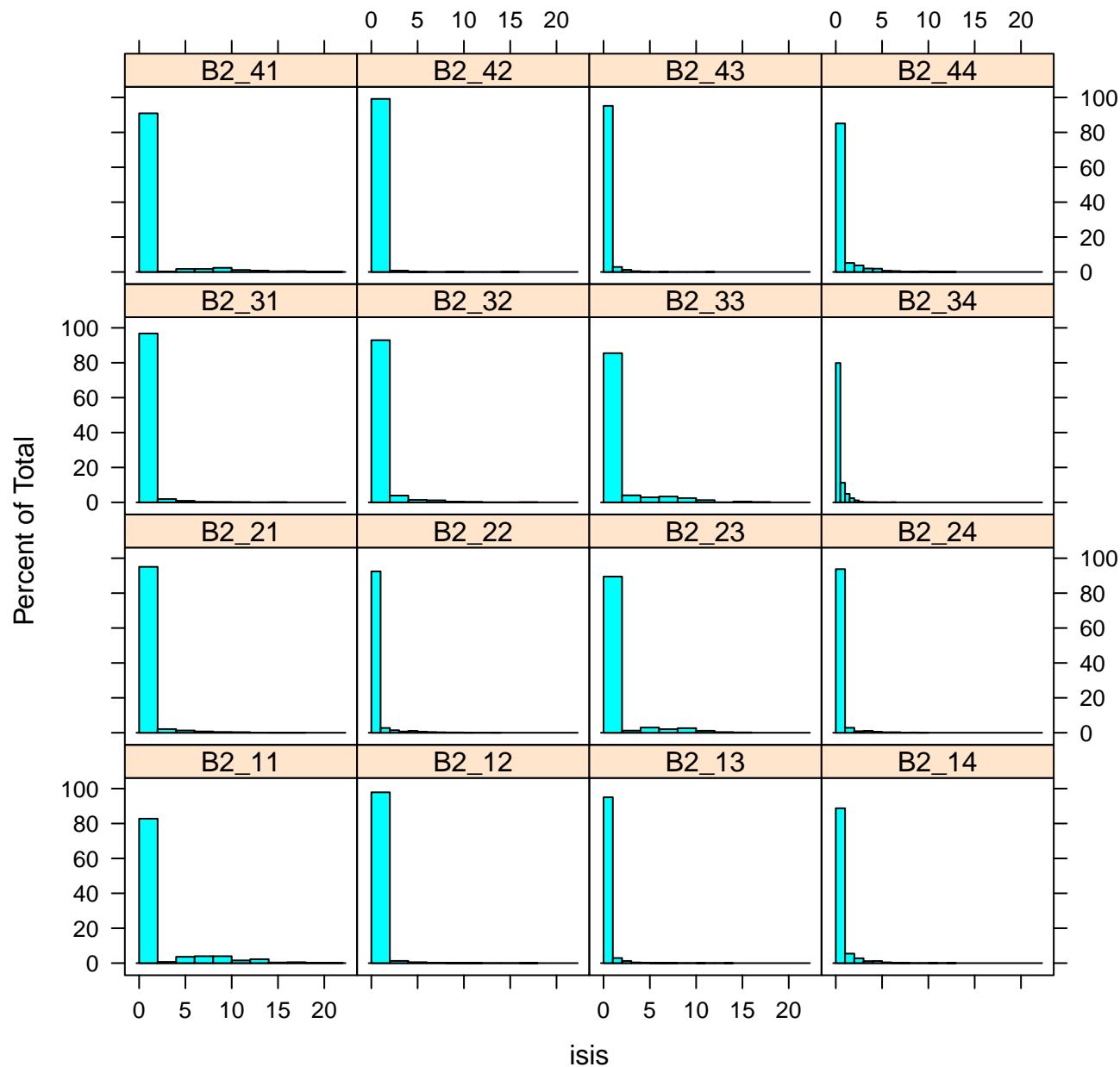


# log(ISIs) histogram plot for B1

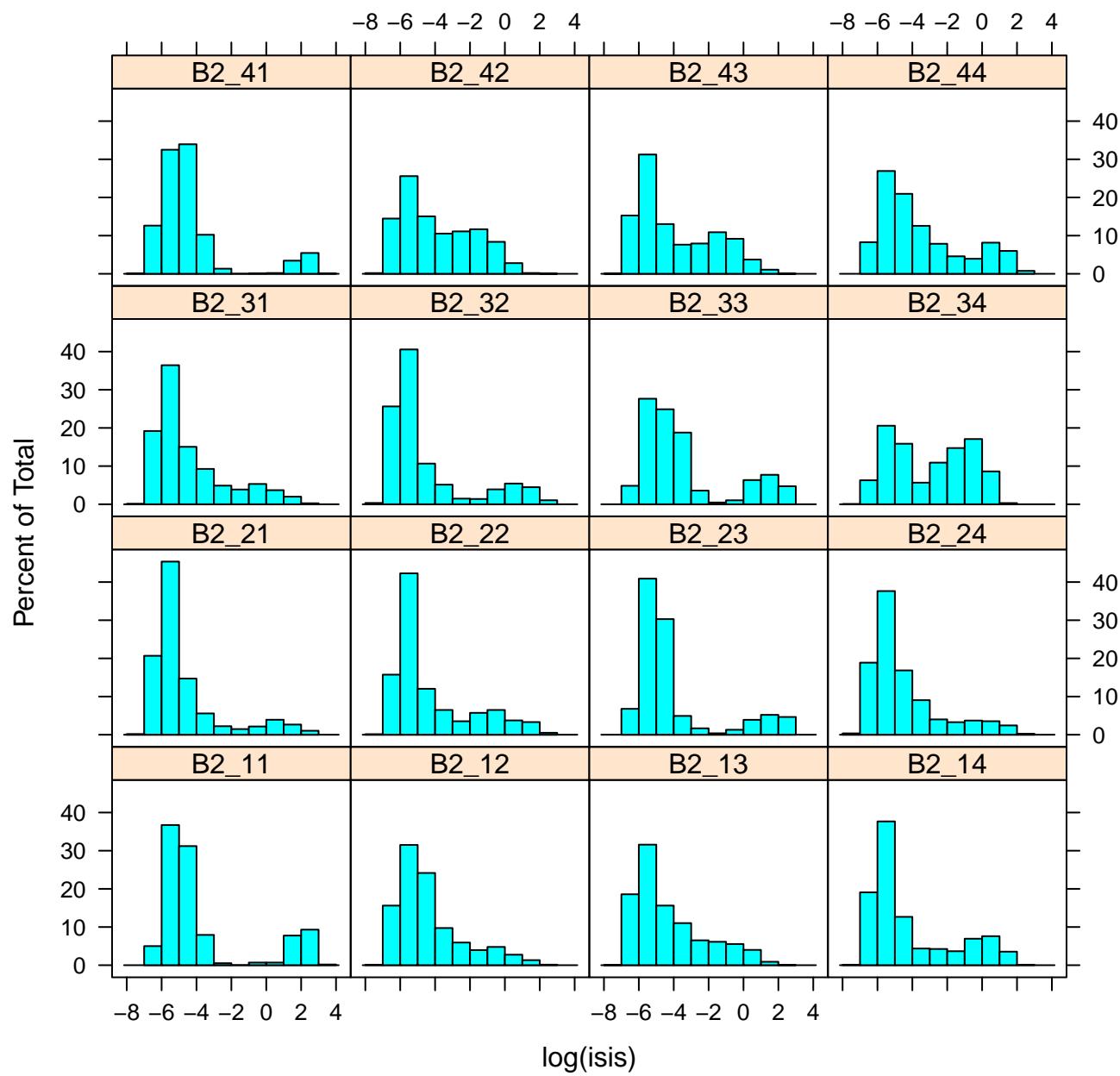
Percent of Total



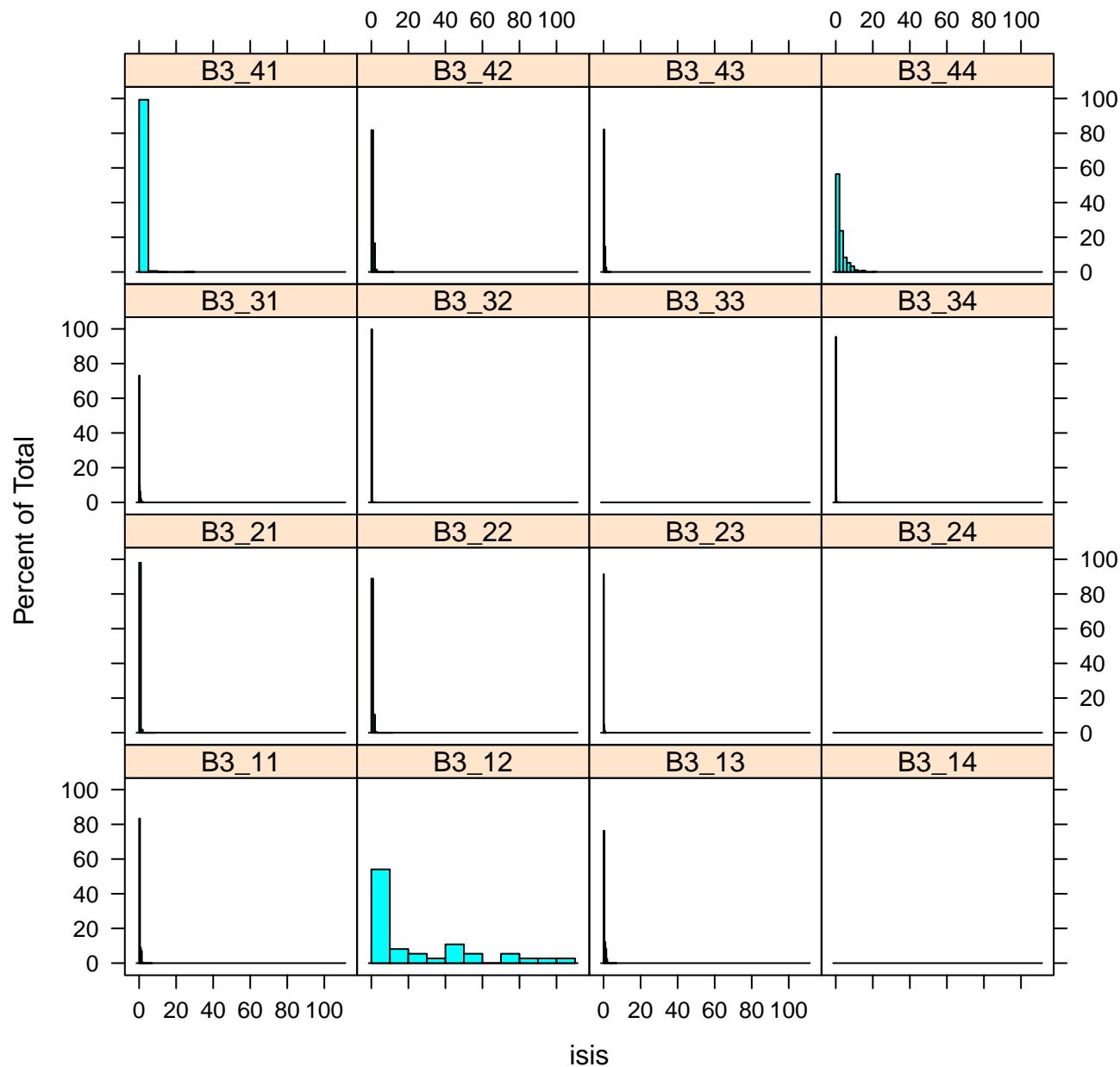
# ISIs histogram plot for B2



## **log(ISIs) histogram plot for B2**

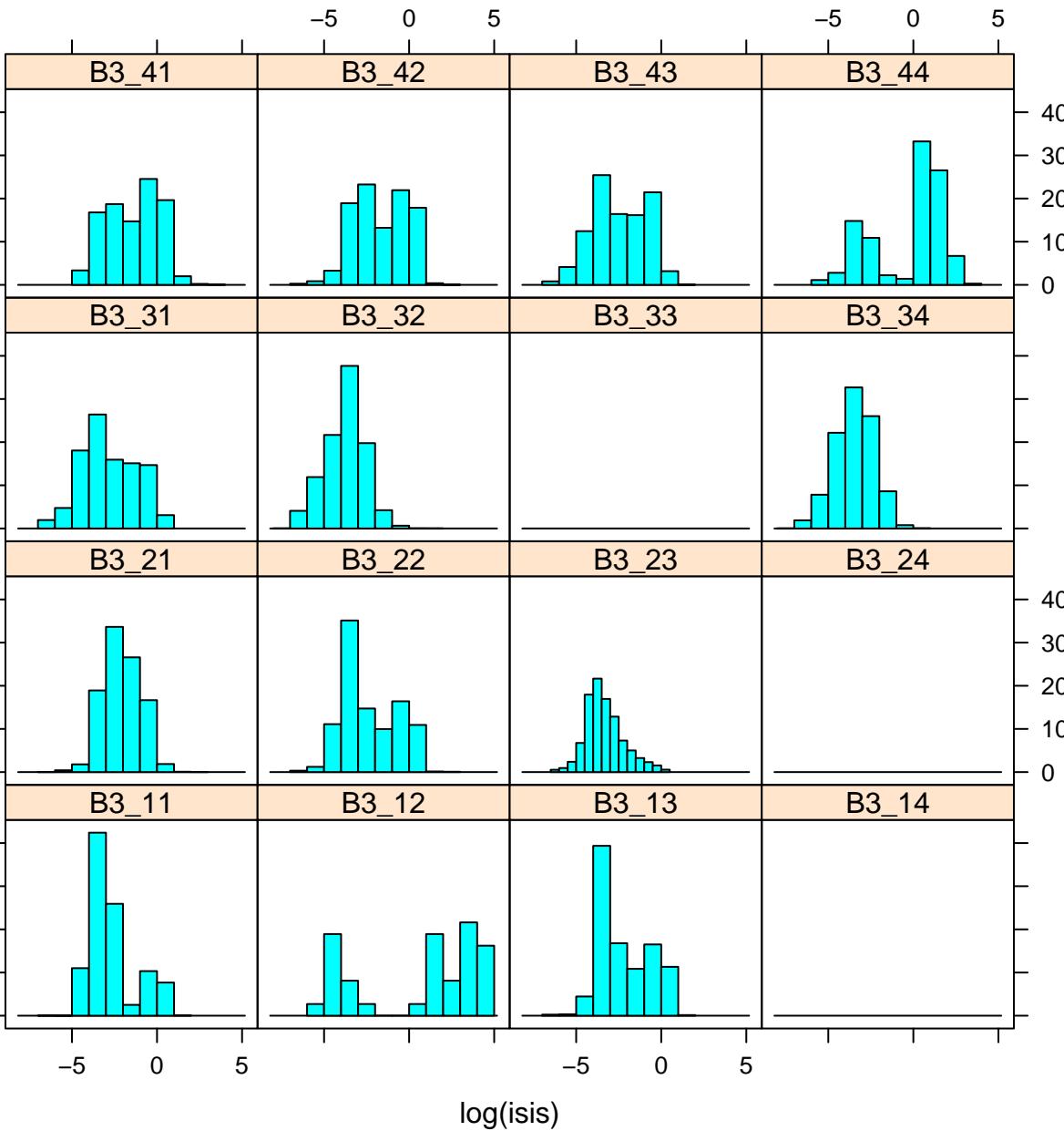


# ISIs histogram plot for B3

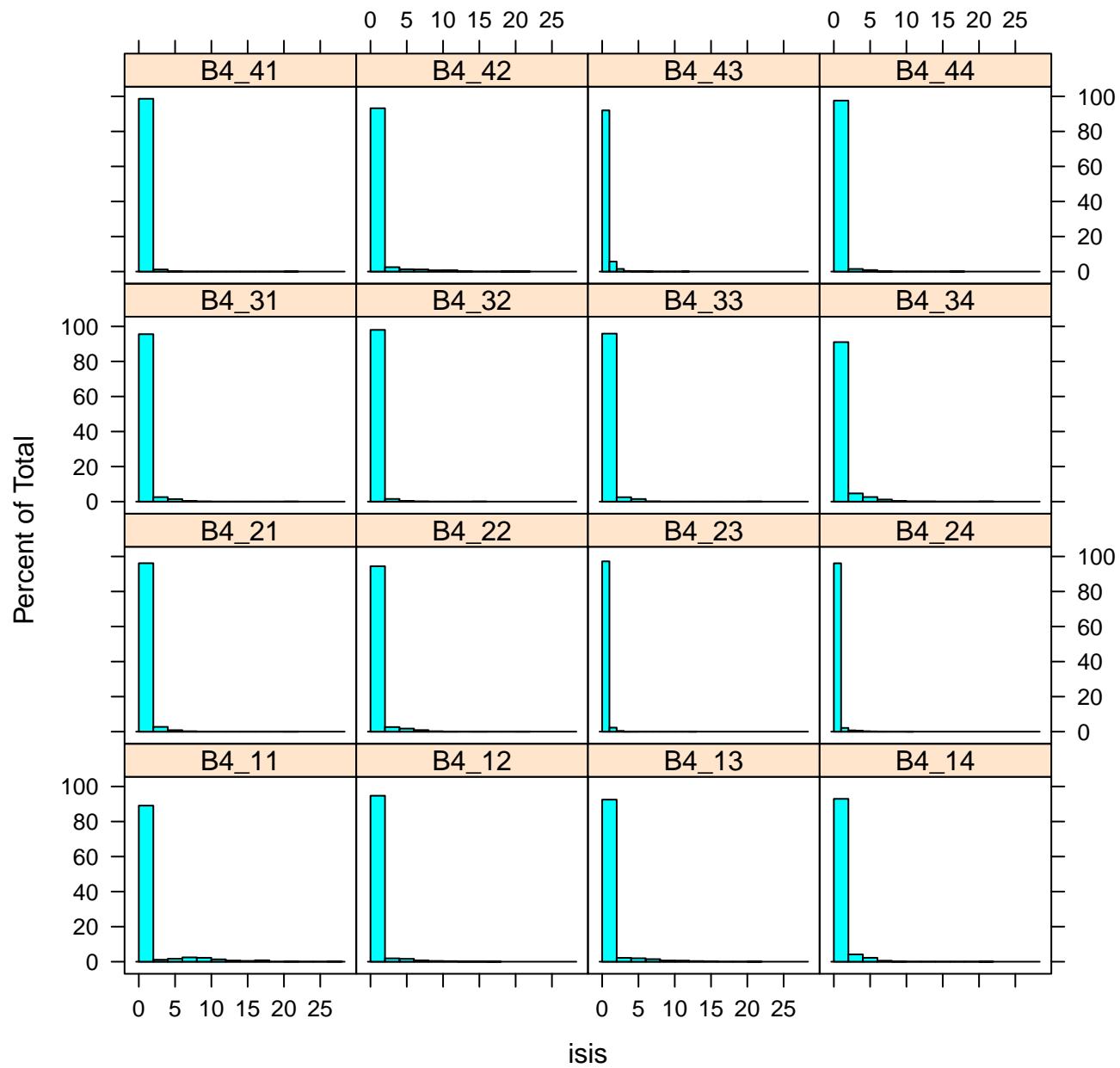


# log(ISIs) histogram plot for B3

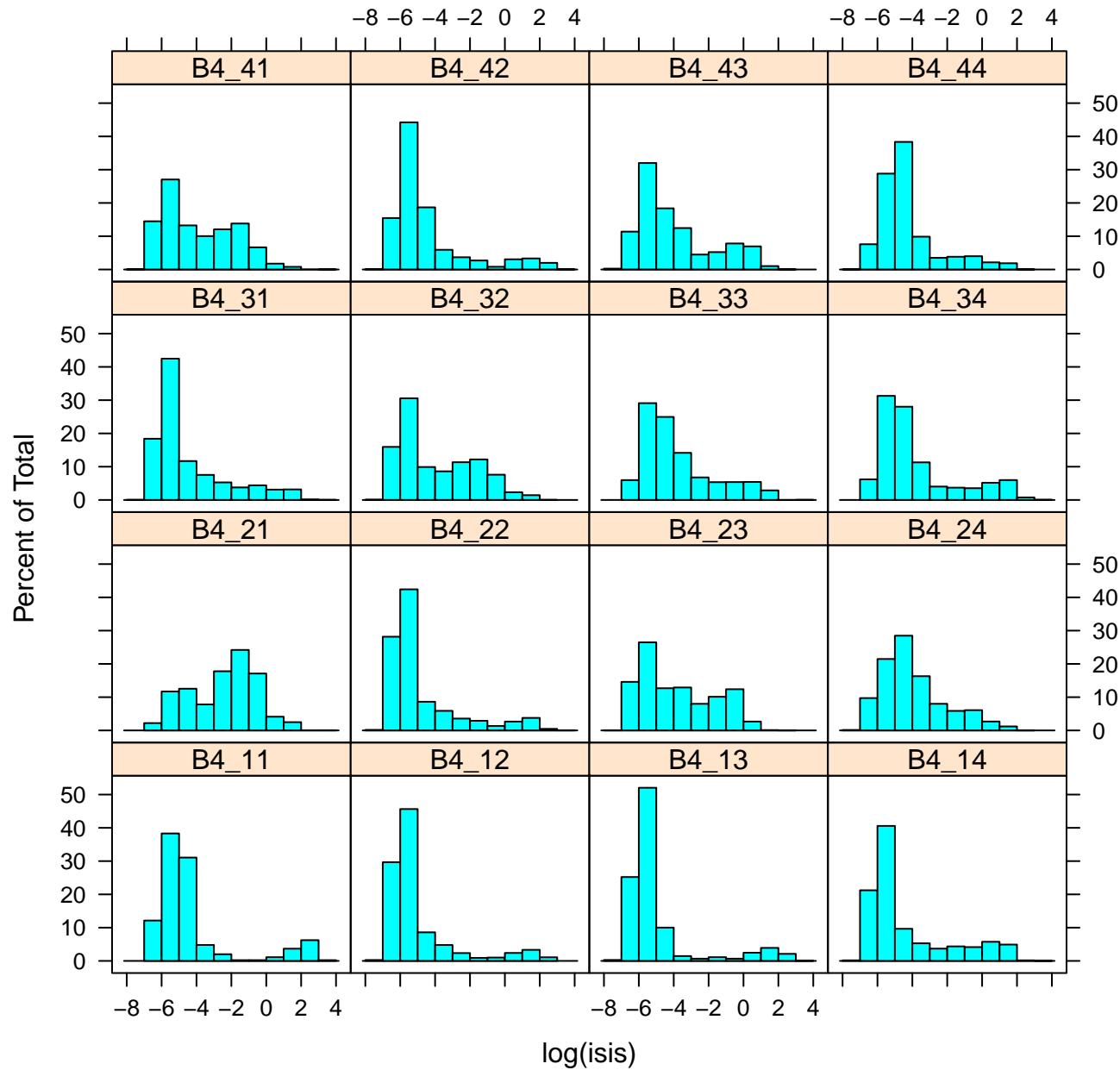
Percent of Total



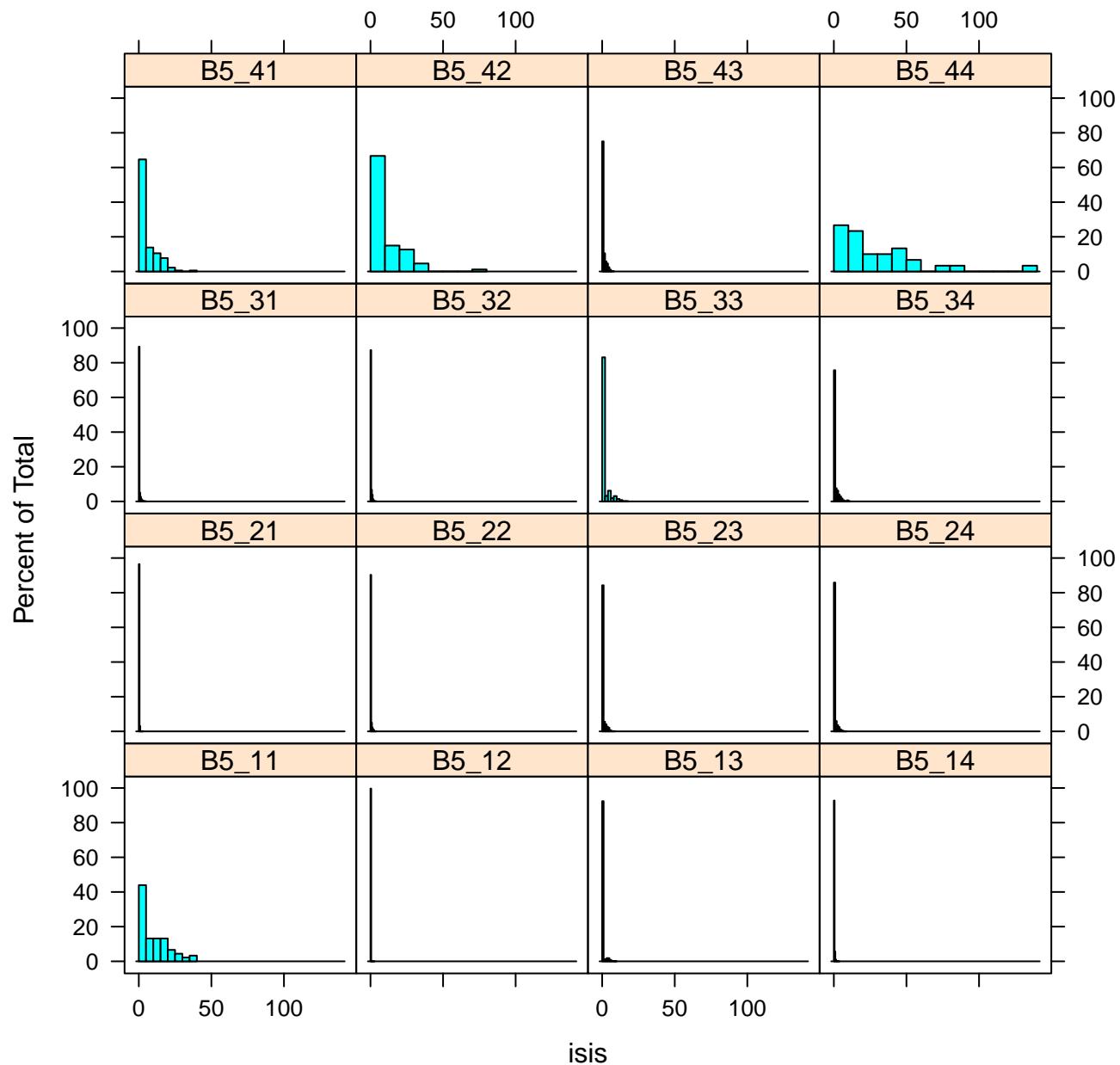
# ISIs histogram plot for B4



# log(ISIs) histogram plot for B4

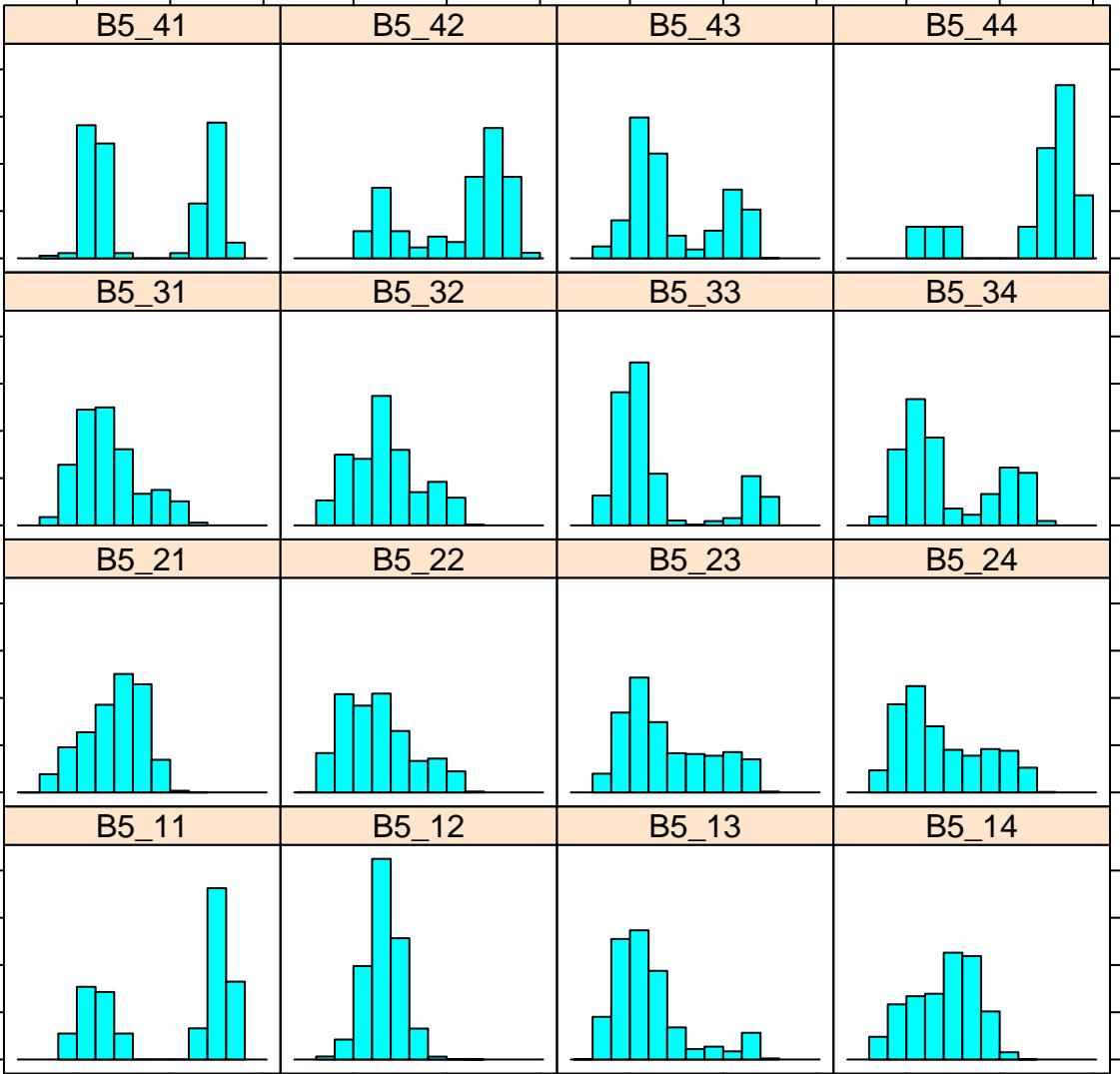


# ISIs histogram plot for B5



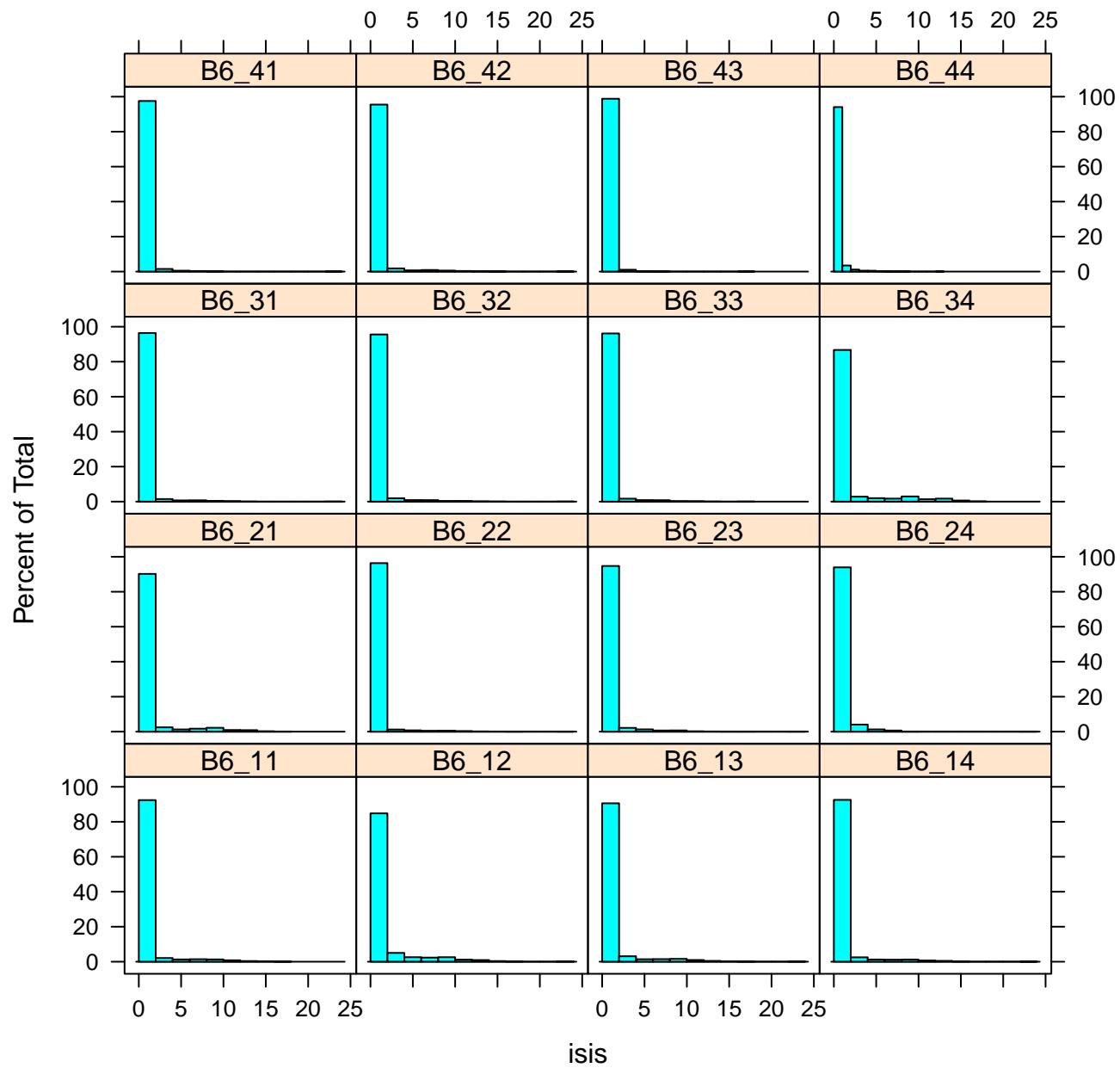
# log(ISIs) histogram plot for B5

Percent of Total

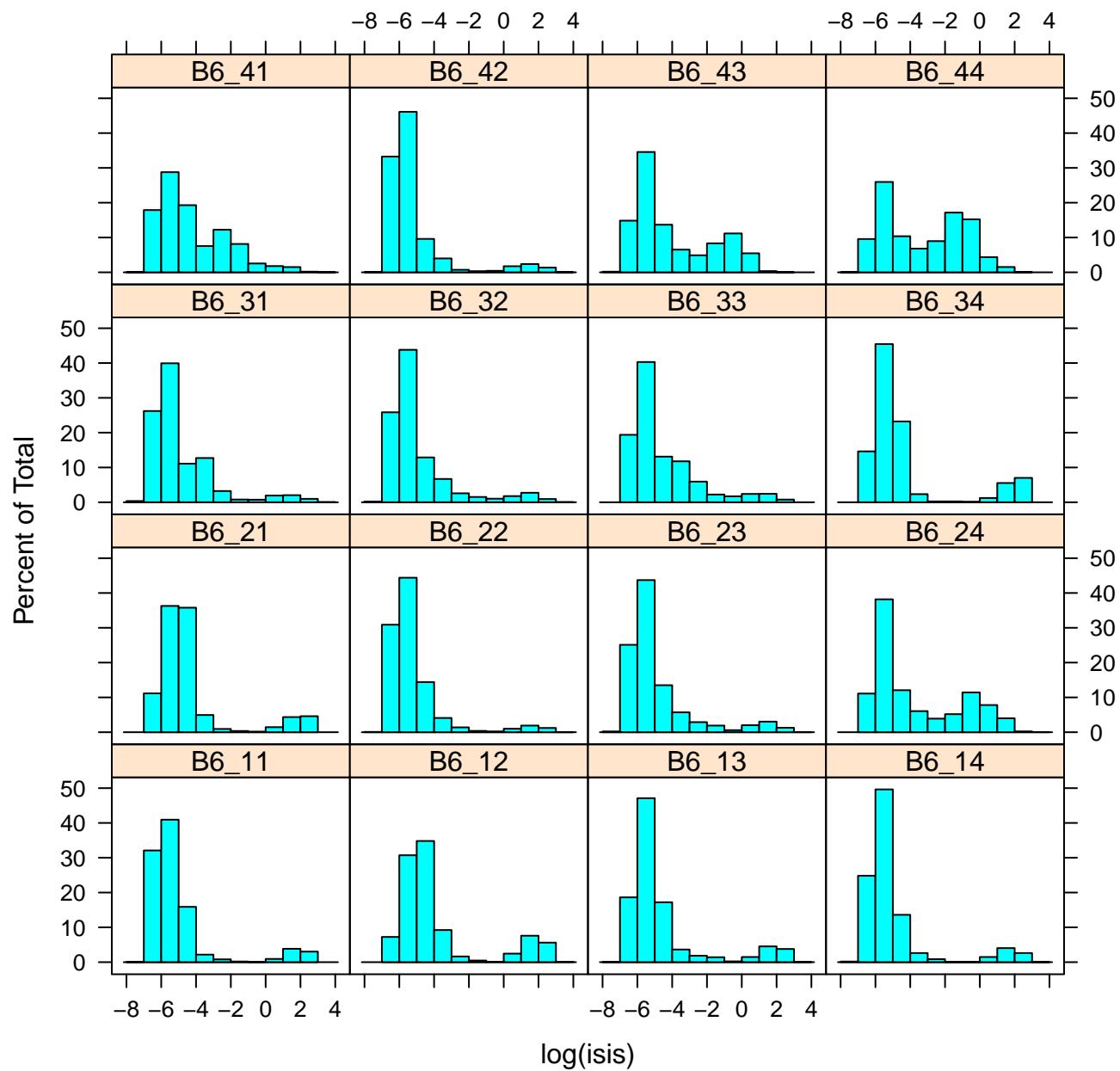


$\log(\text{isis})$

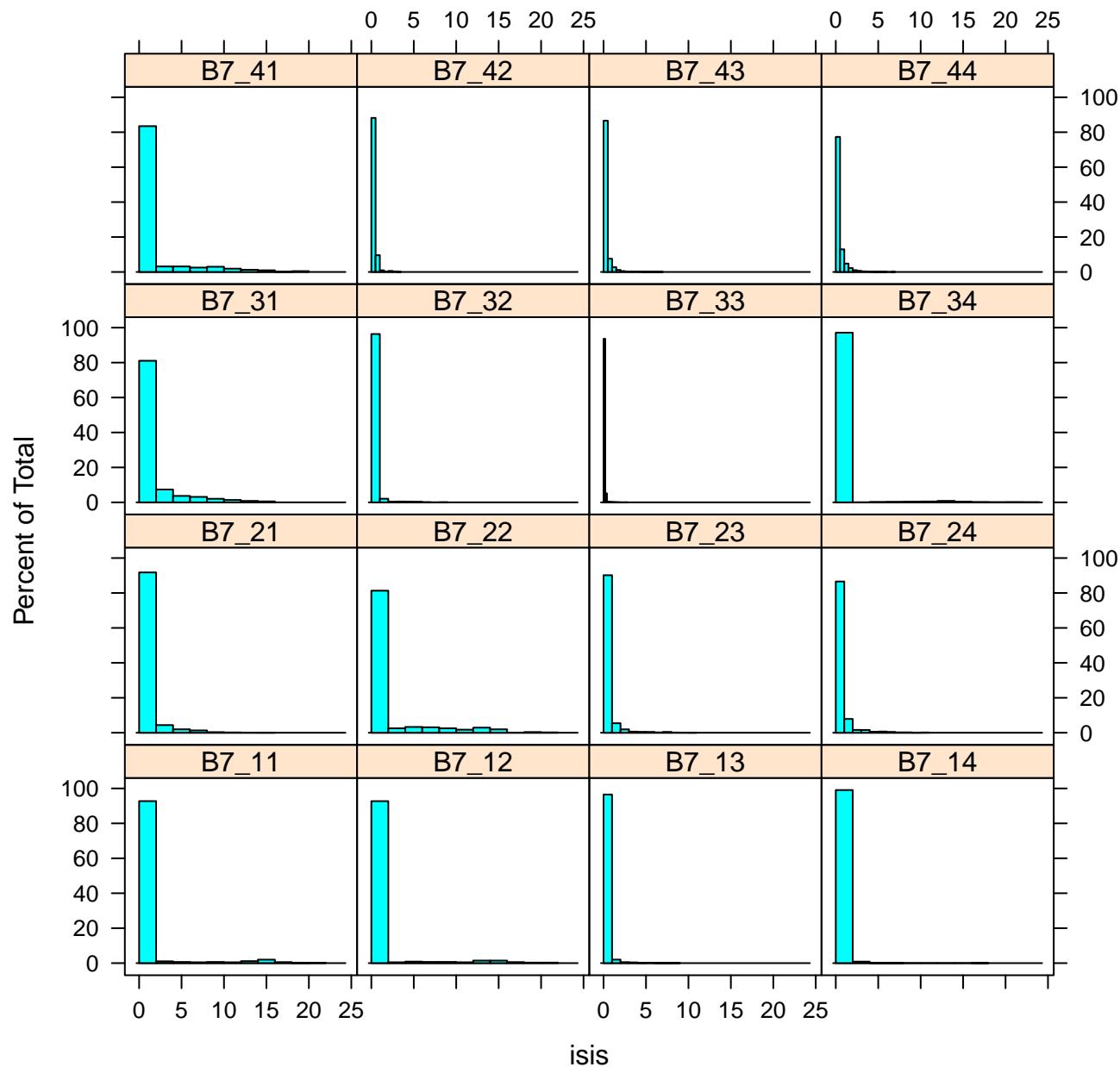
# ISIs histogram plot for B6



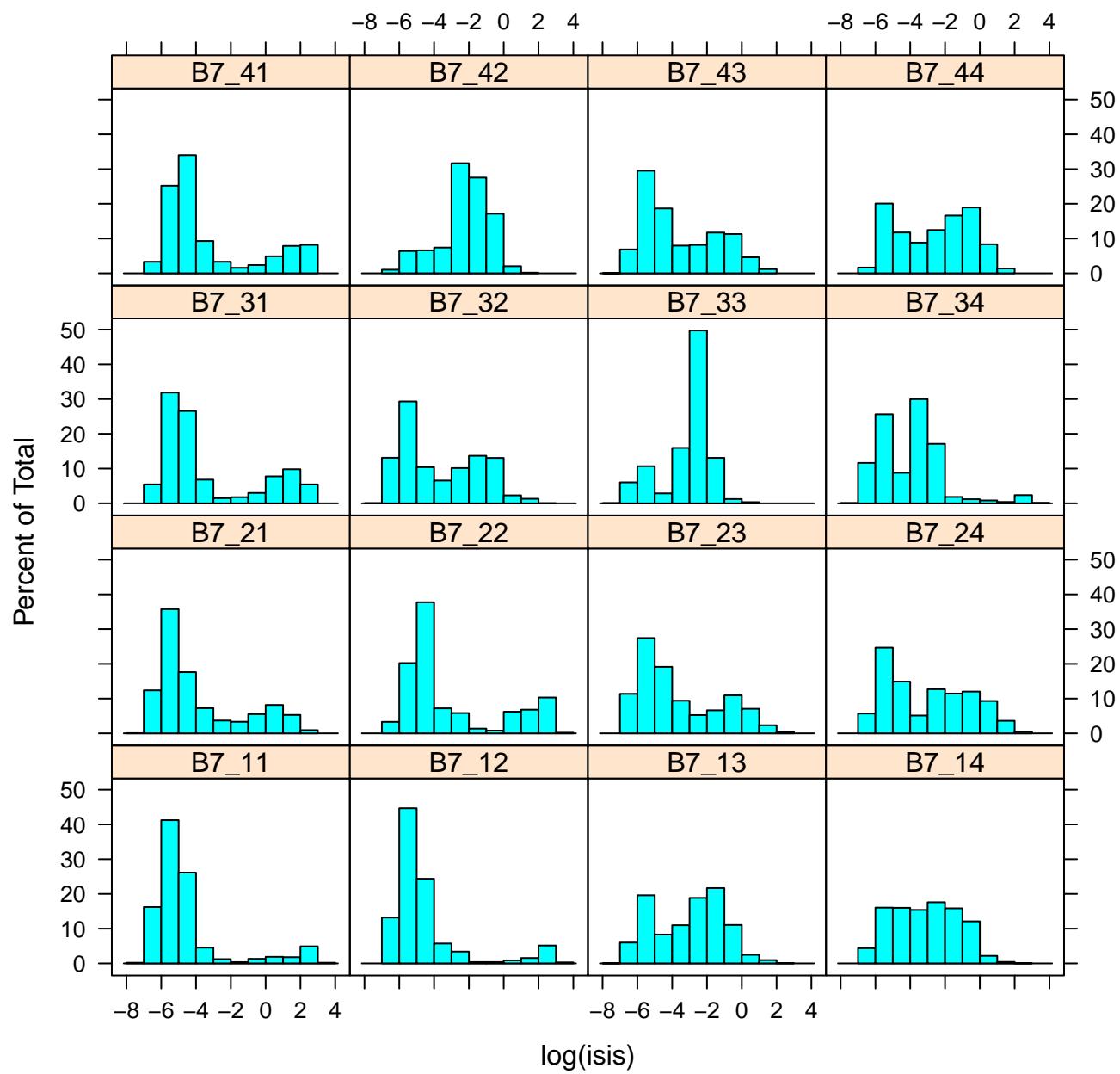
# log(ISIs) histogram plot for B6



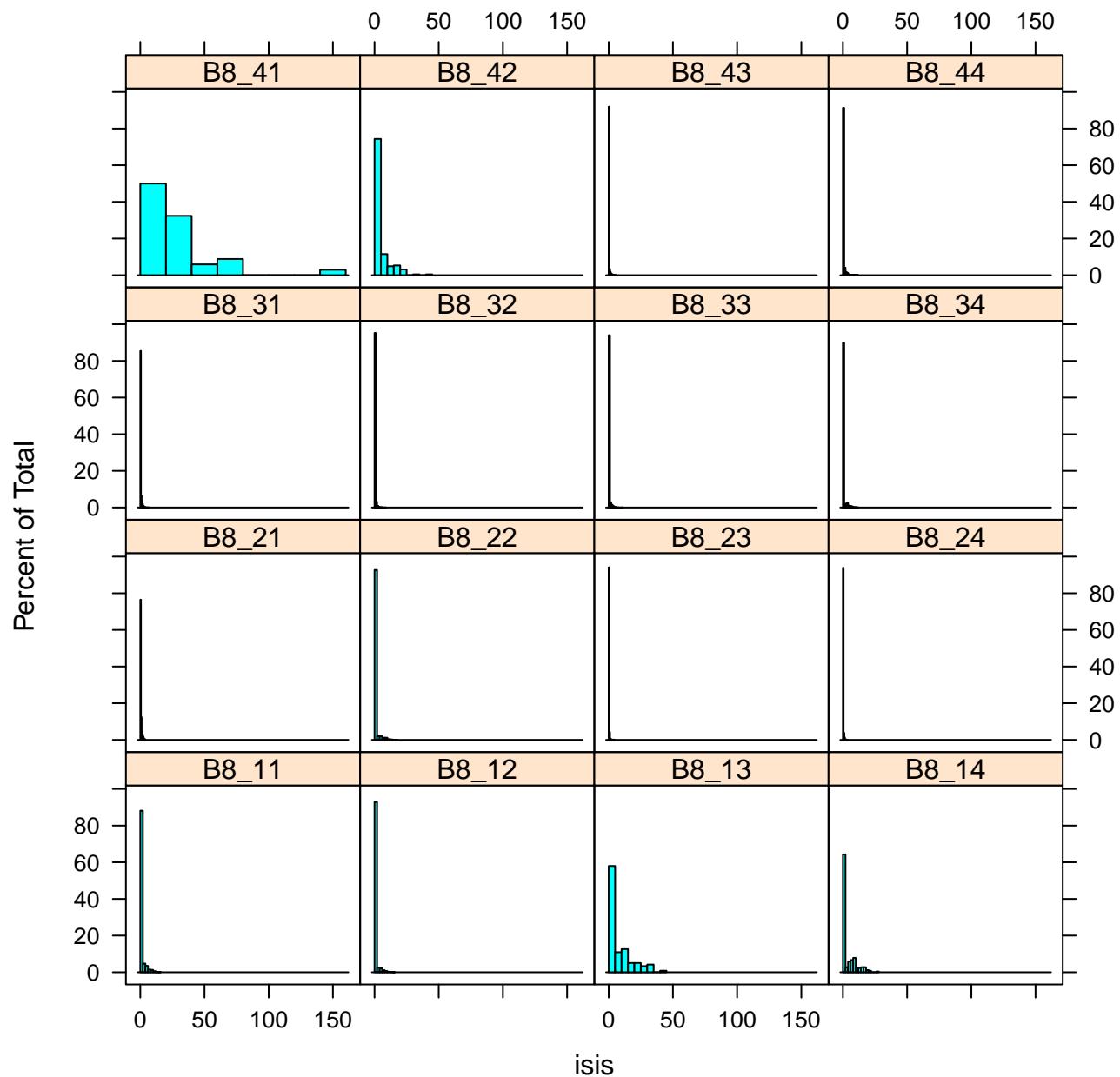
# ISIs histogram plot for B7



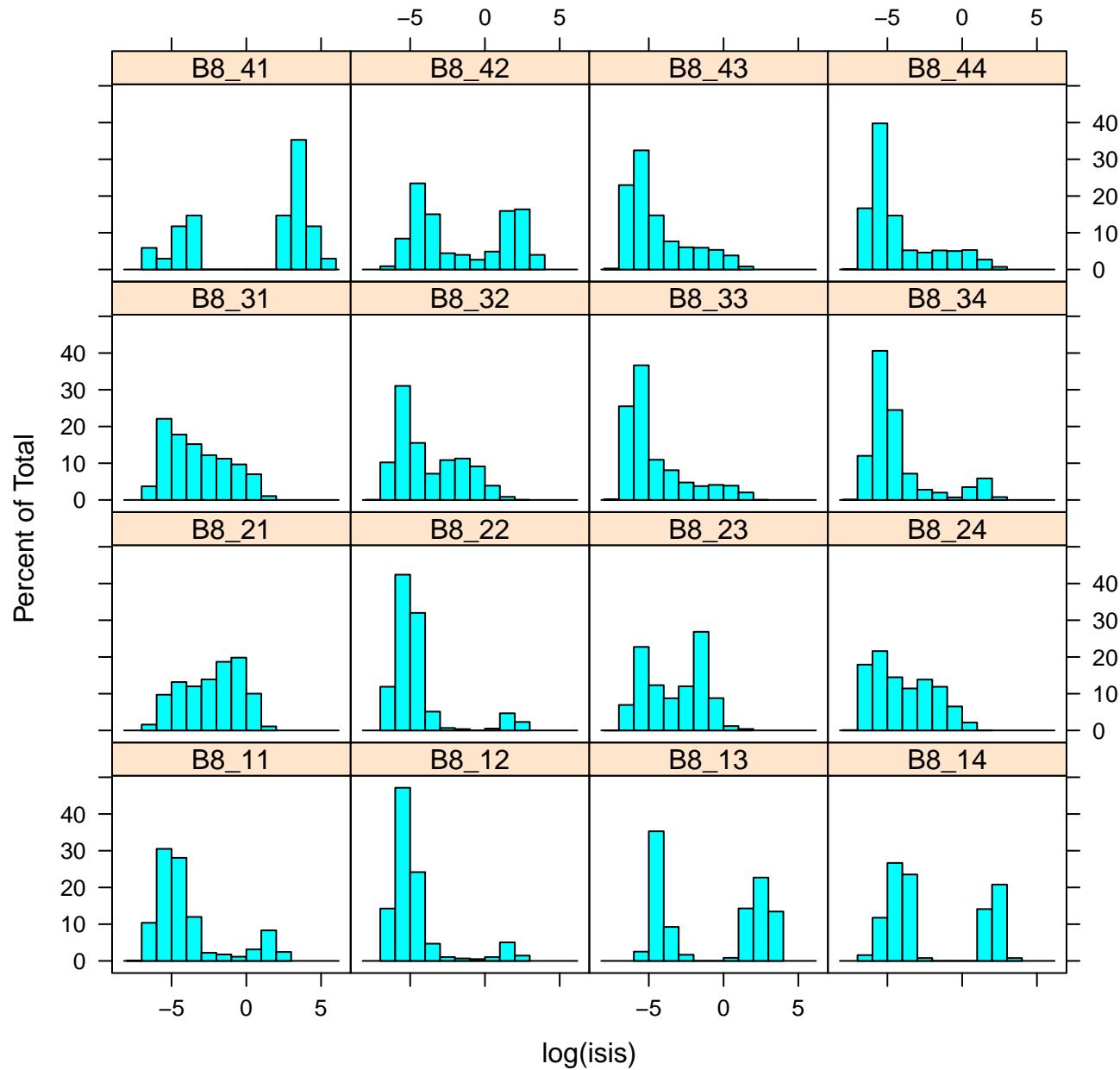
## **log(ISIs) histogram plot for B7**



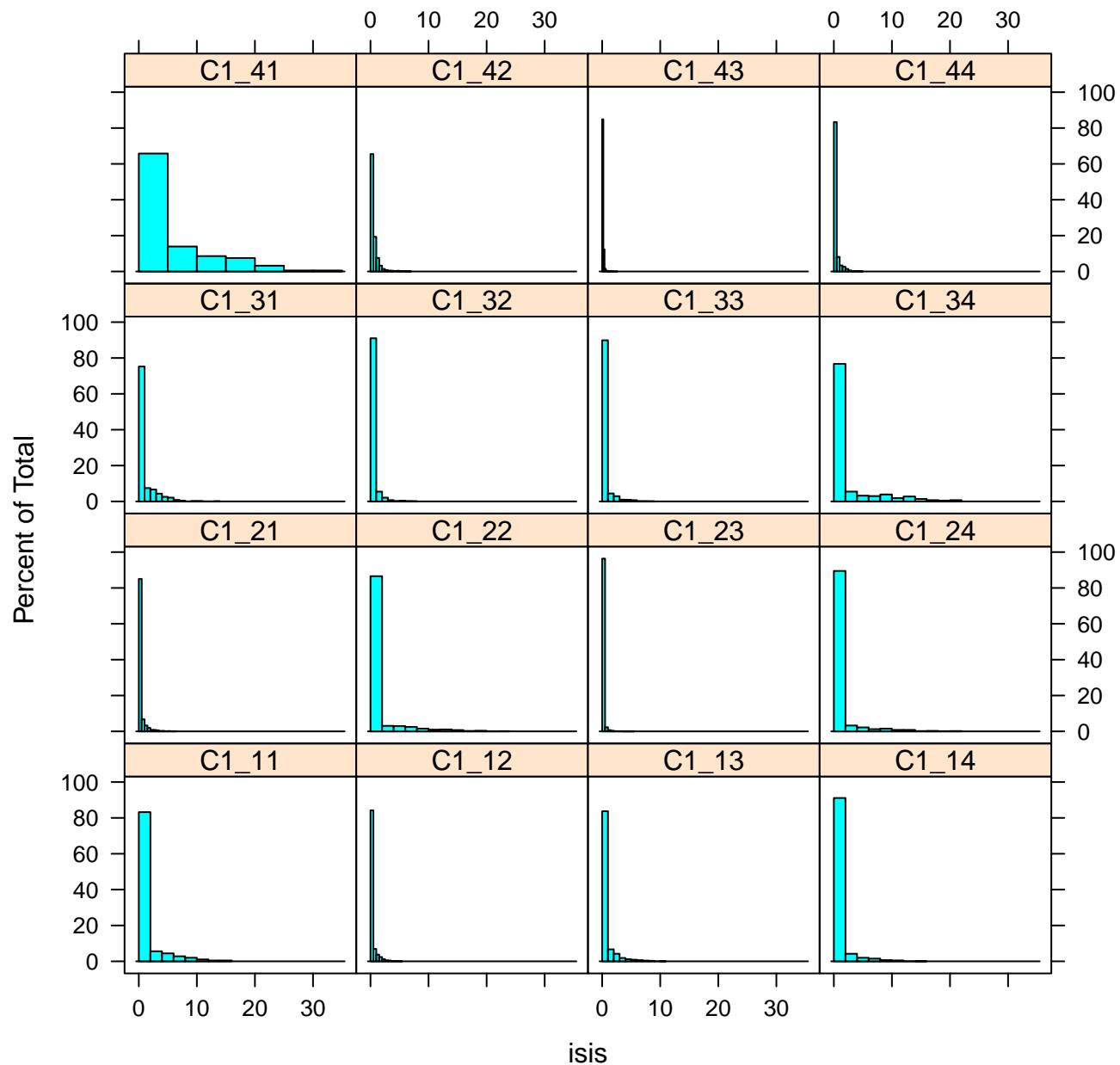
# ISIs histogram plot for B8



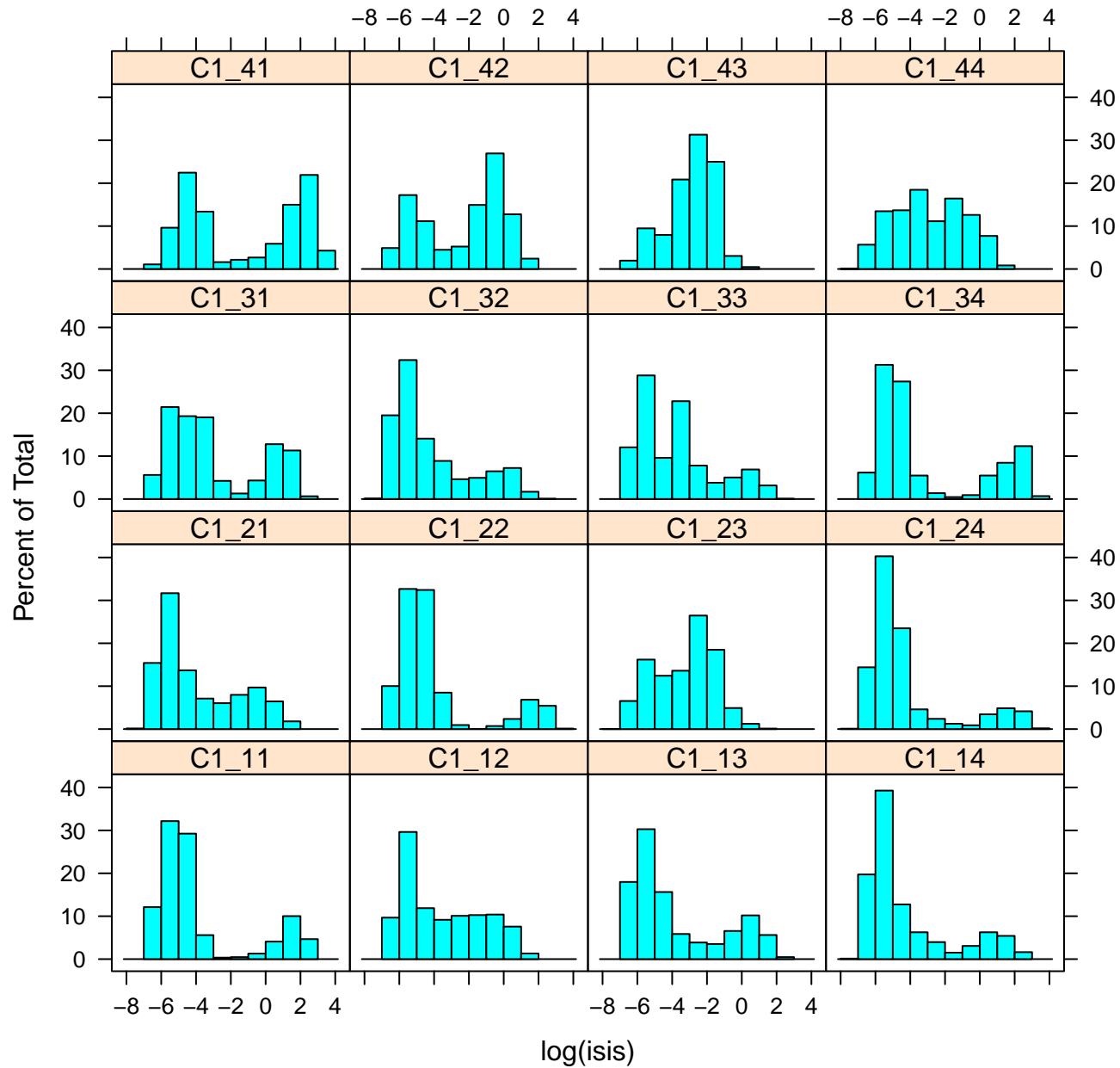
# log(ISIs) histogram plot for B8



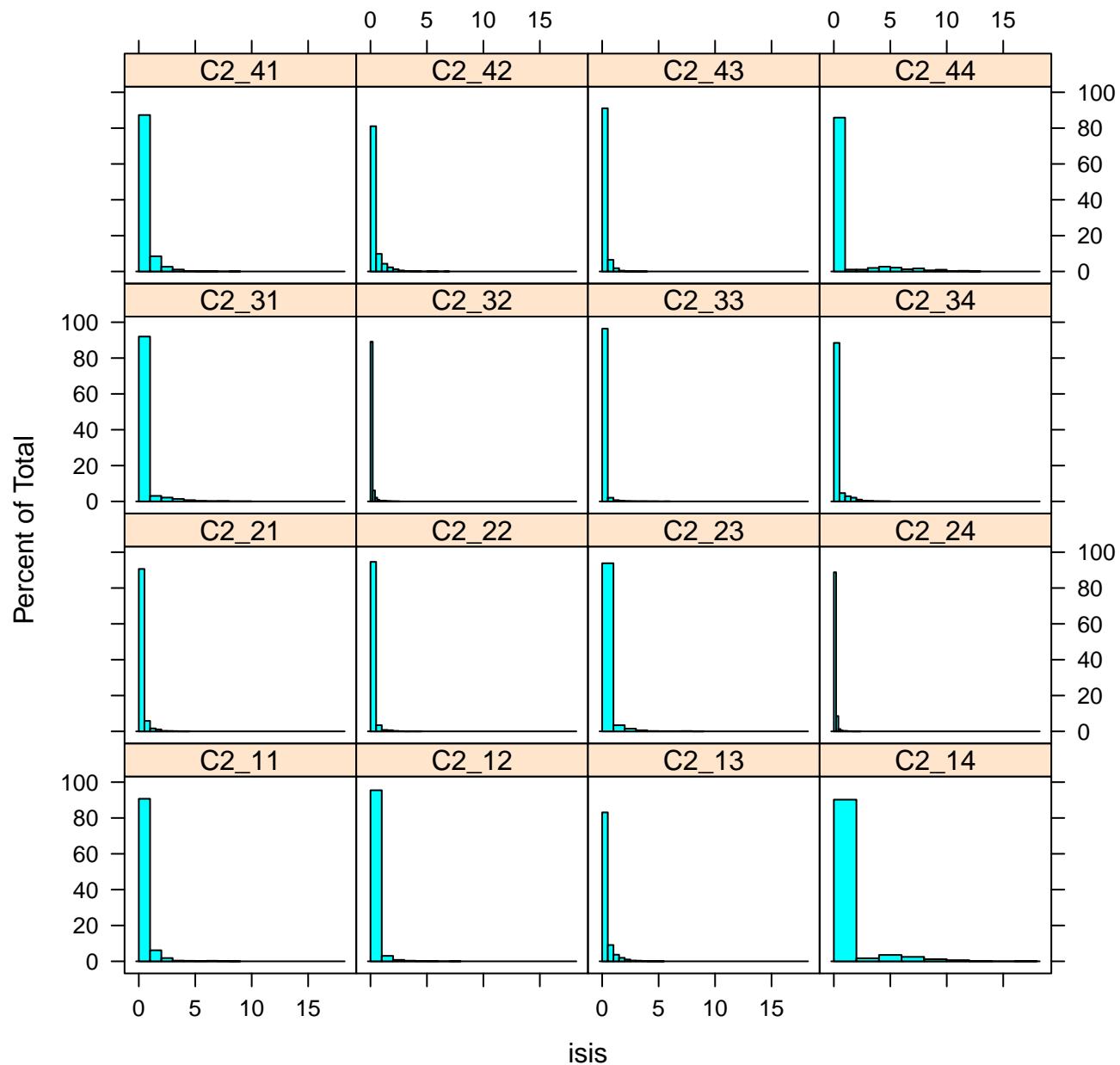
# ISIs histogram plot for C1



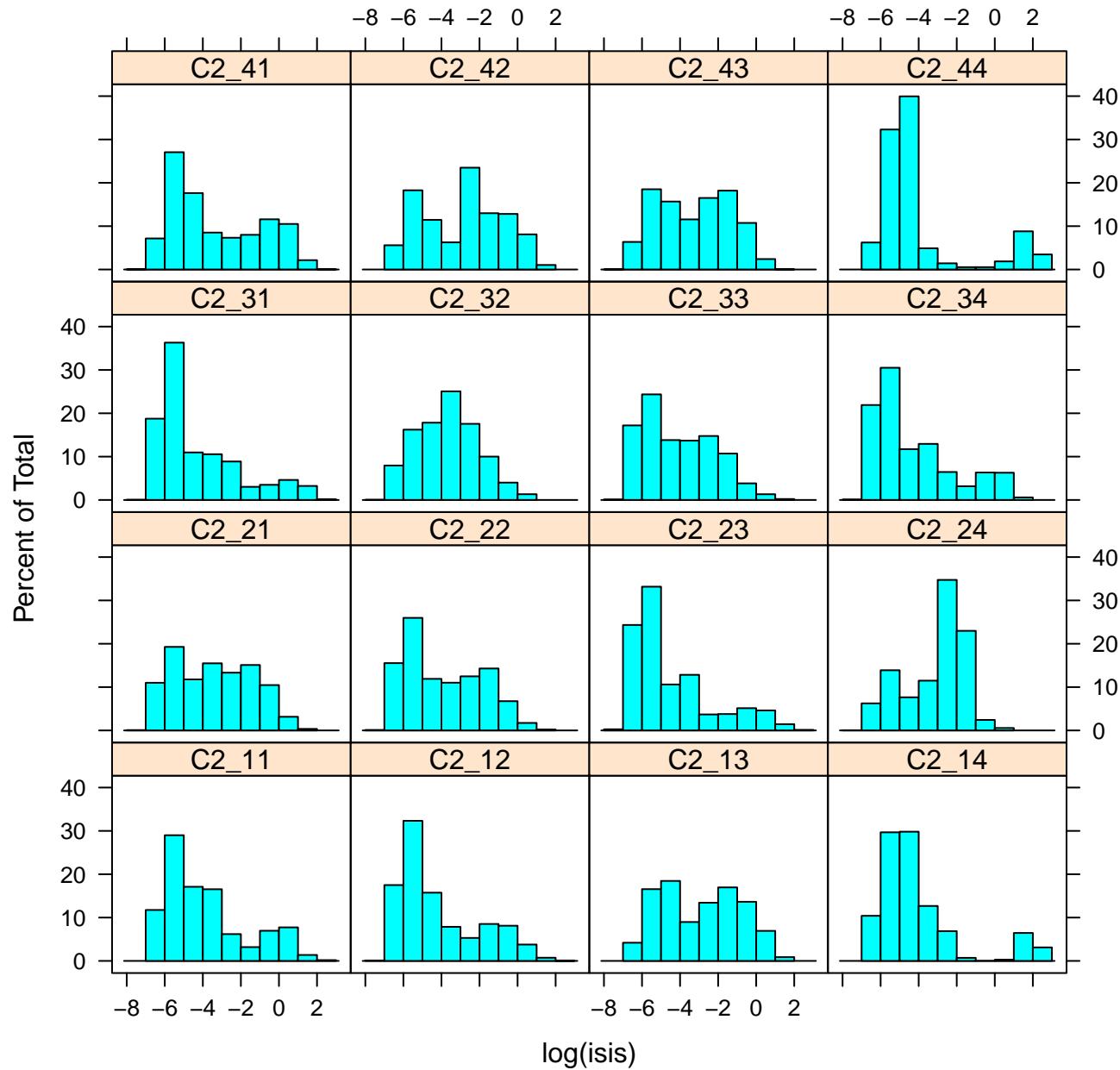
# log(ISIs) histogram plot for C1



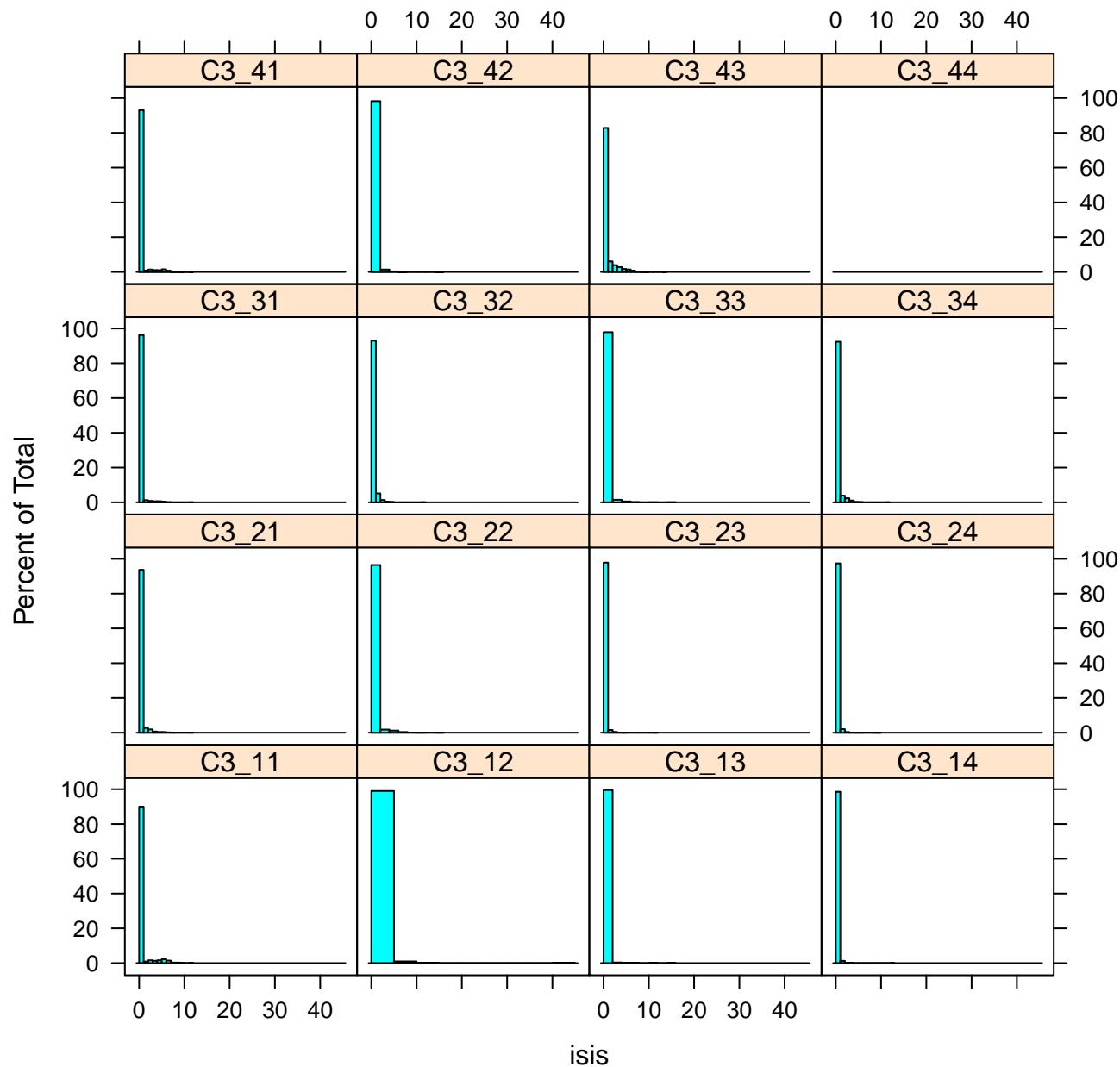
# ISIs histogram plot for C2



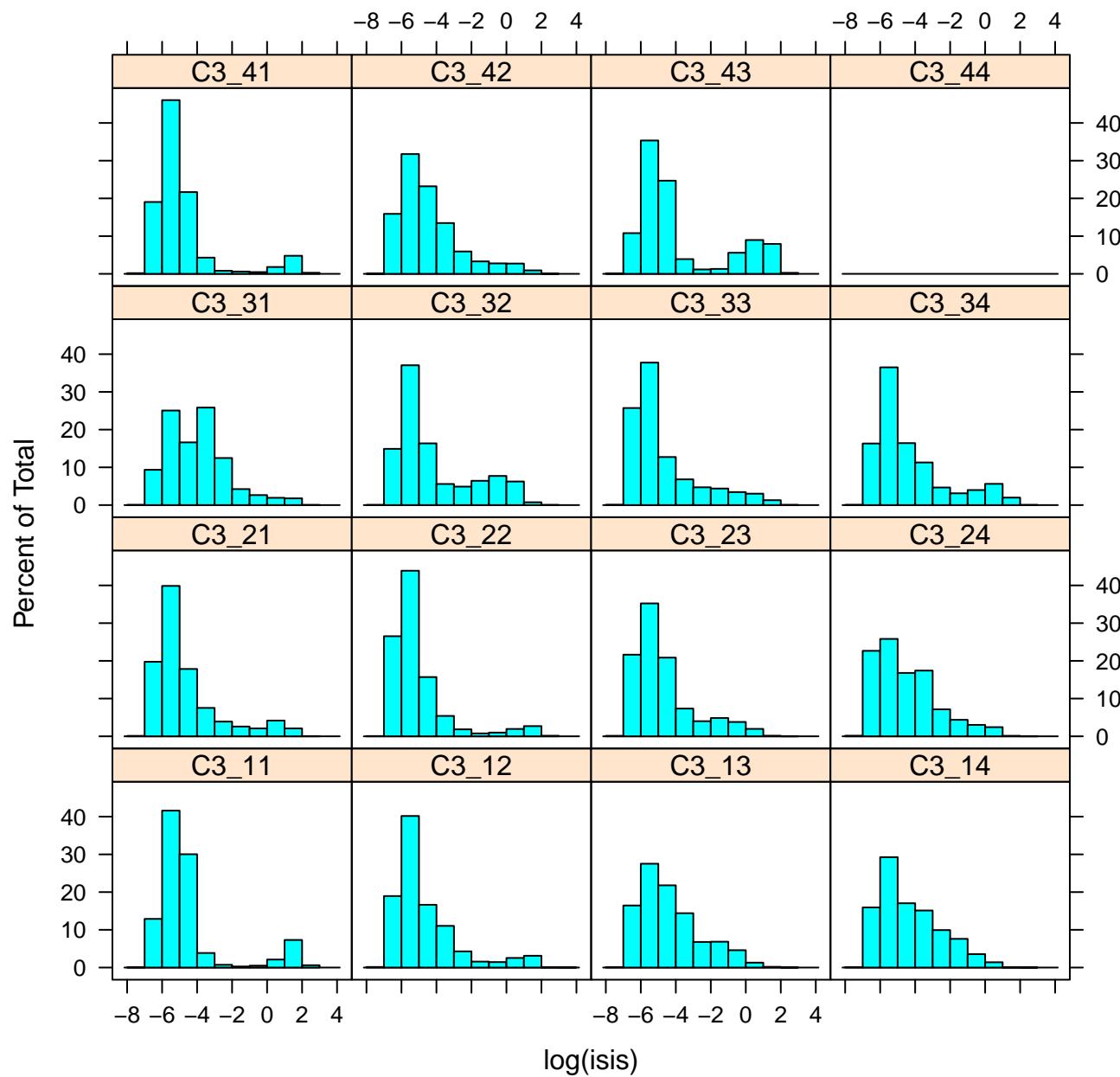
# log(ISIs) histogram plot for C2



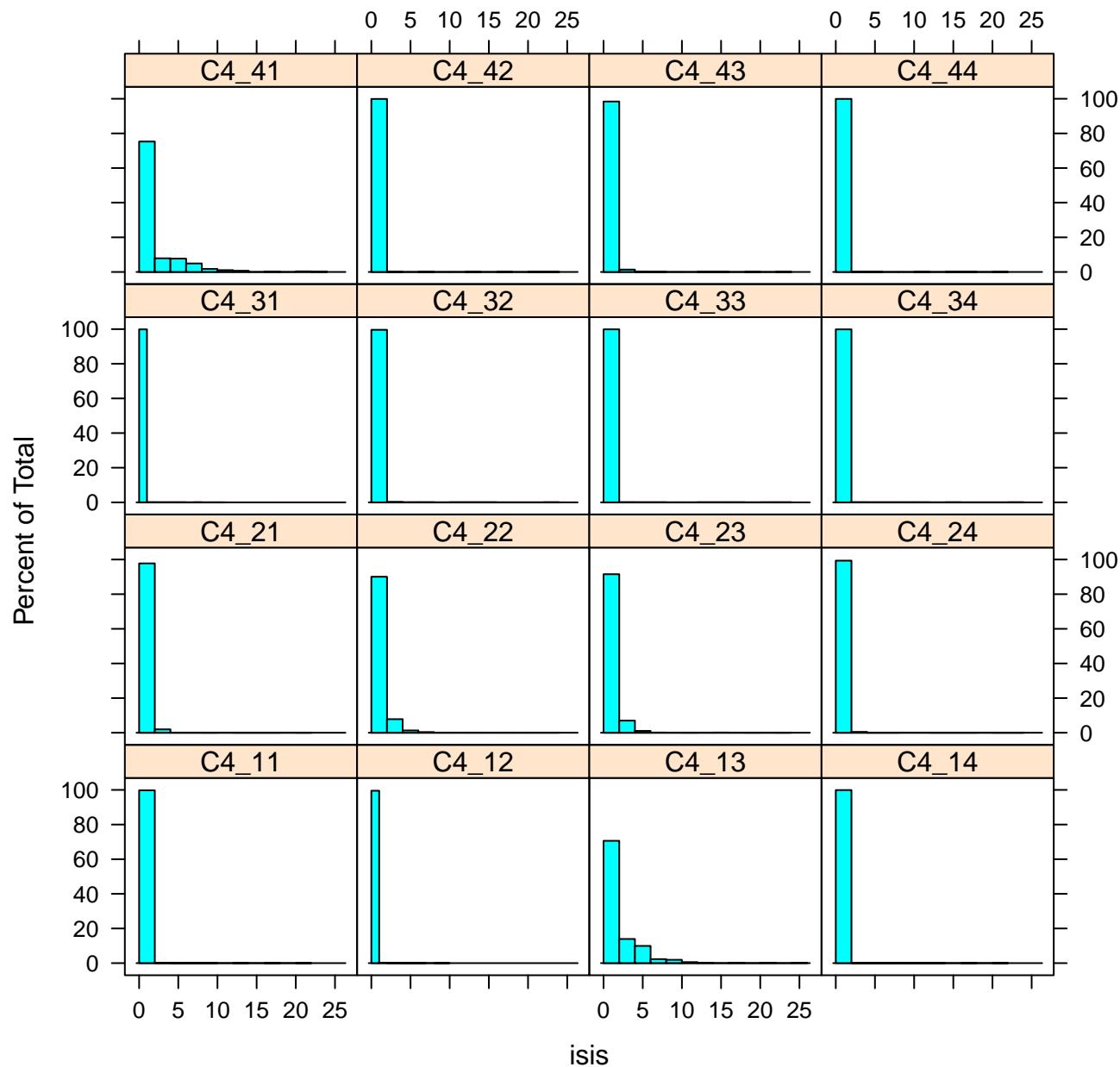
# ISIs histogram plot for C3



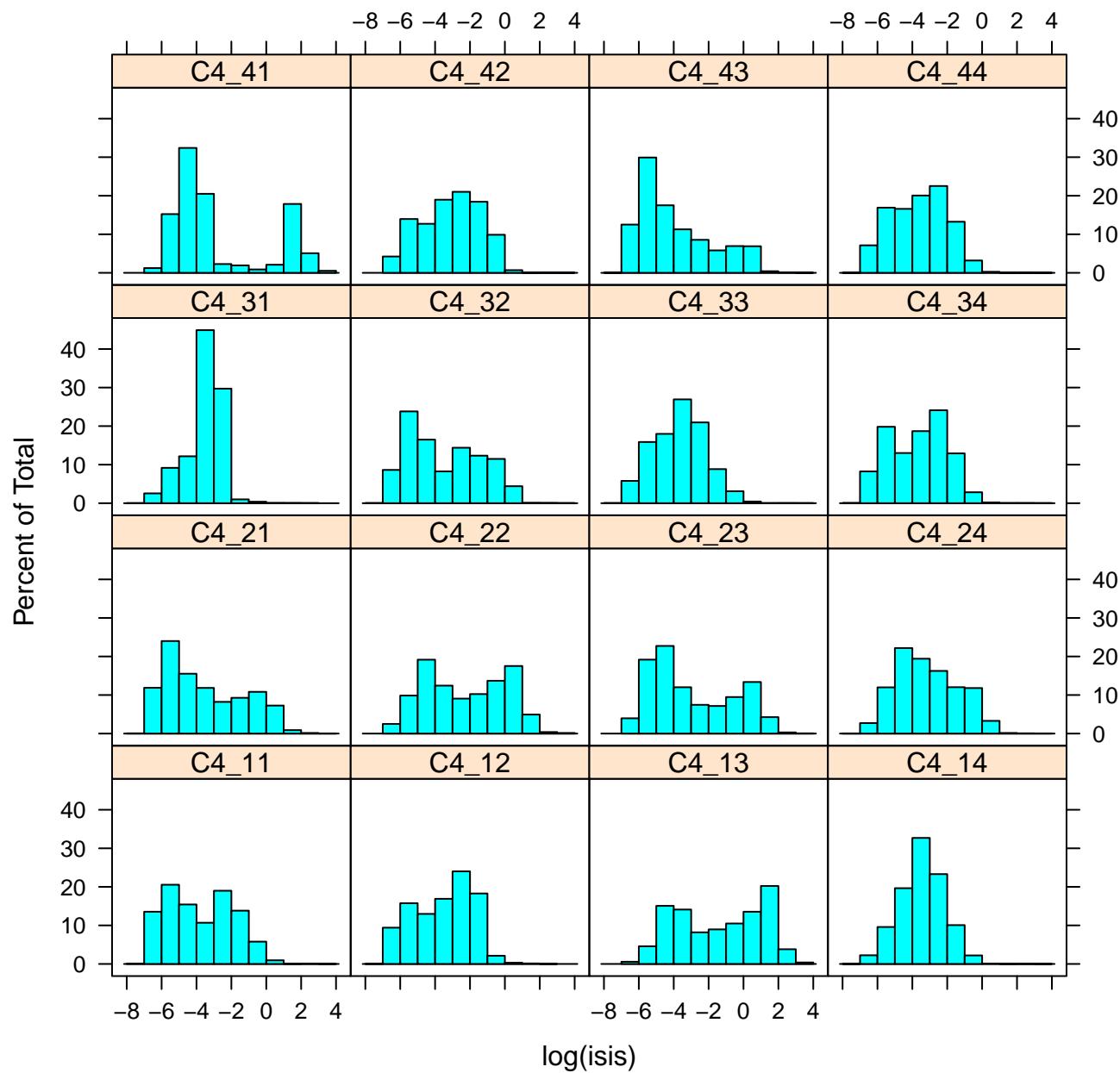
# log(ISIs) histogram plot for C3



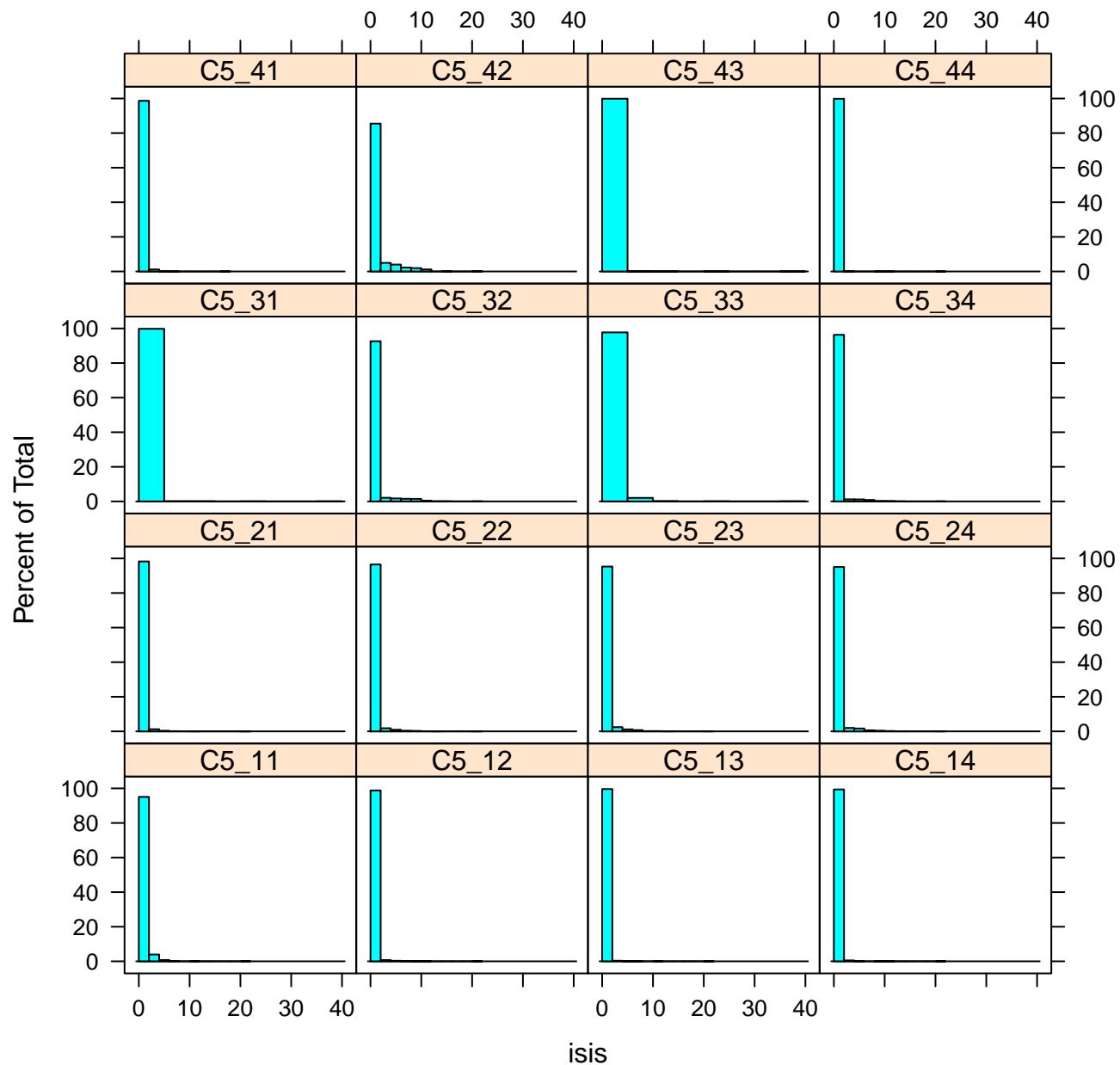
# ISIs histogram plot for C4



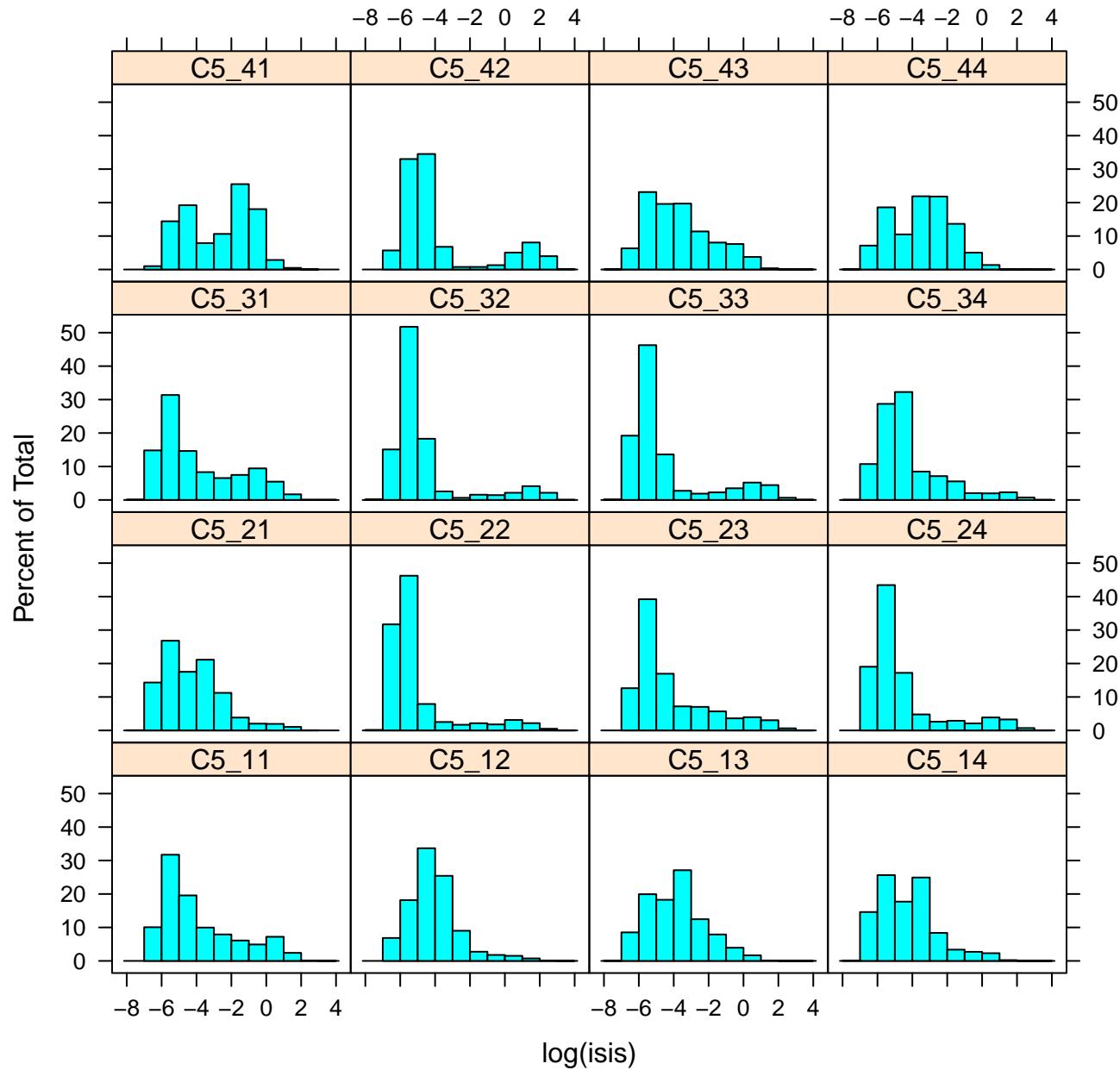
# log(ISIs) histogram plot for C4



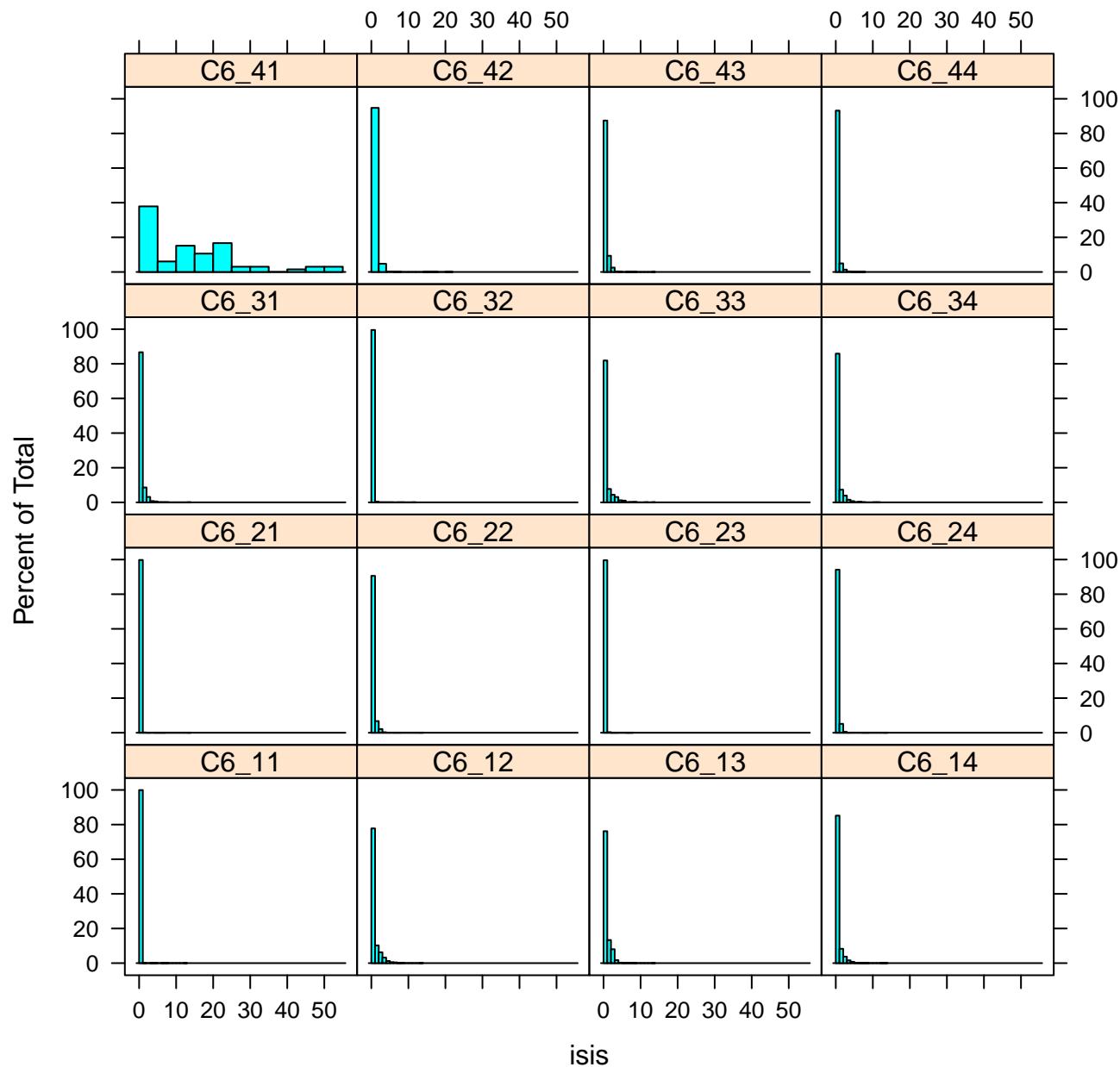
# ISIs histogram plot for C5



# log(ISIs) histogram plot for C5

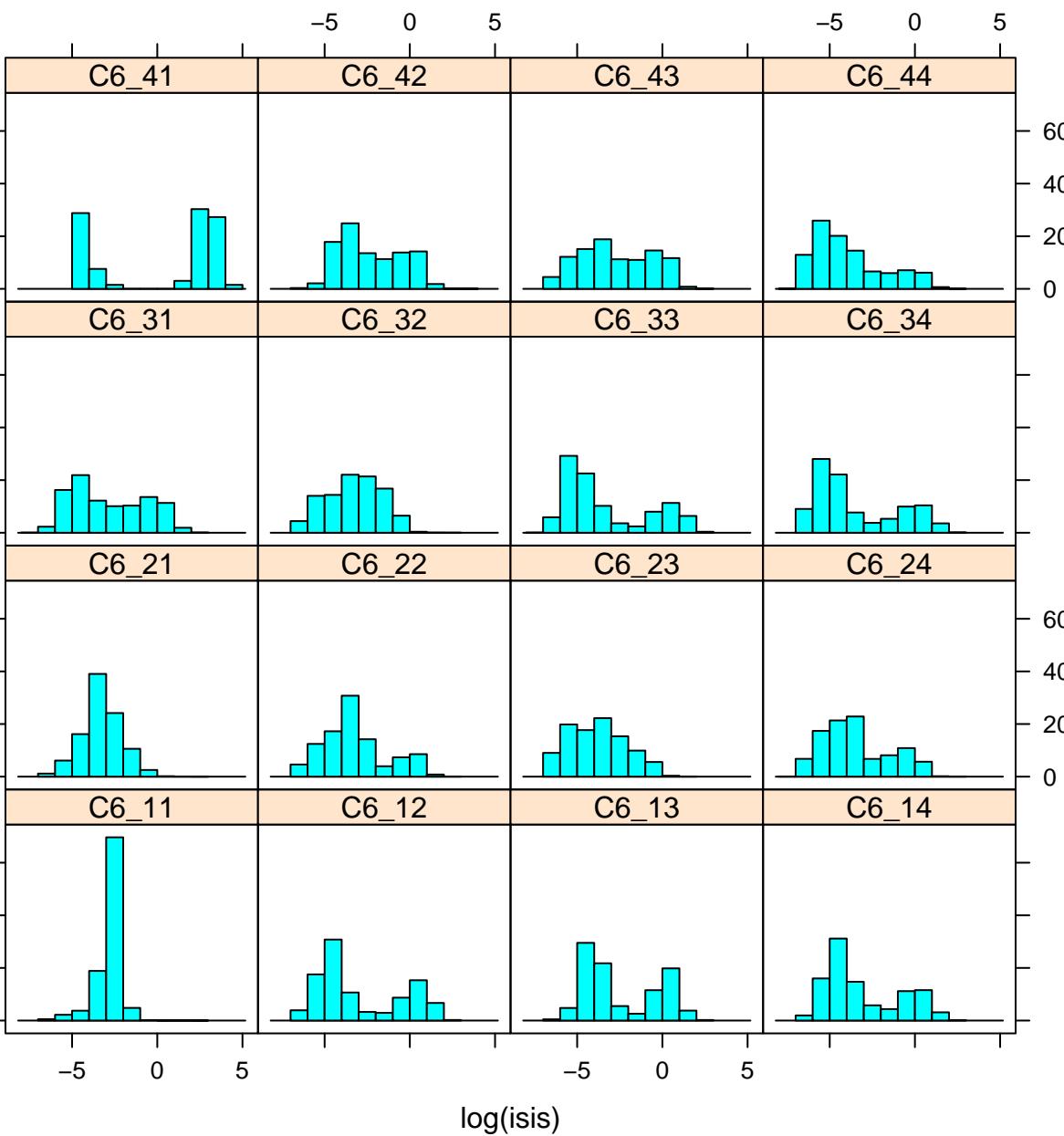


# ISIs histogram plot for C6

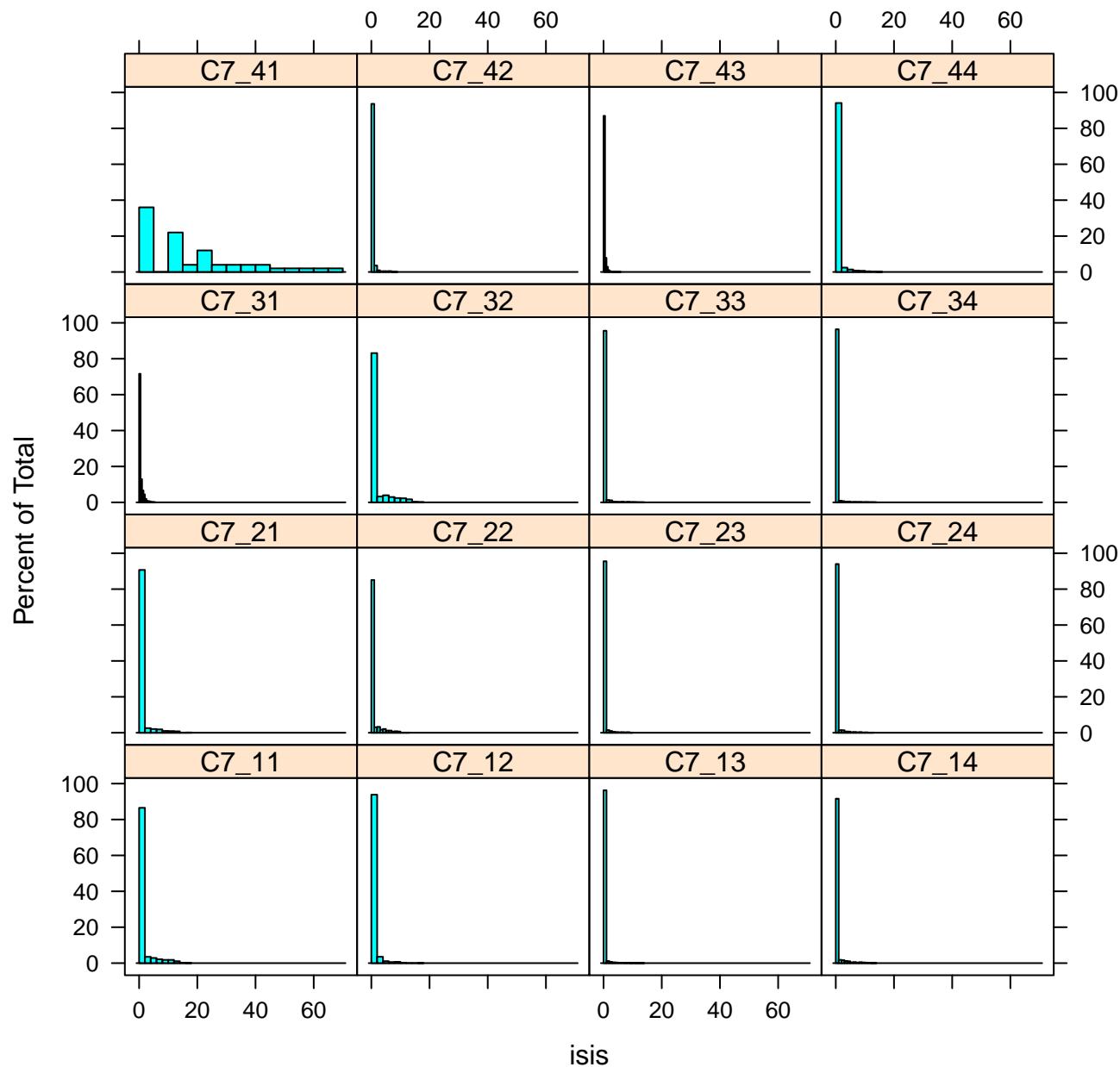


# log(ISIs) histogram plot for C6

Percent of Total

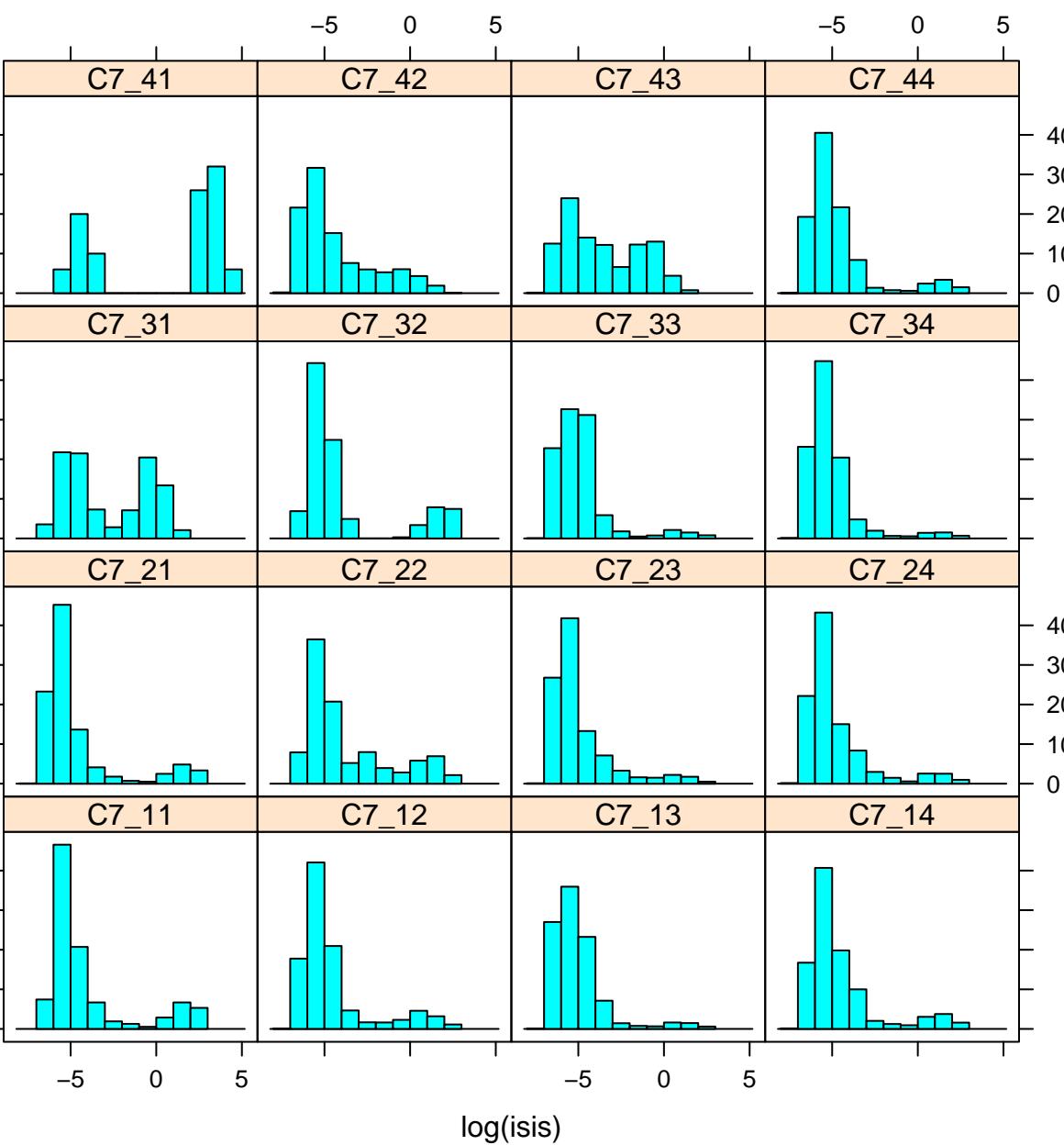


# ISIs histogram plot for C7

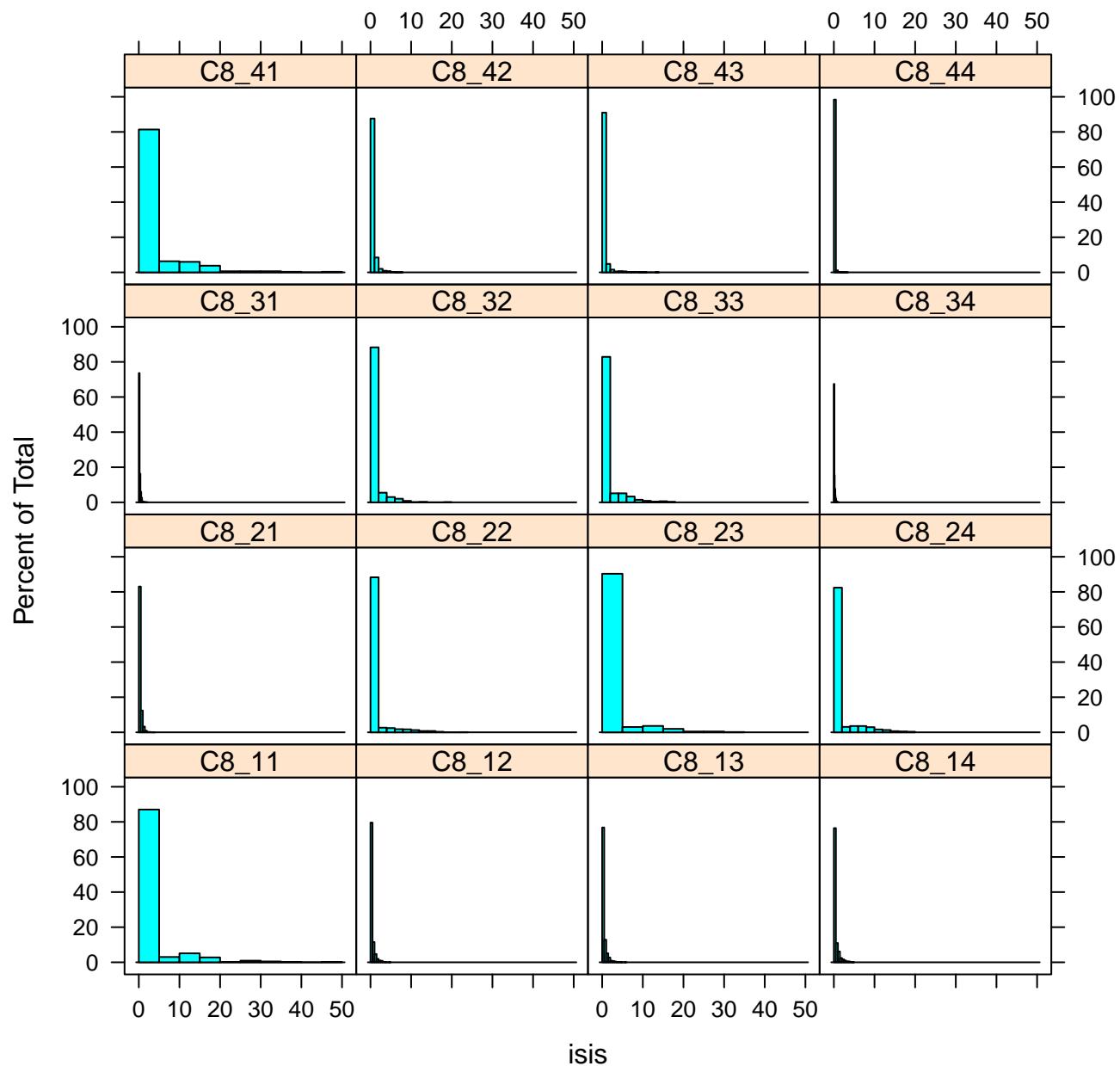


# log(ISIs) histogram plot for C7

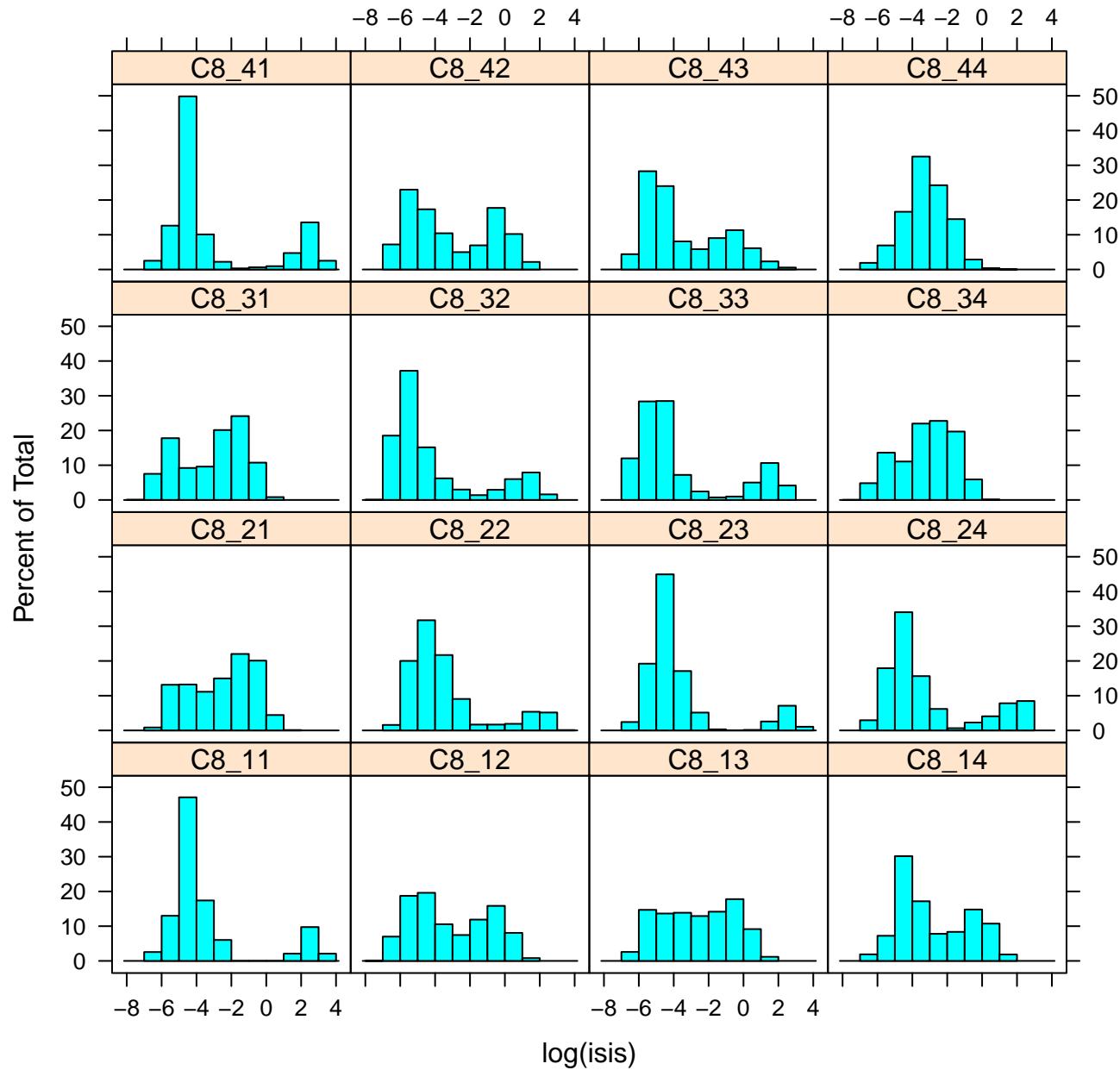
Percent of Total



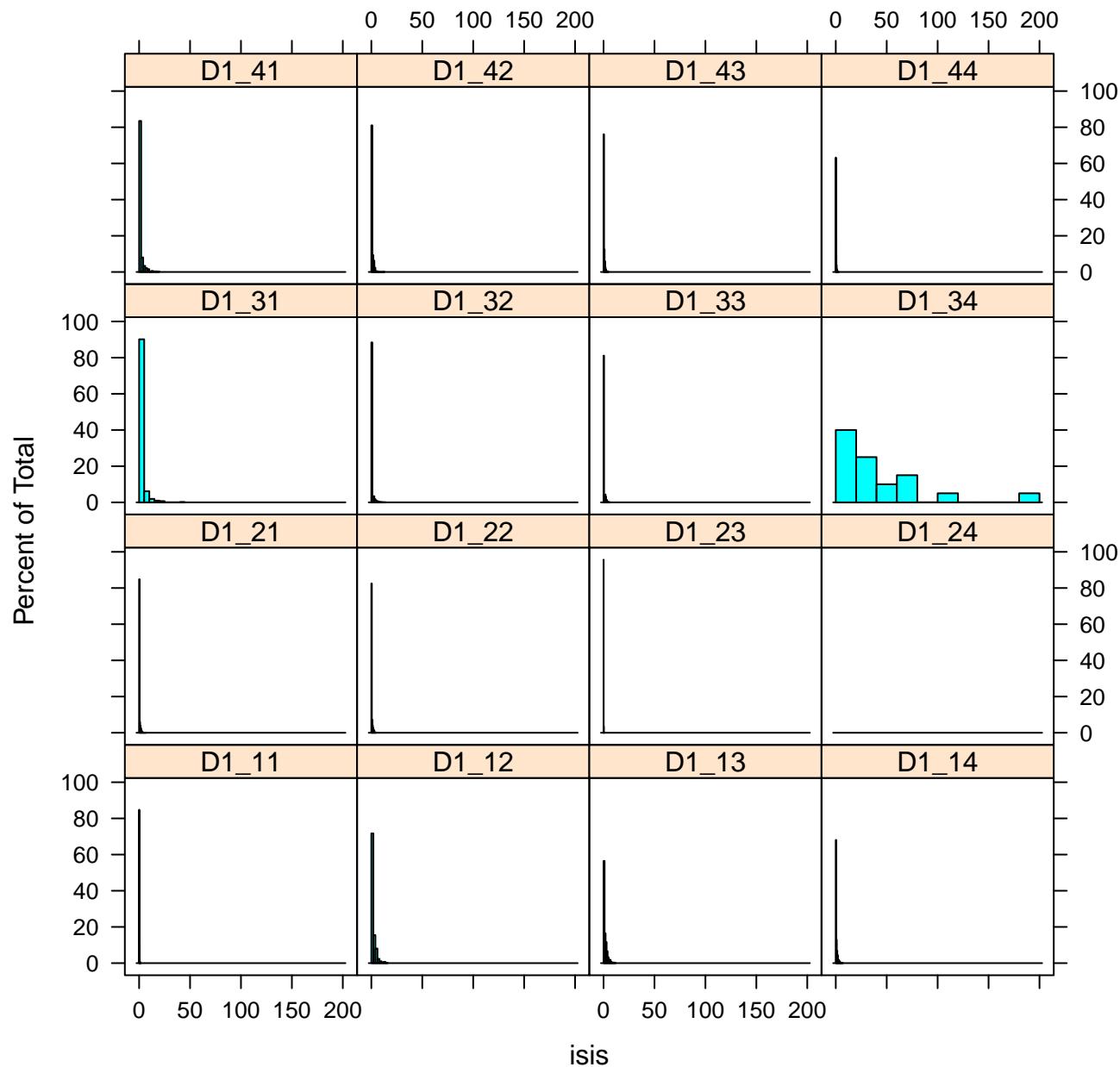
# ISIs histogram plot for C8



# log(ISIs) histogram plot for C8

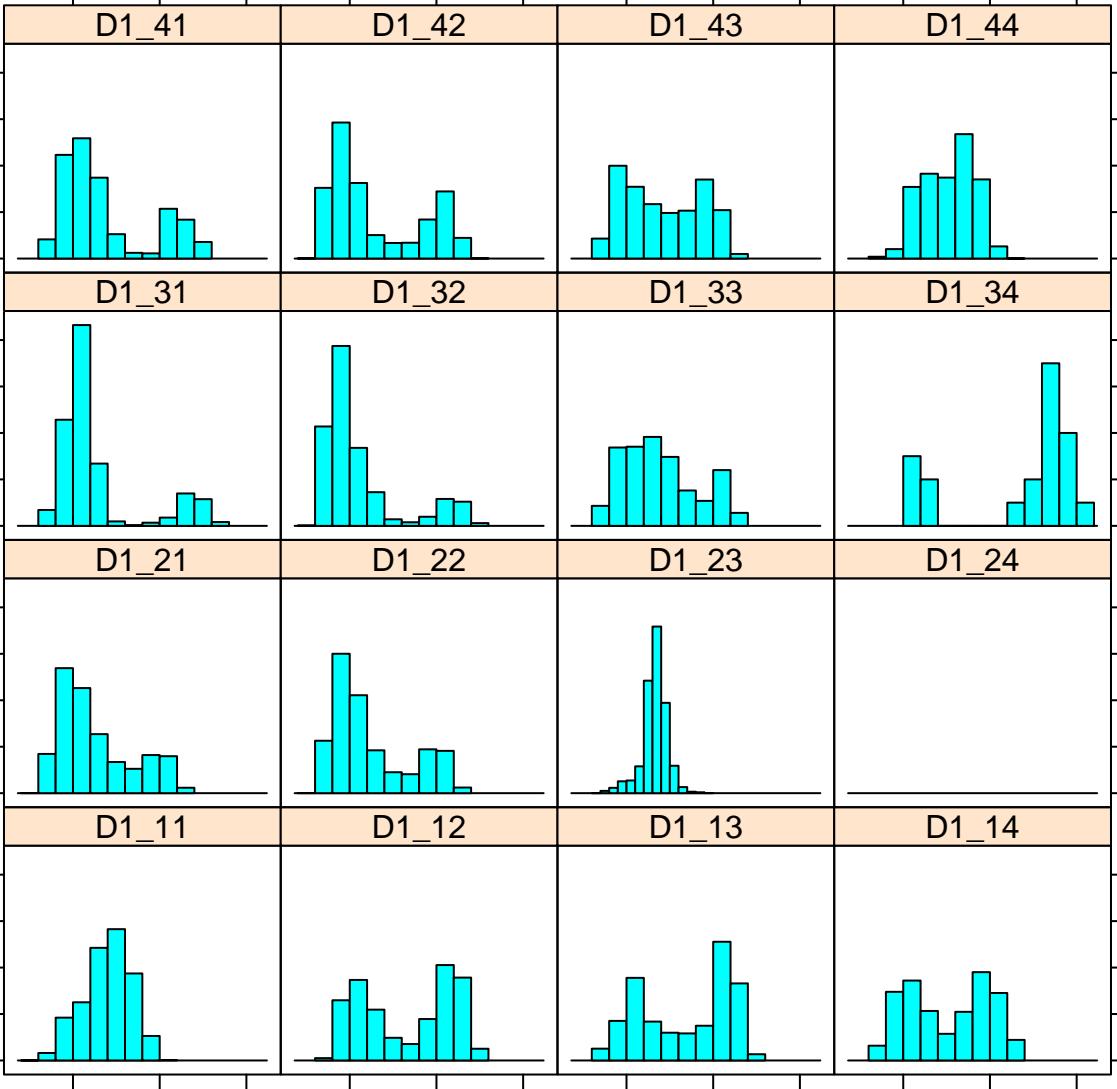


# ISIs histogram plot for D1



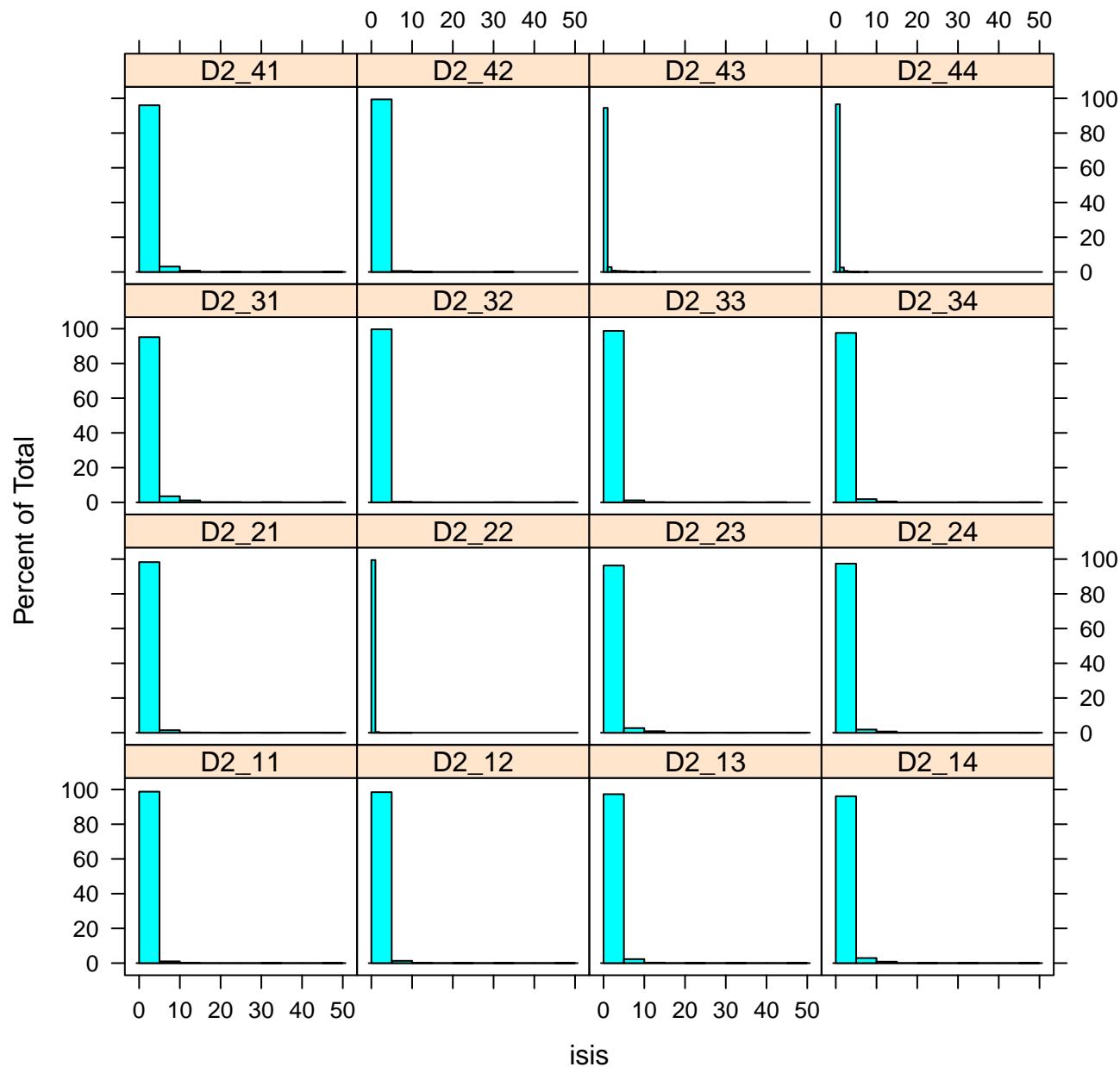
# log(ISIs) histogram plot for D1

Percent of Total

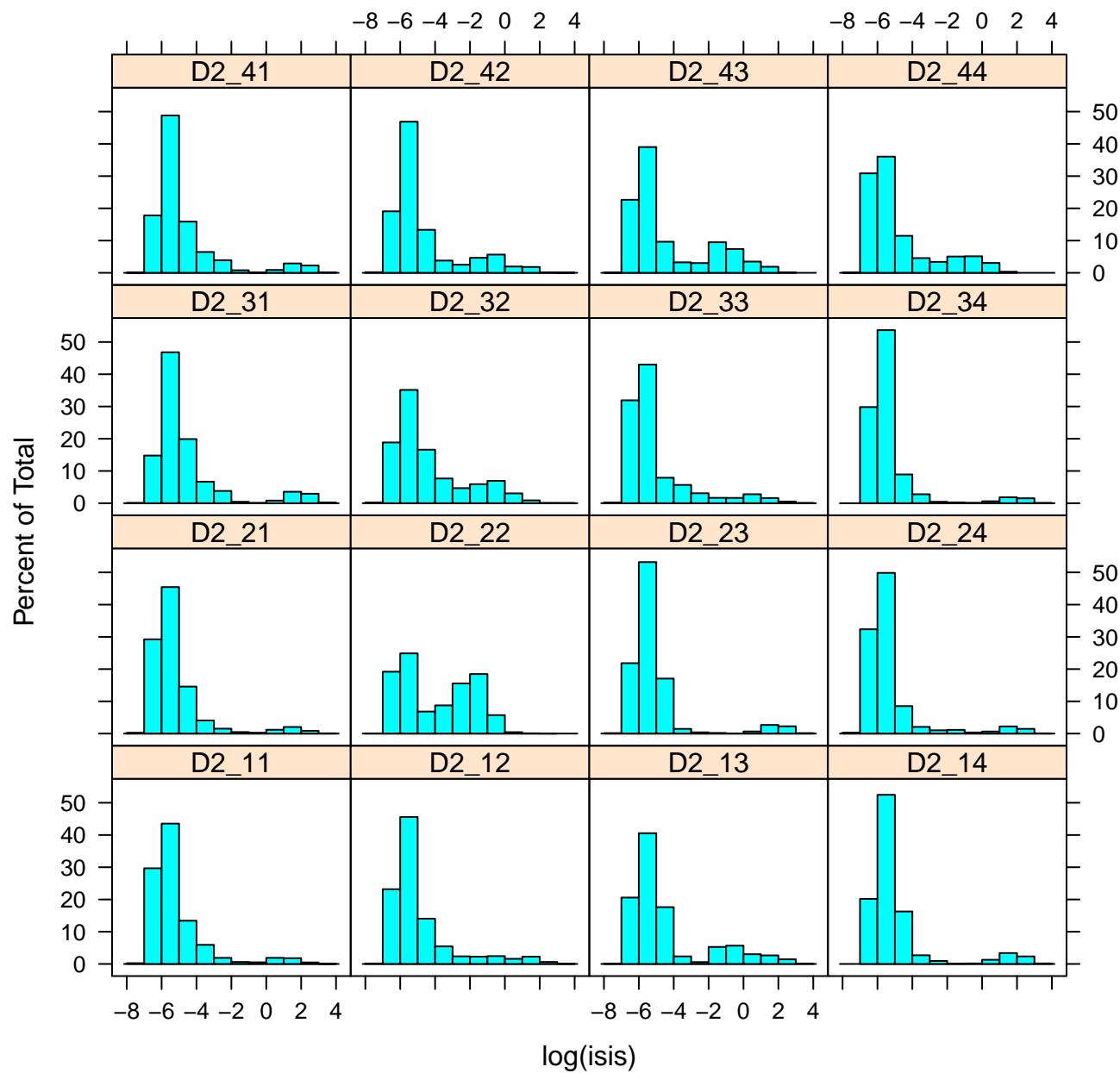


log(isis)

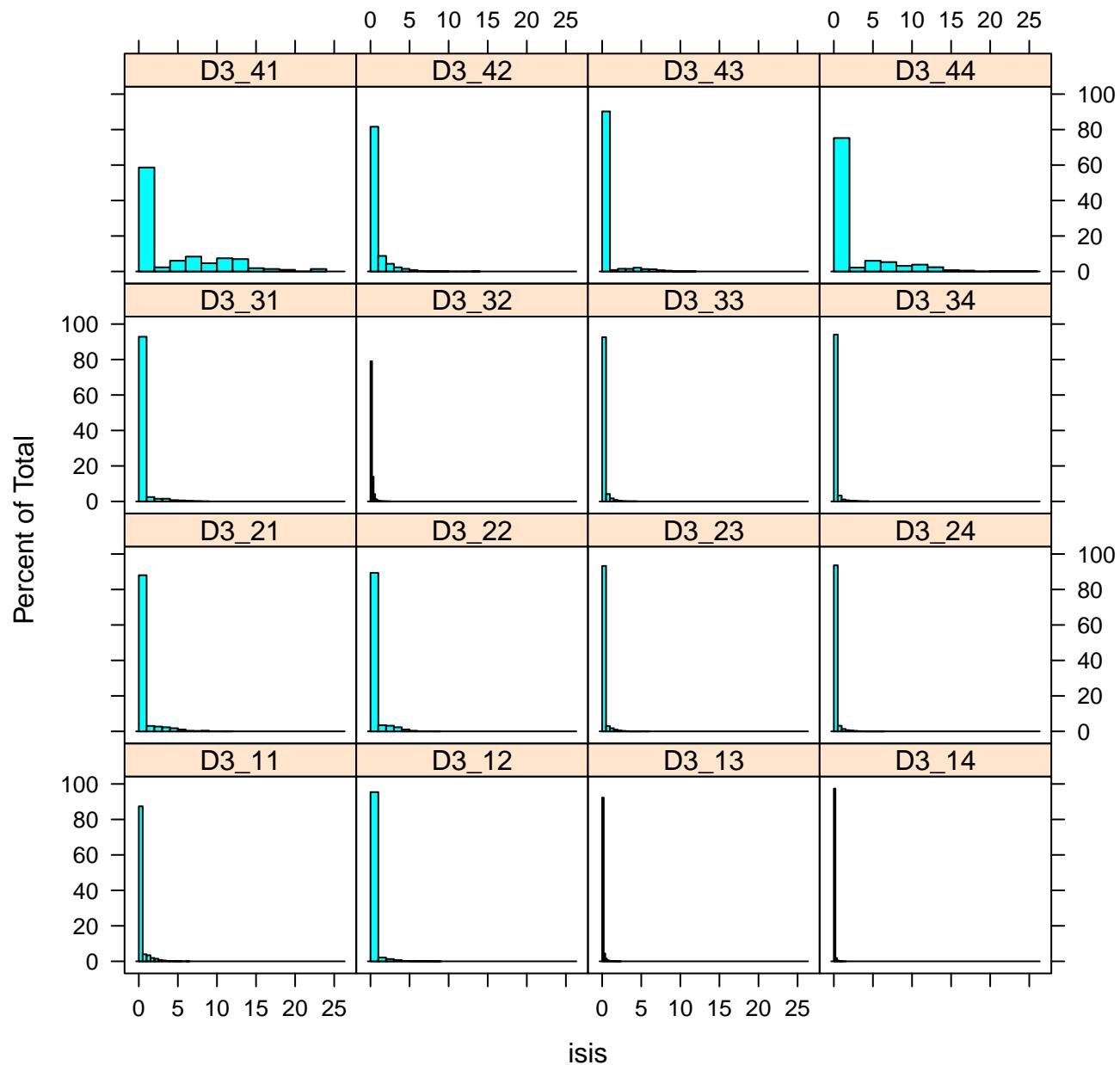
# ISIs histogram plot for D2



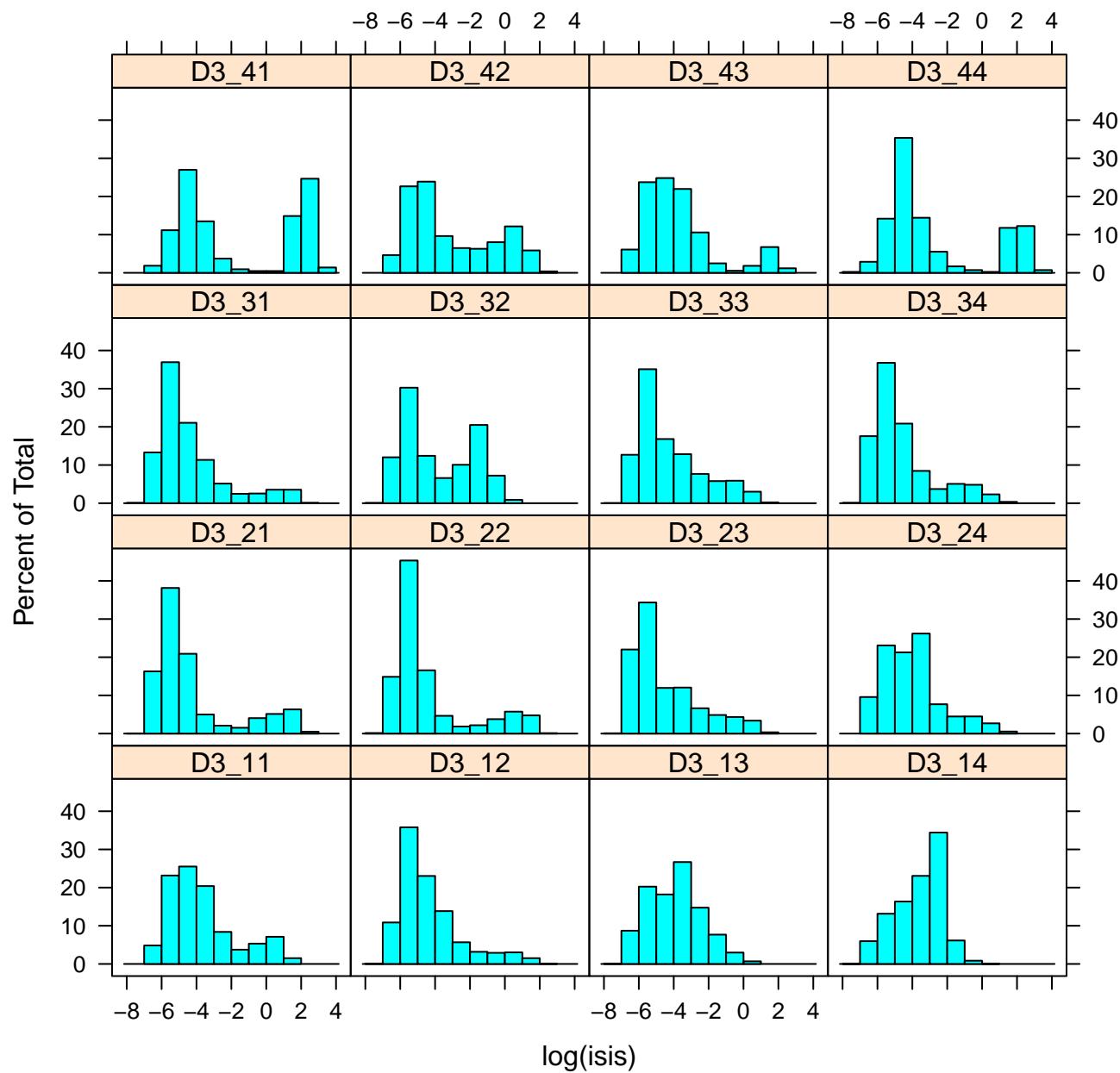
# log(ISIs) histogram plot for D2



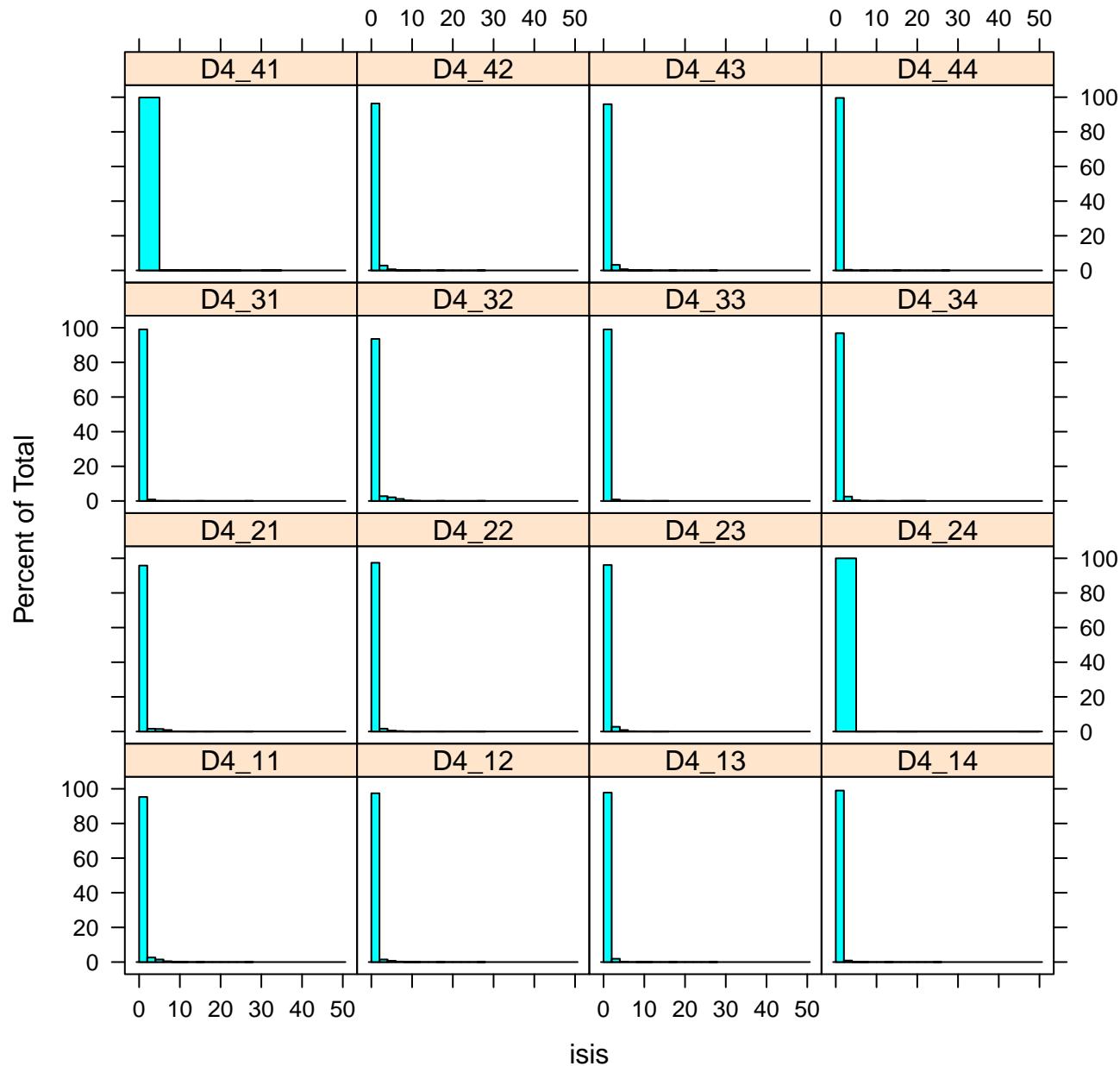
# ISIs histogram plot for D3



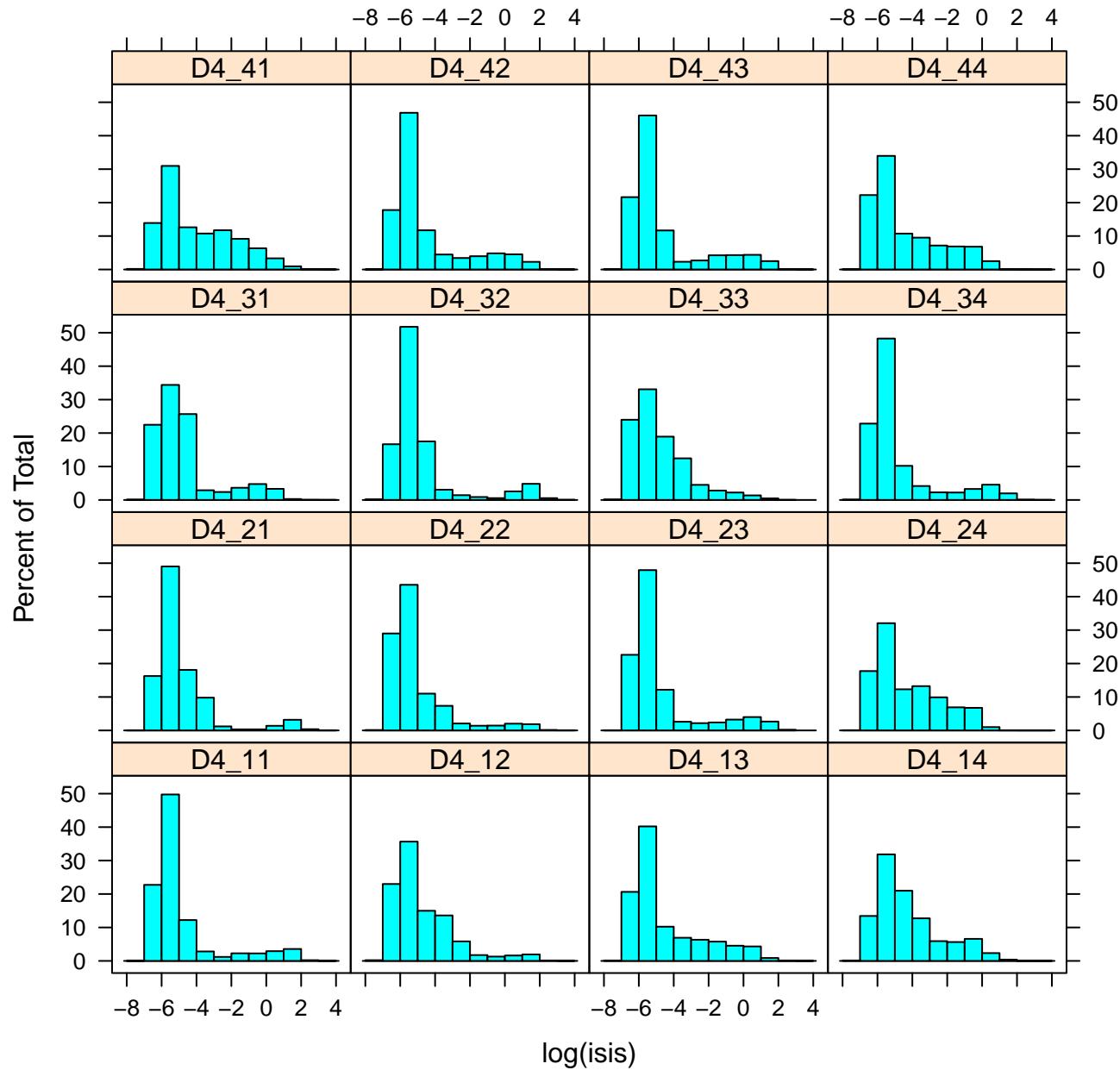
# log(ISIs) histogram plot for D3



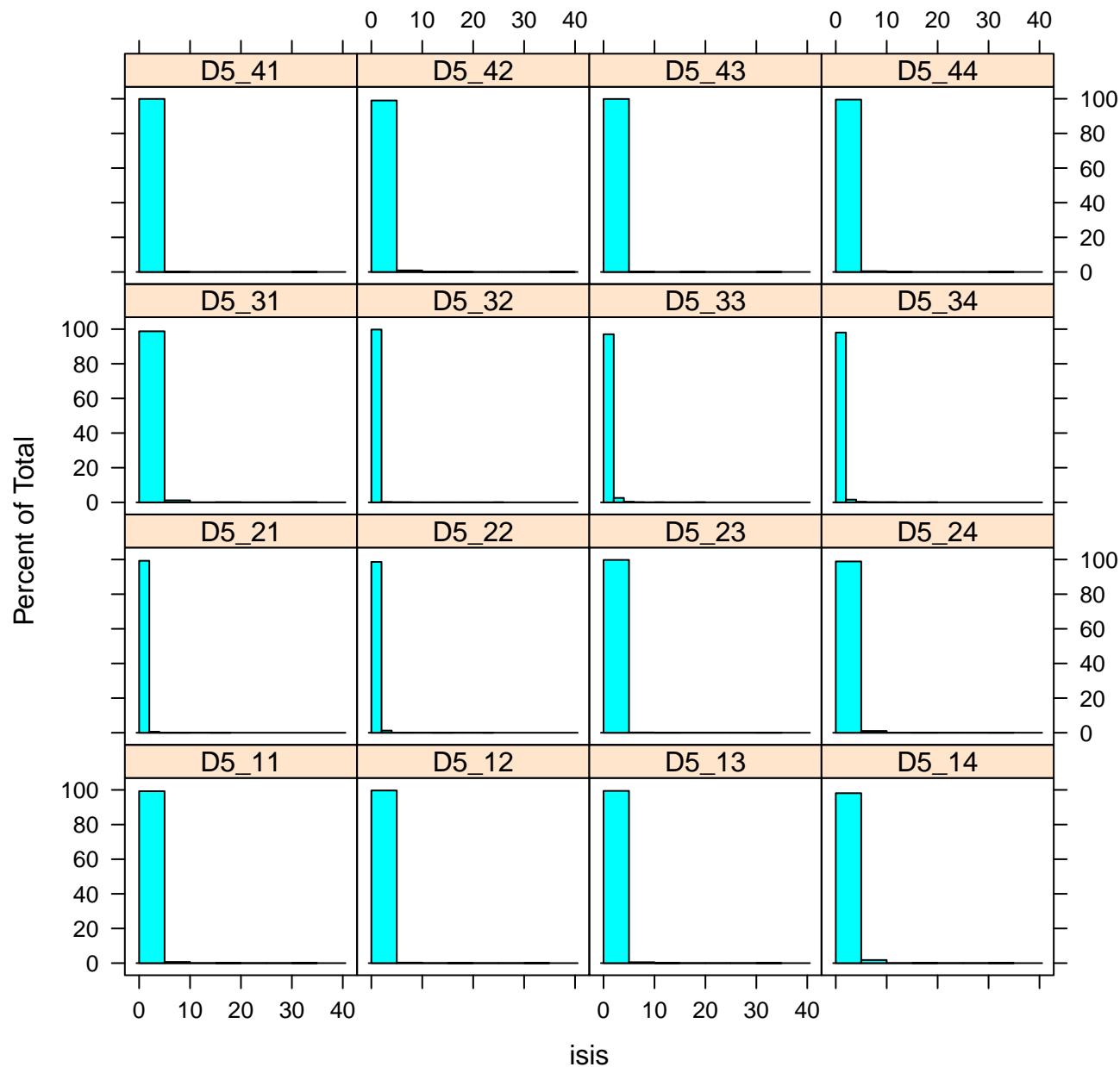
## ISIs histogram plot for D4



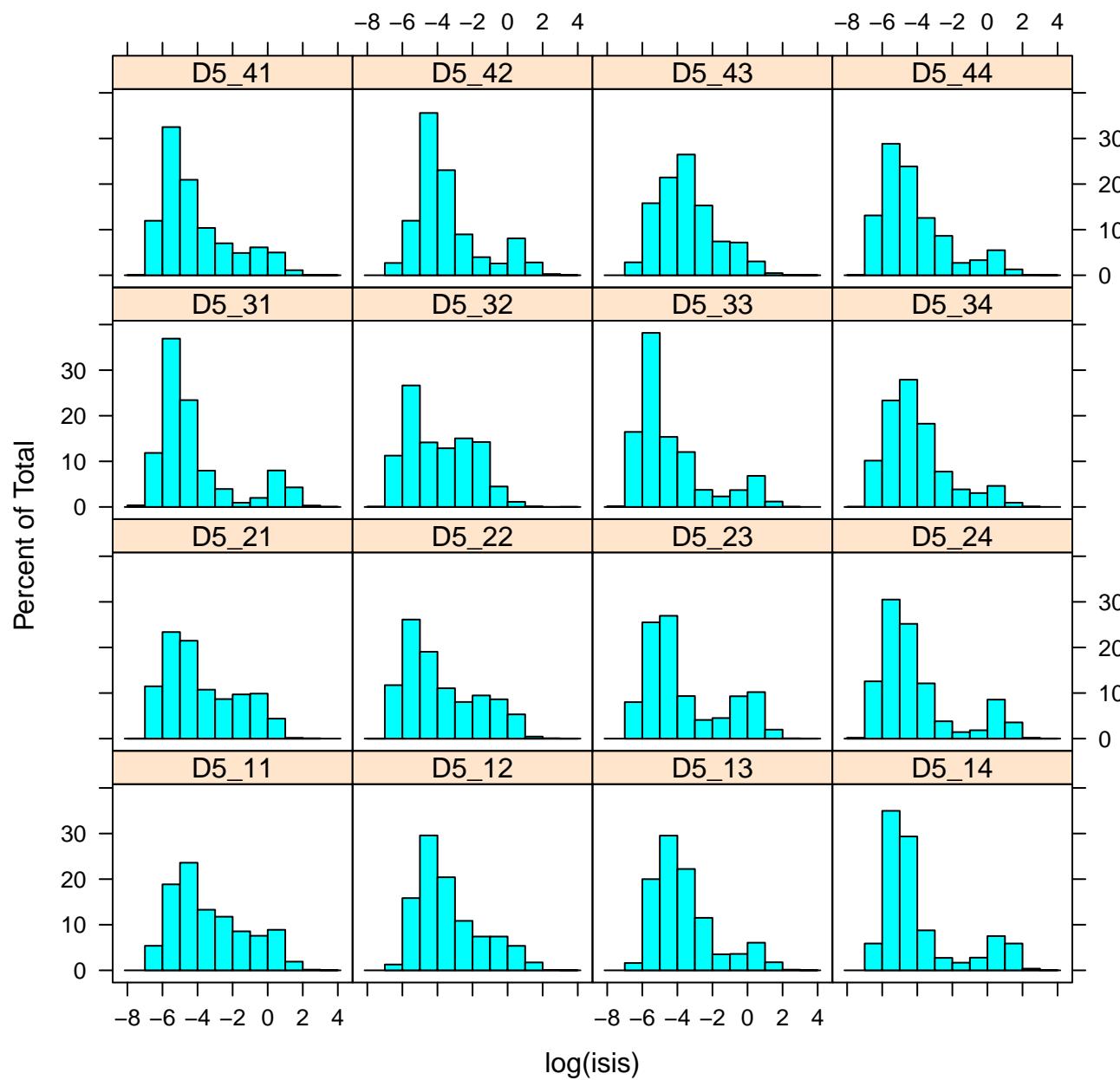
# log(ISIs) histogram plot for D4



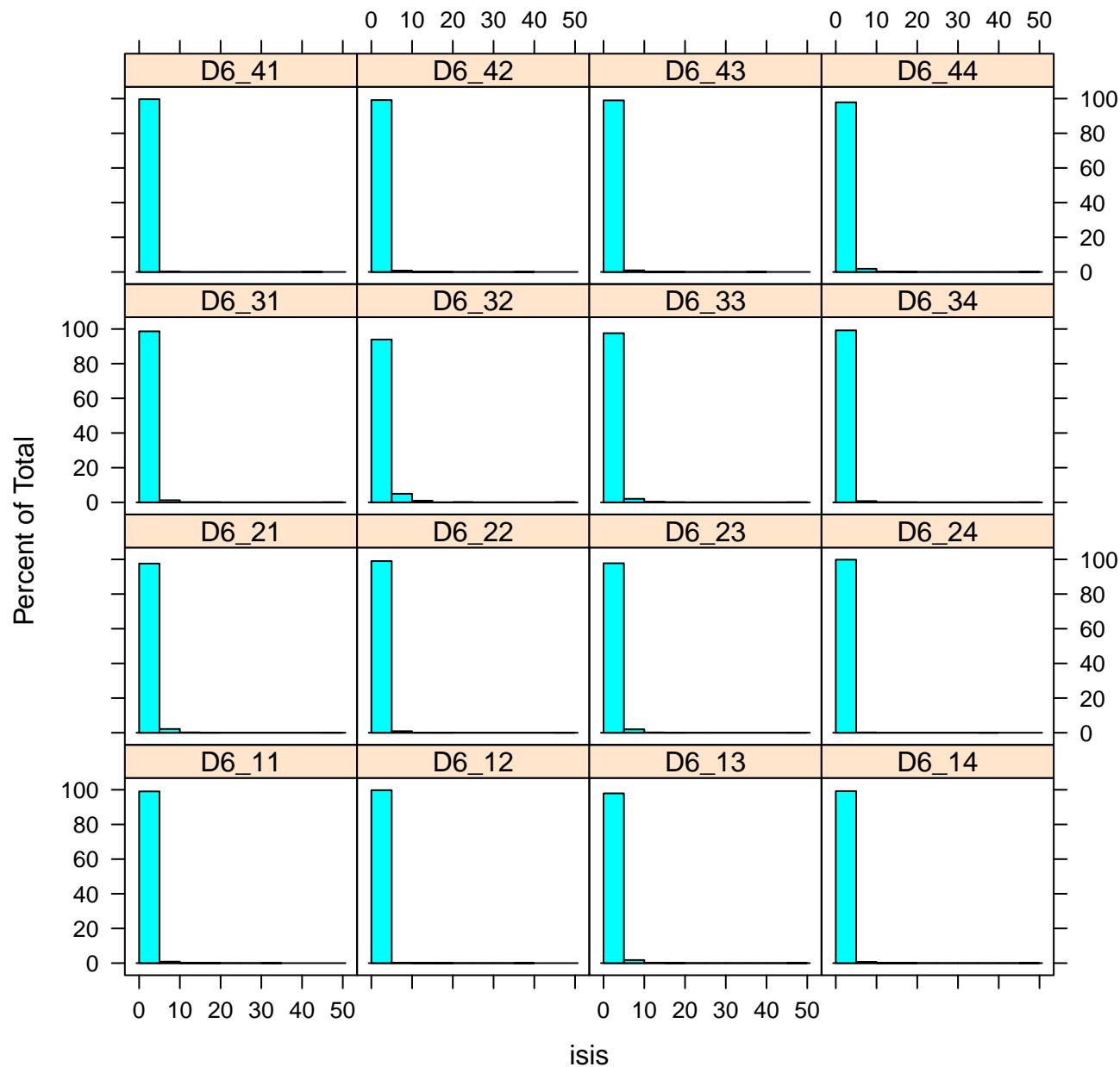
# ISIs histogram plot for D5



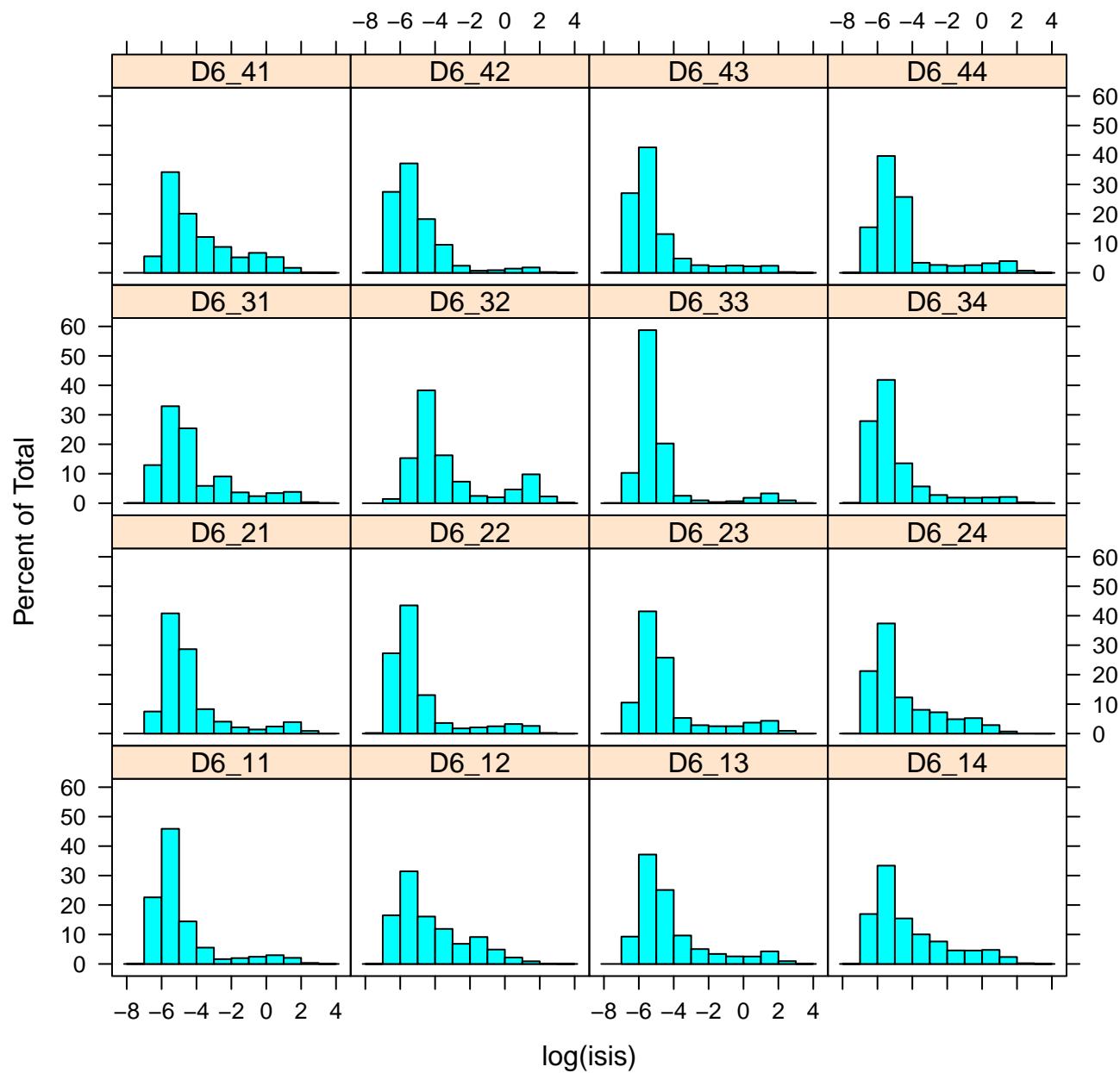
# log(ISIs) histogram plot for D5



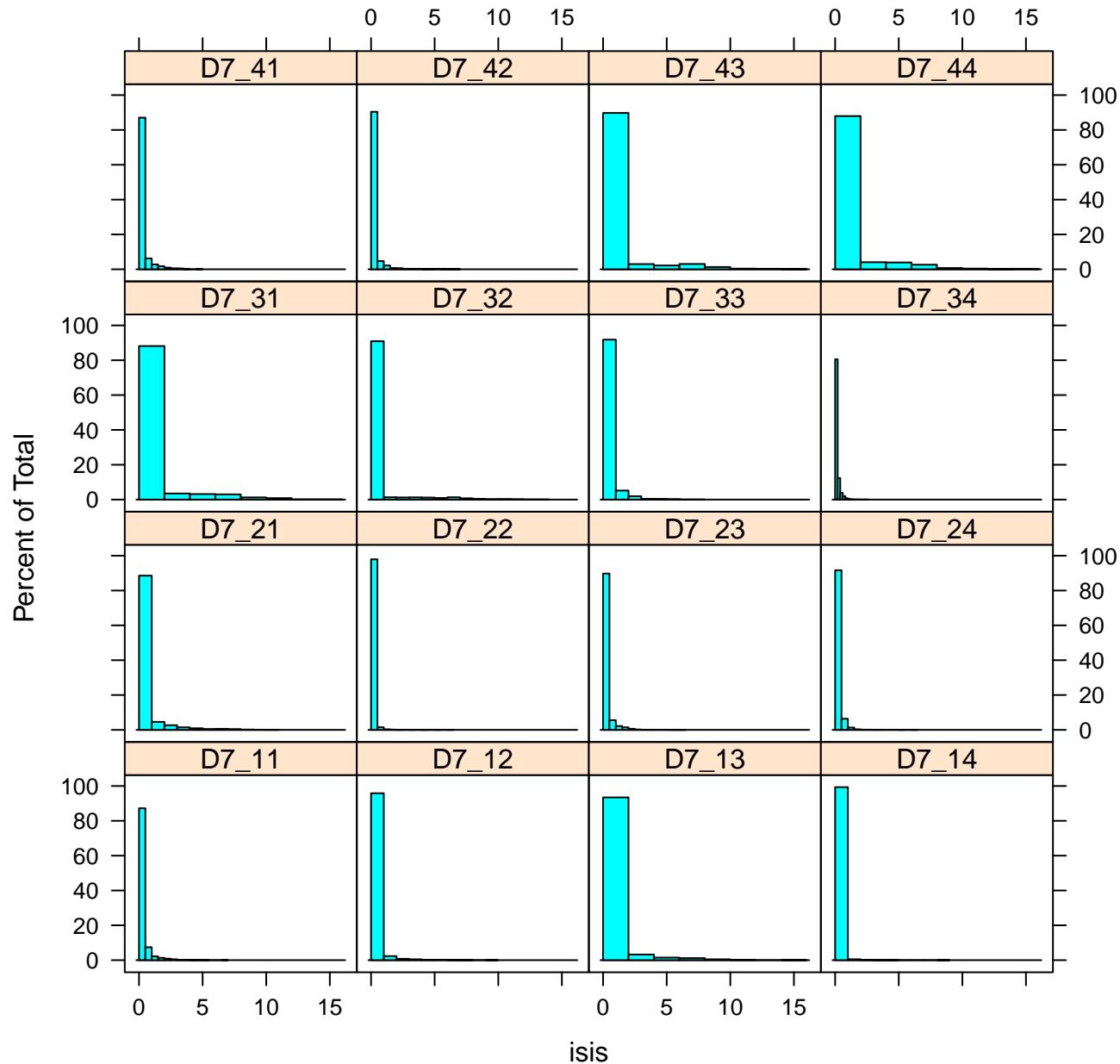
# ISIs histogram plot for D6



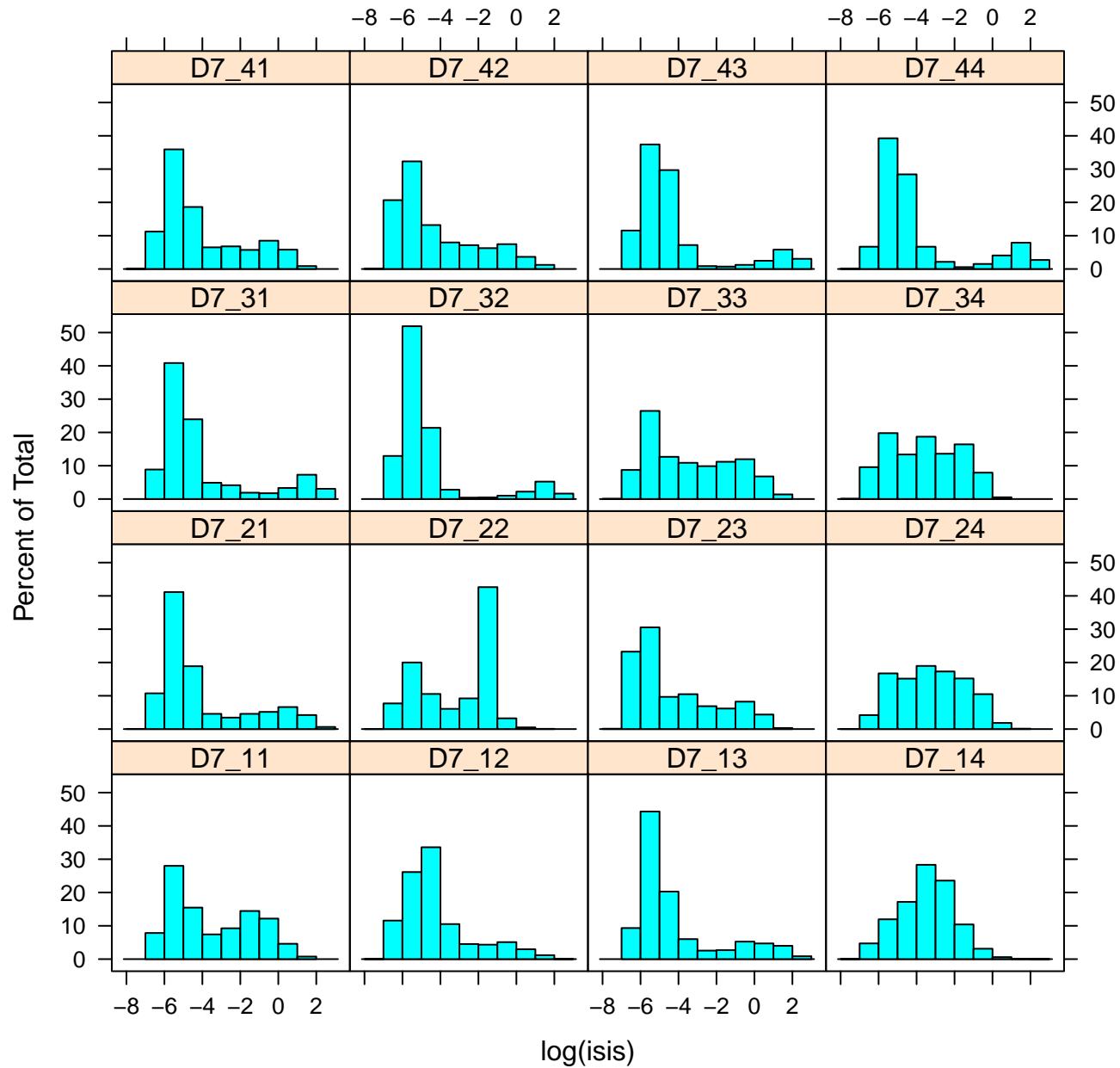
# log(ISIs) histogram plot for D6



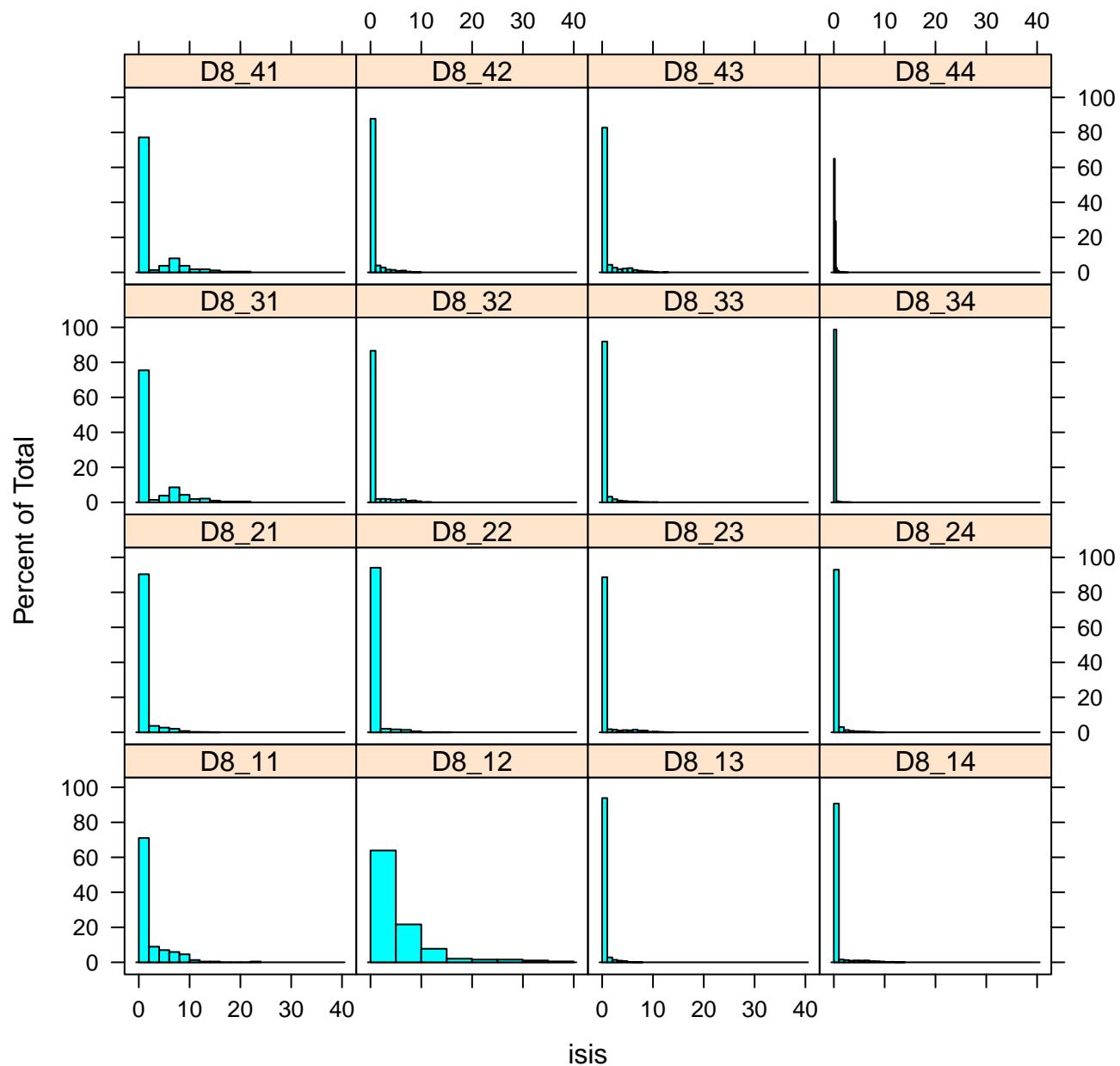
# ISIs histogram plot for D7



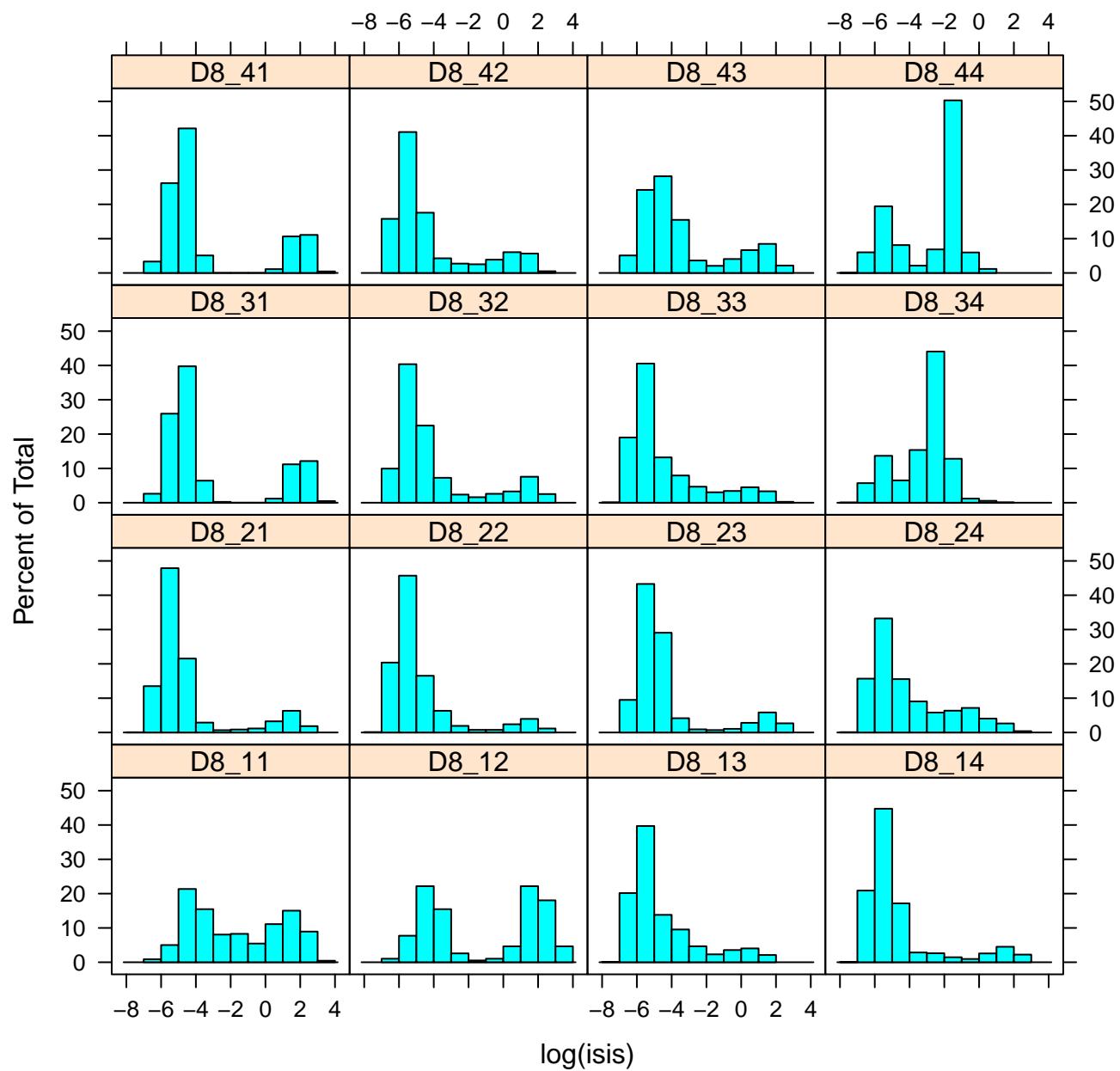
# log(ISIs) histogram plot for D7



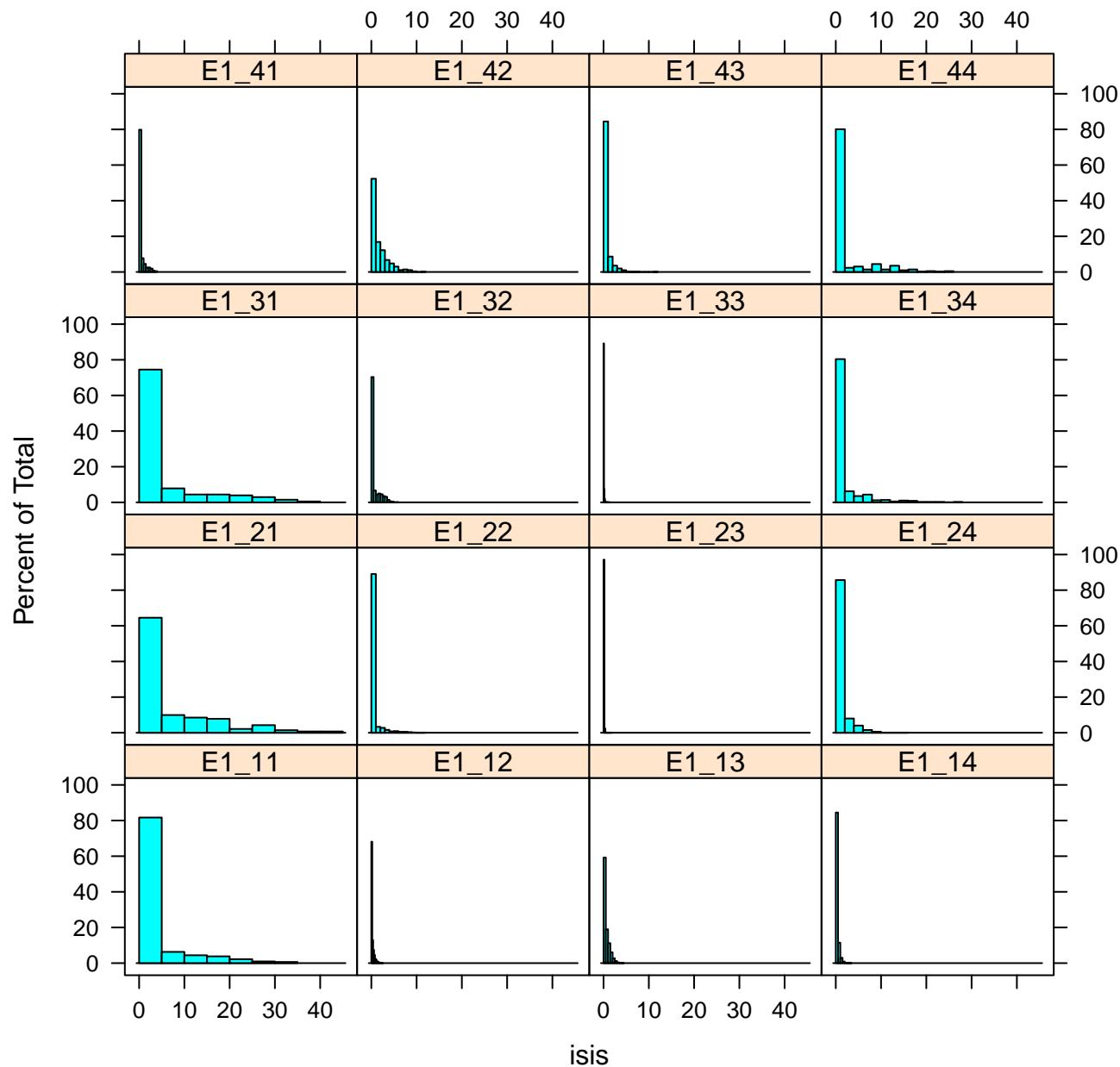
# ISIs histogram plot for D8



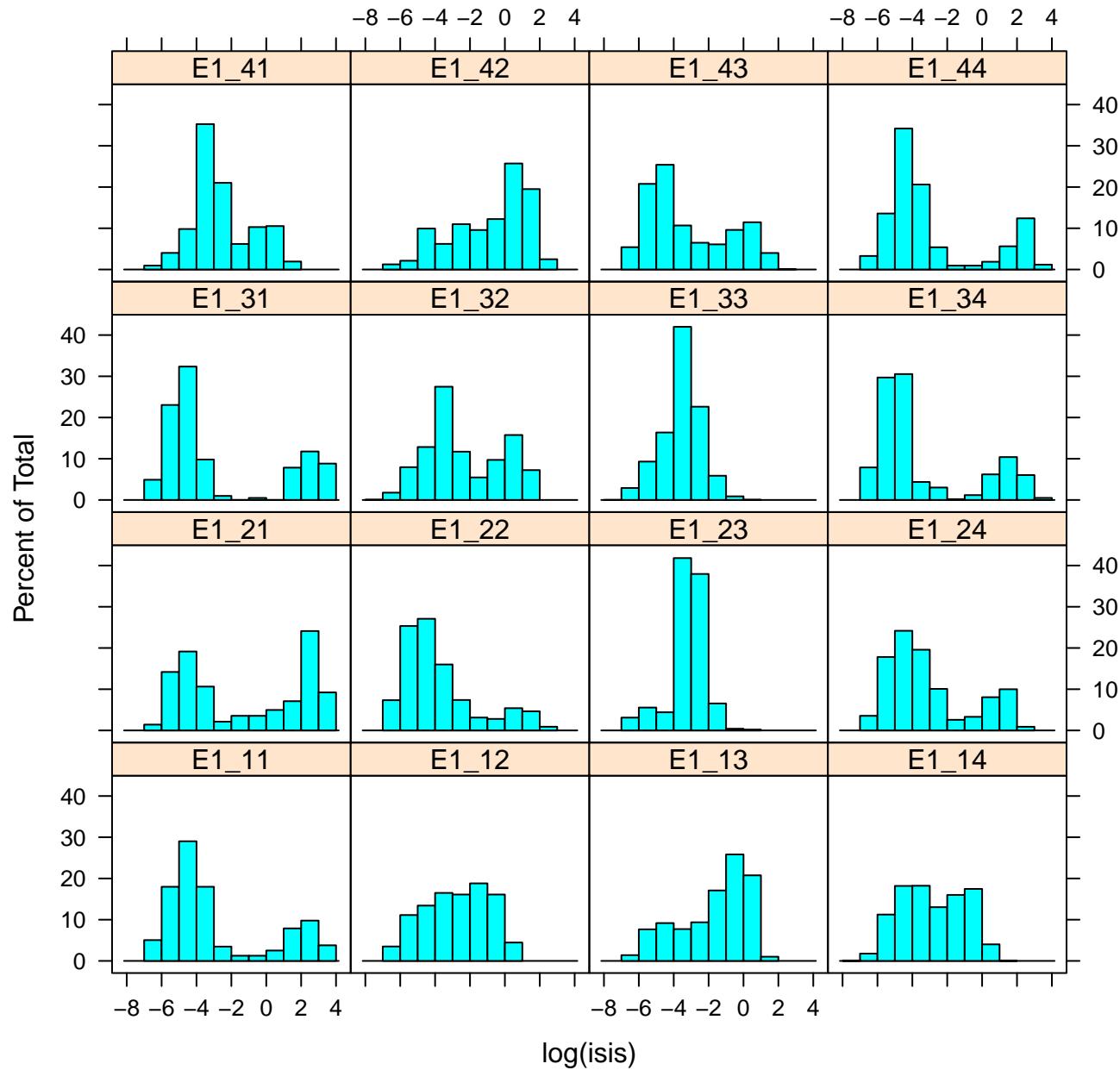
# log(ISIs) histogram plot for D8



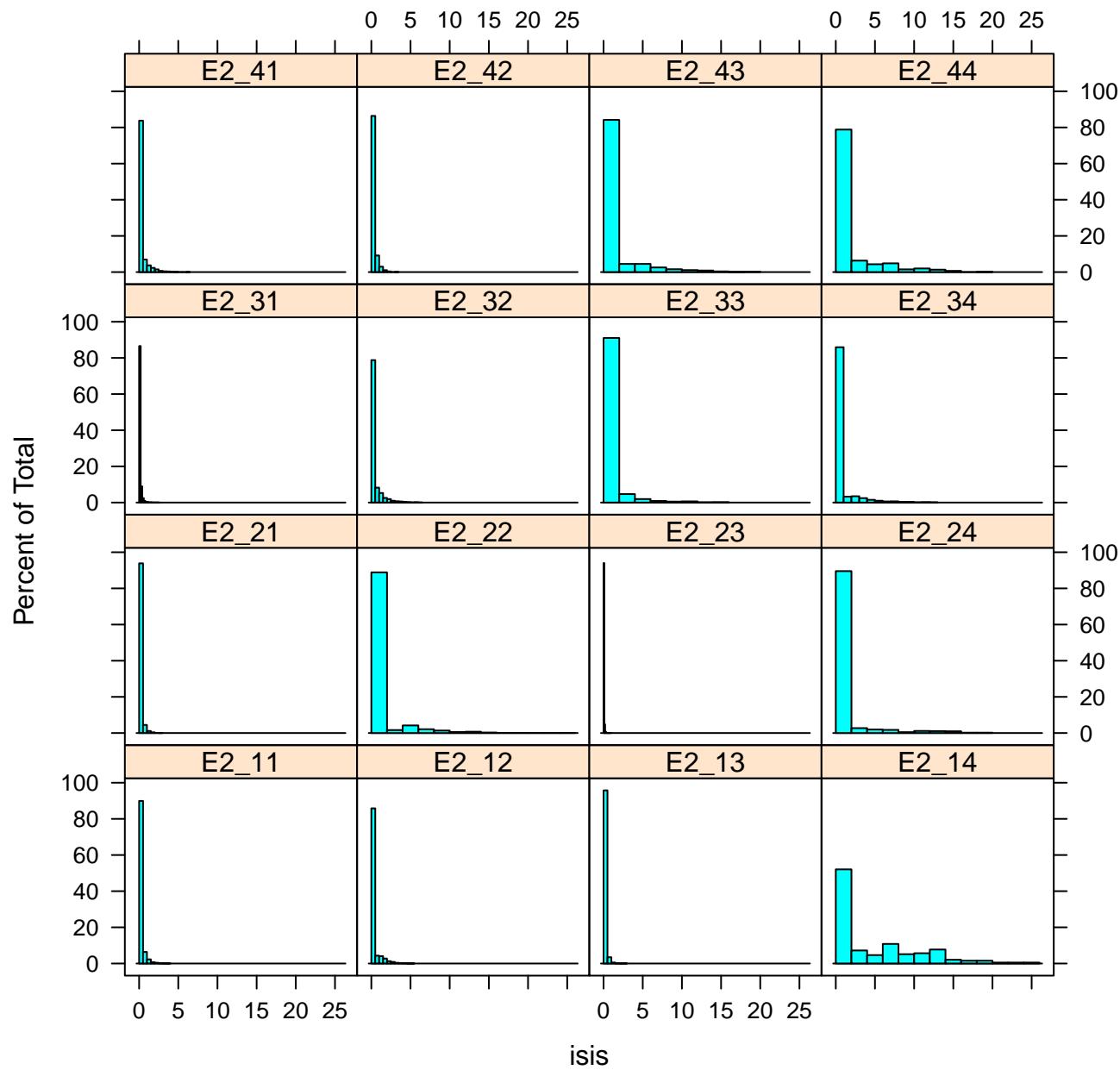
# ISIs histogram plot for E1



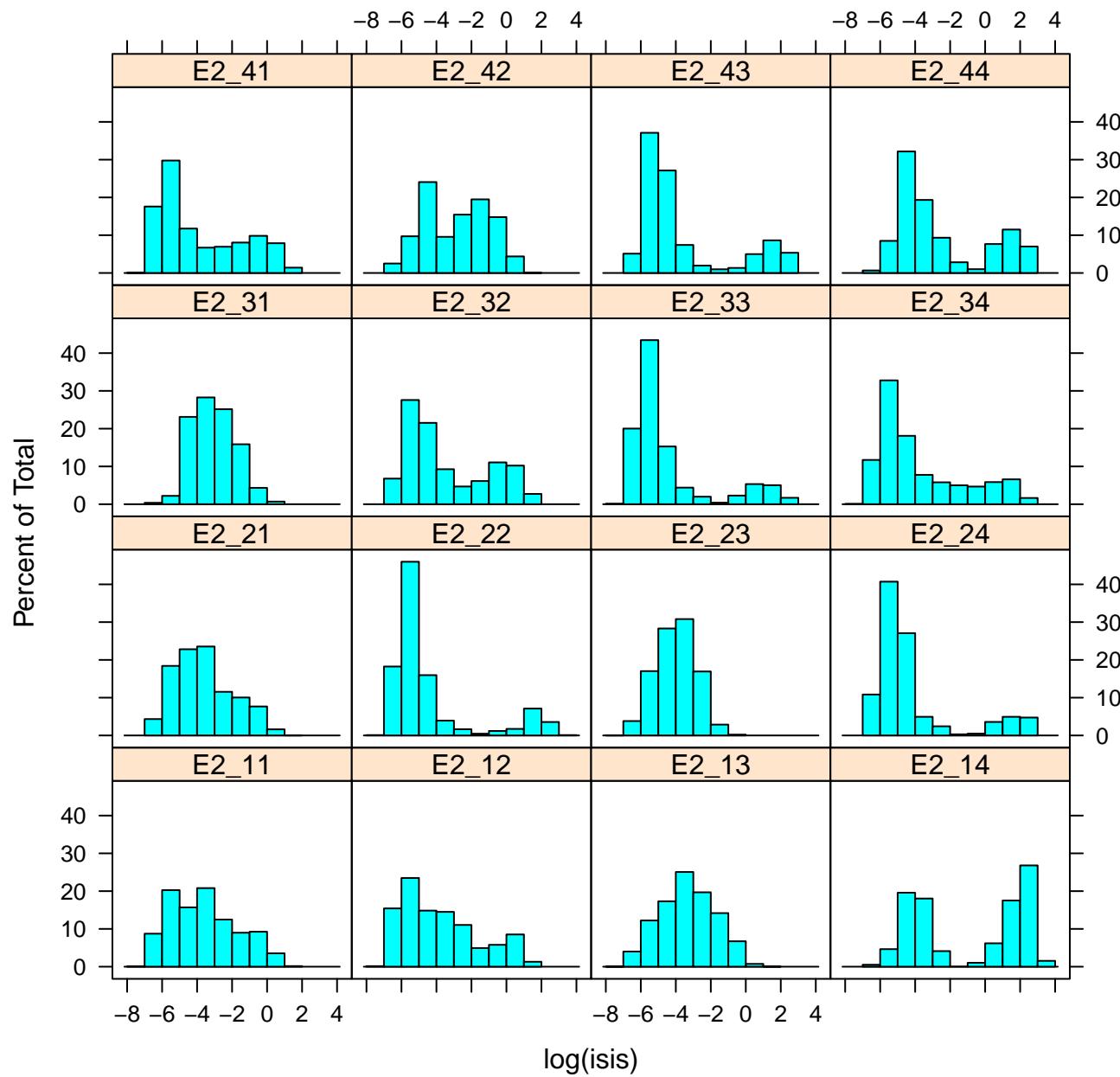
# log(ISIs) histogram plot for E1



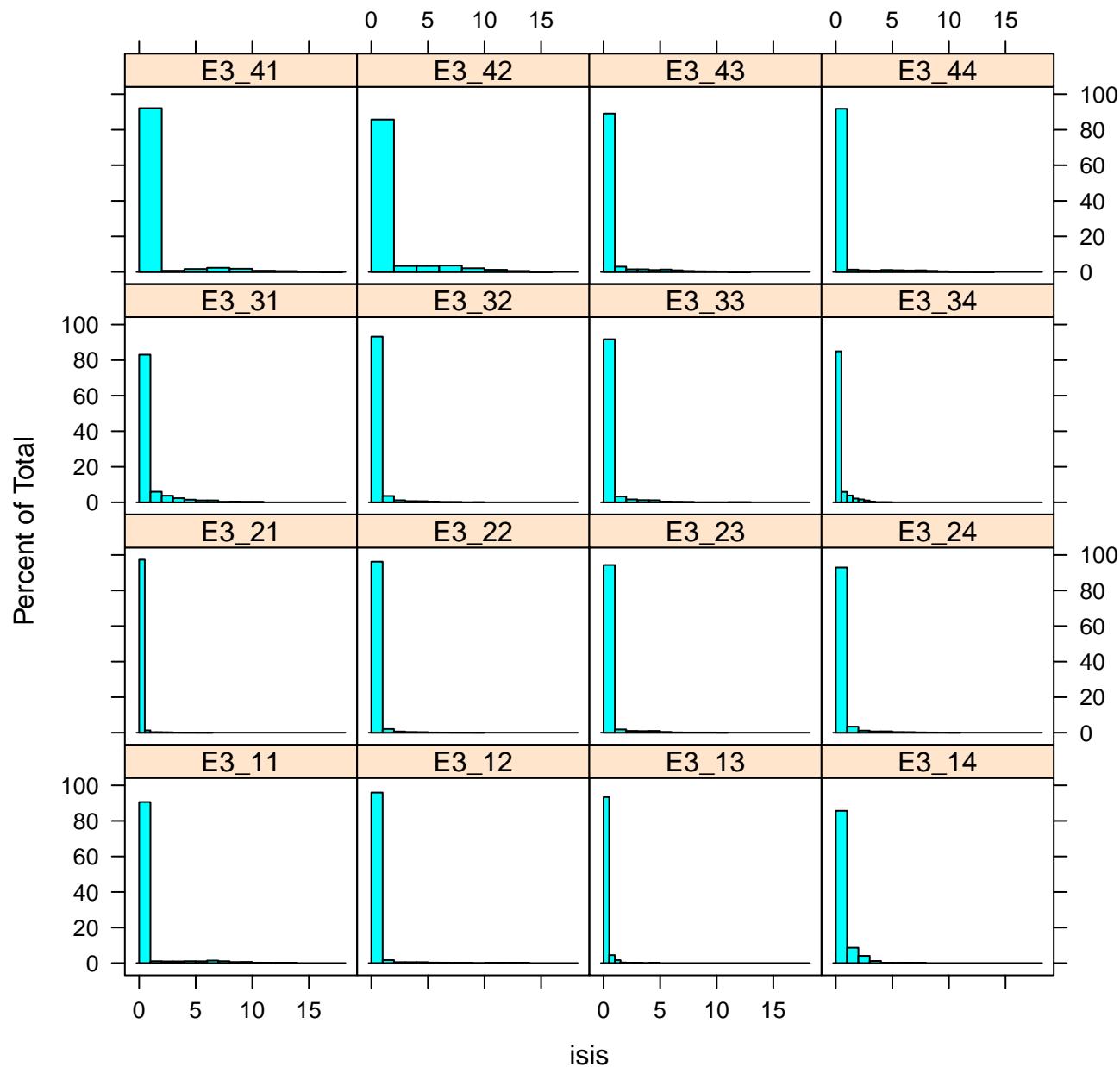
# ISIs histogram plot for E2



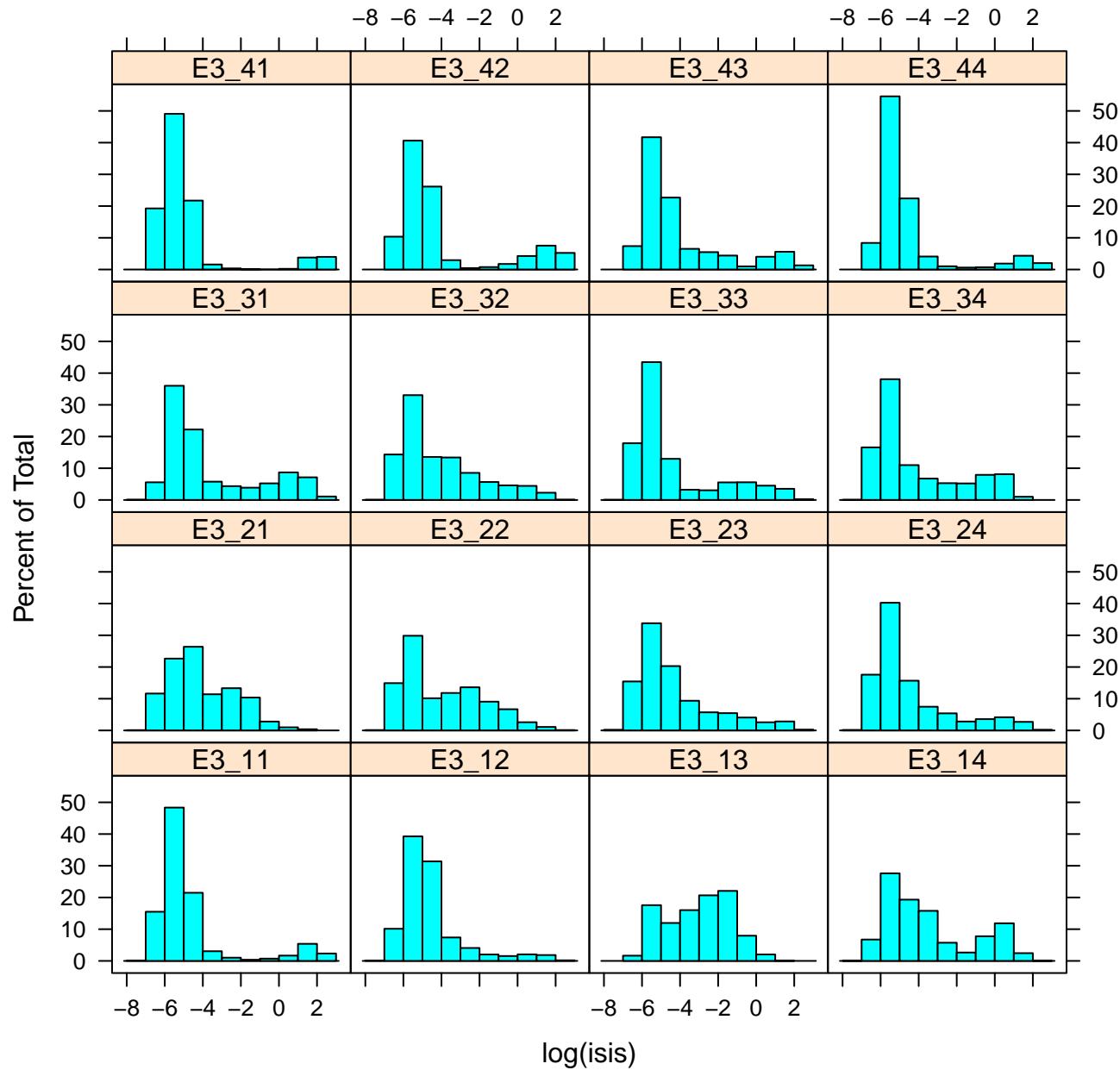
## **log(ISIs) histogram plot for E2**



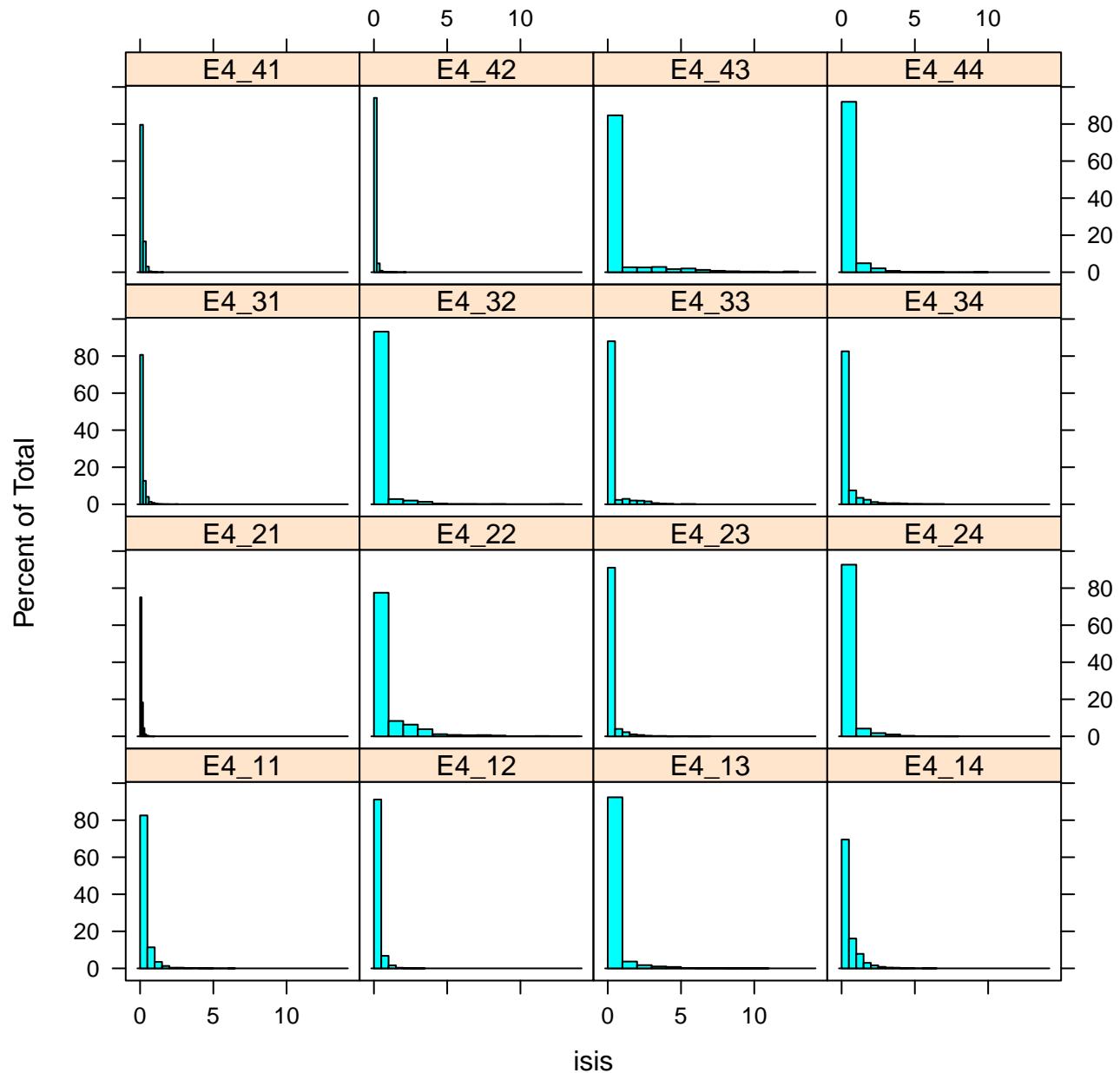
# ISIs histogram plot for E3



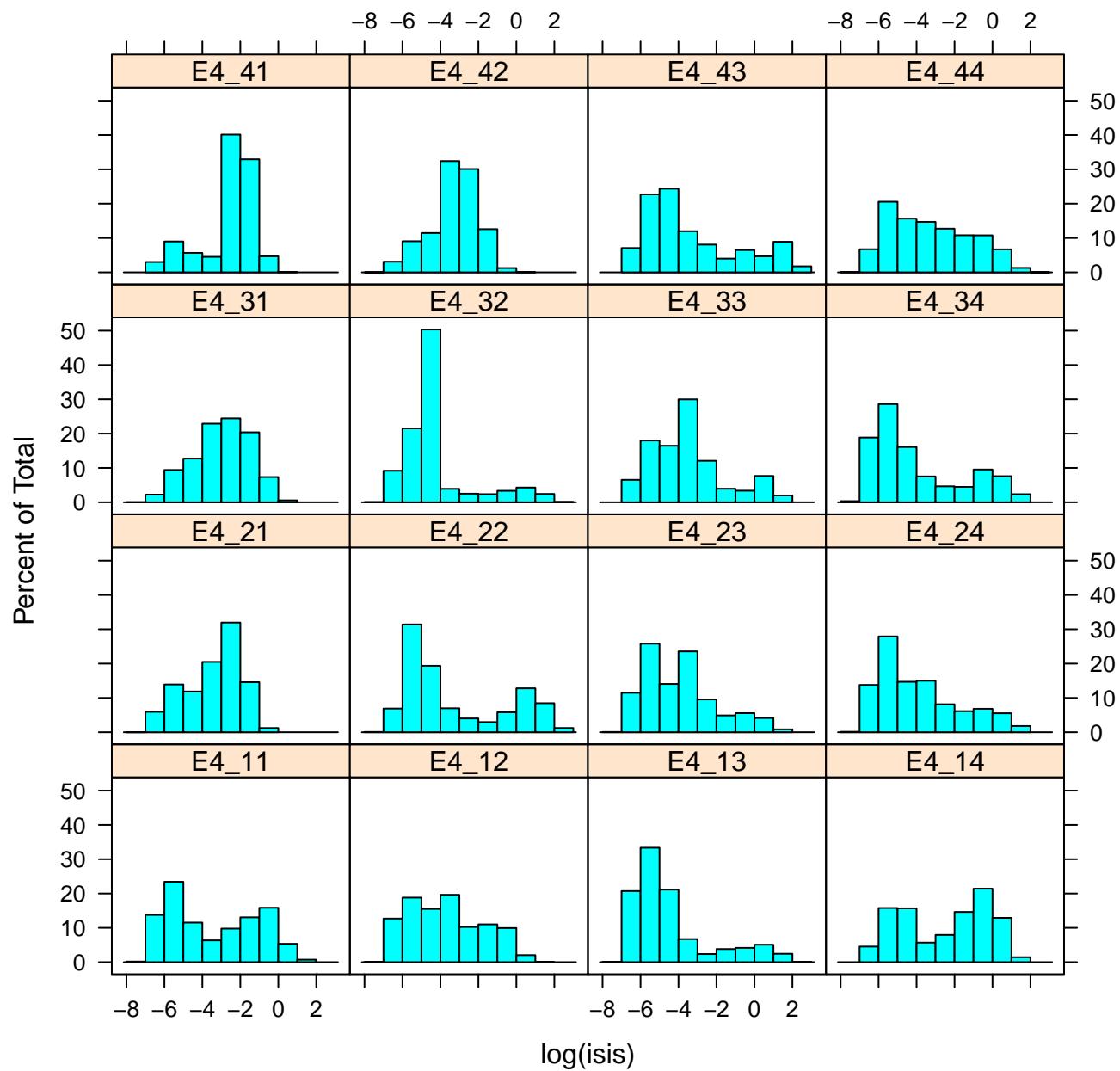
# log(ISIs) histogram plot for E3



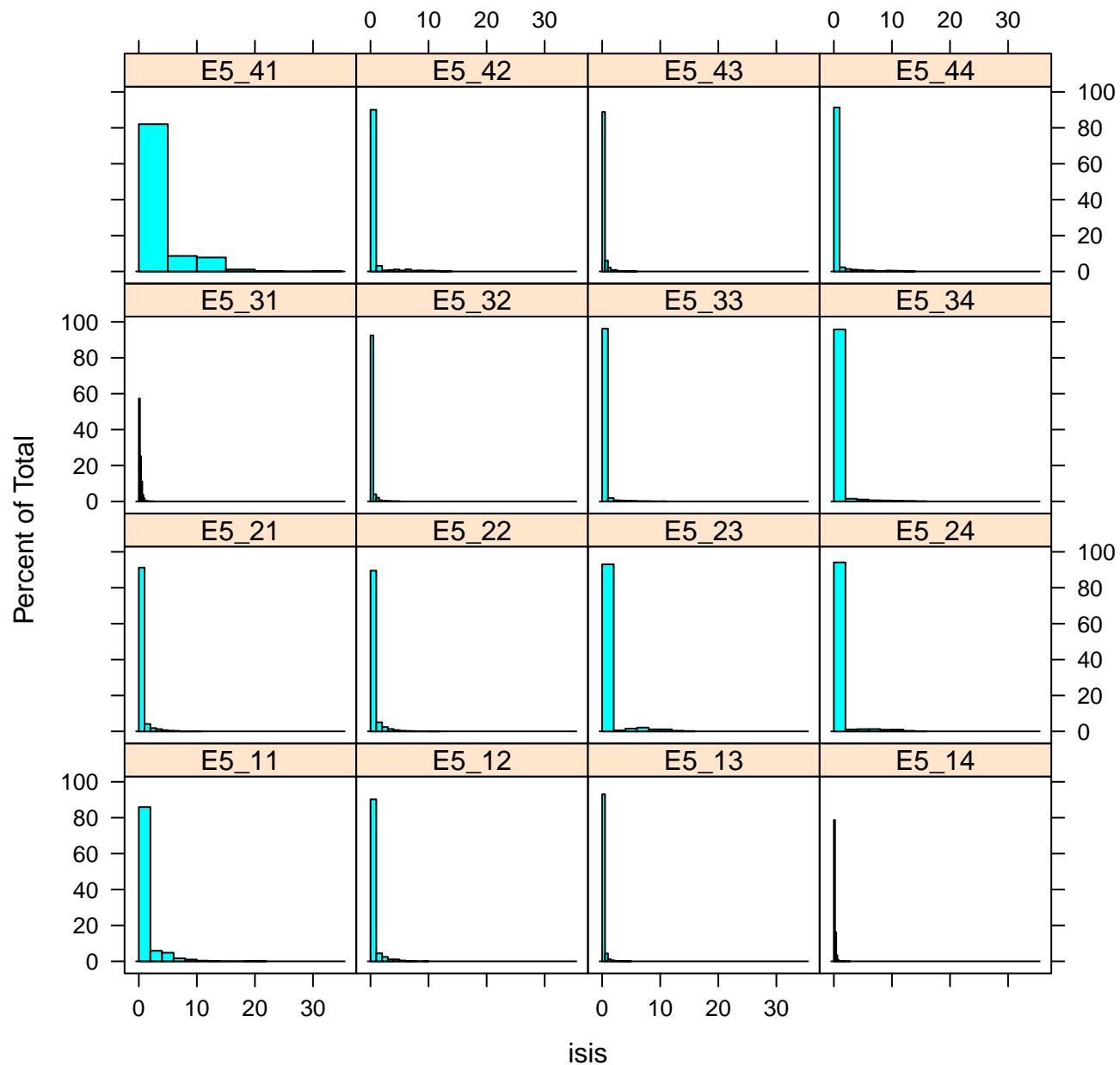
# ISIs histogram plot for E4



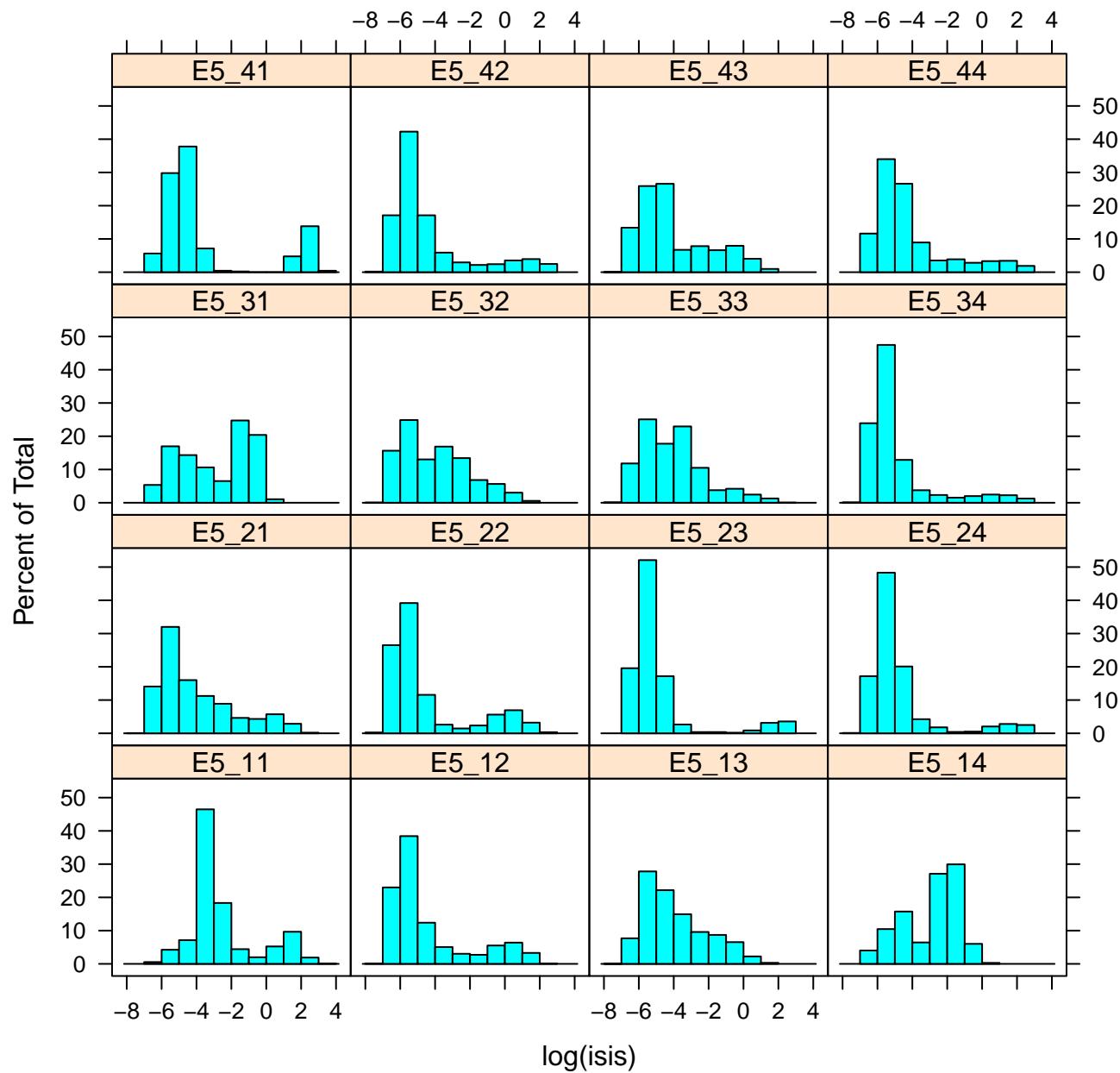
# log(ISIs) histogram plot for E4



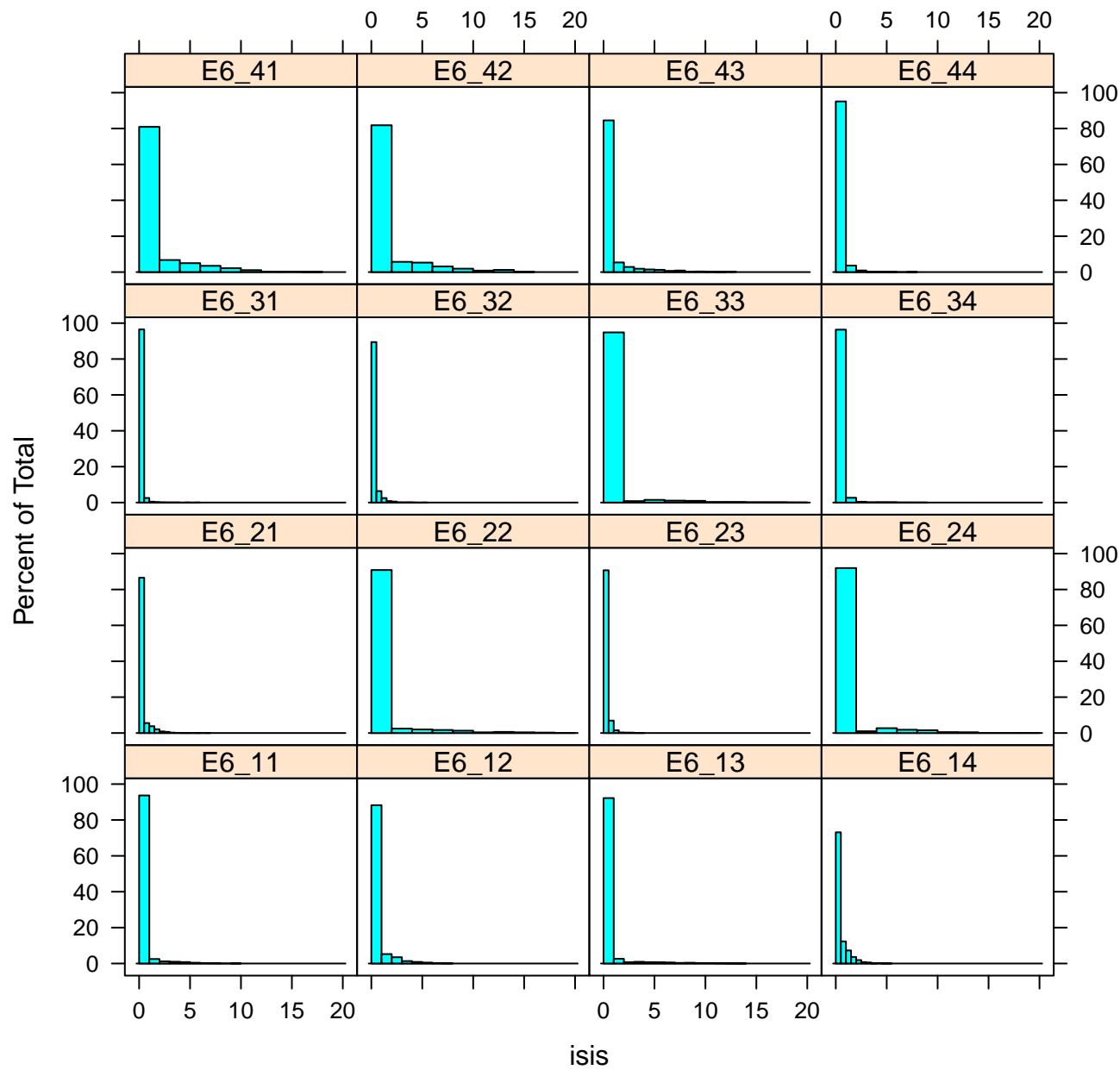
# ISIs histogram plot for E5



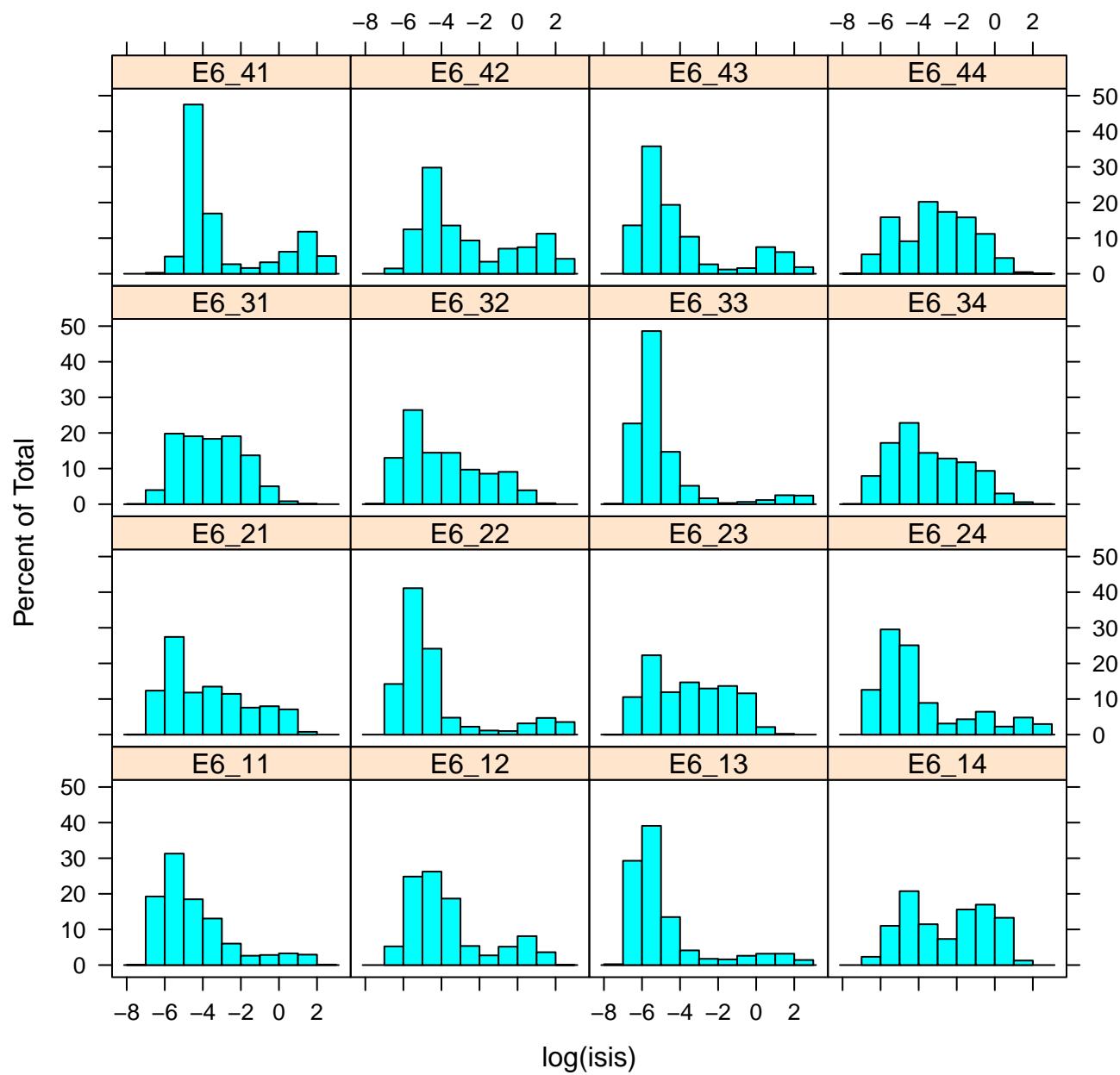
## log(ISIs) histogram plot for E5



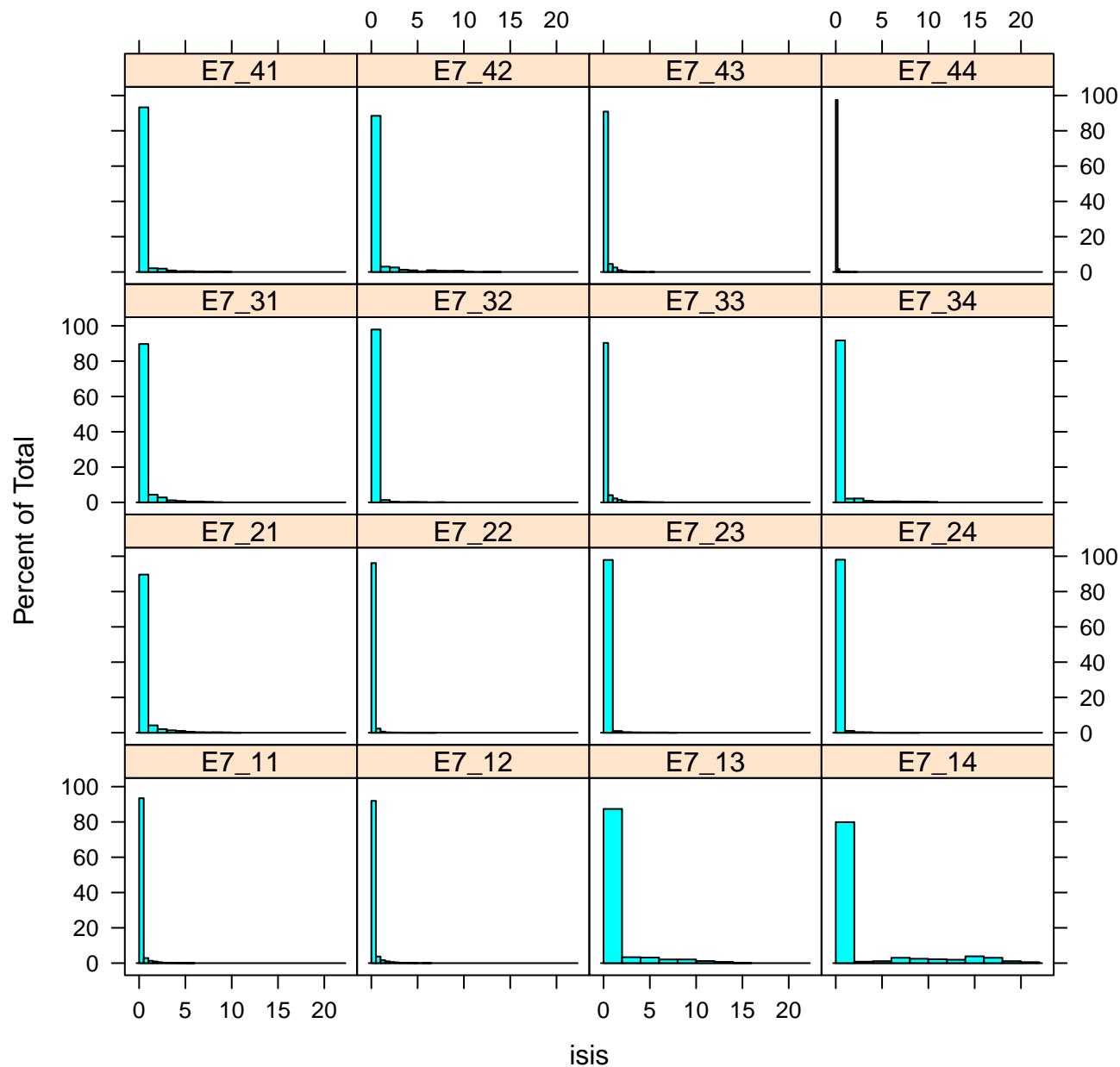
# ISIs histogram plot for E6



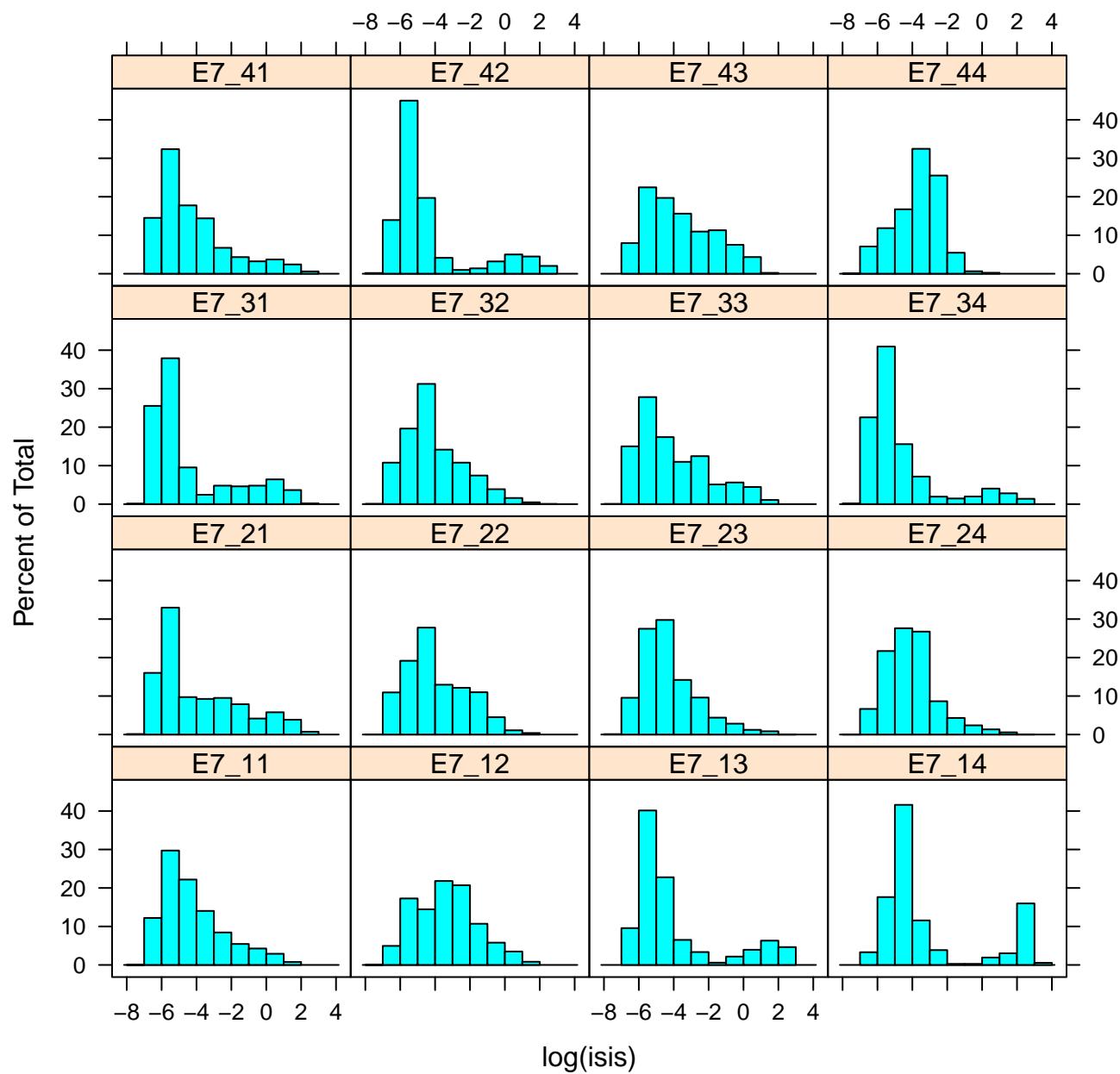
## **log(ISIs) histogram plot for E6**



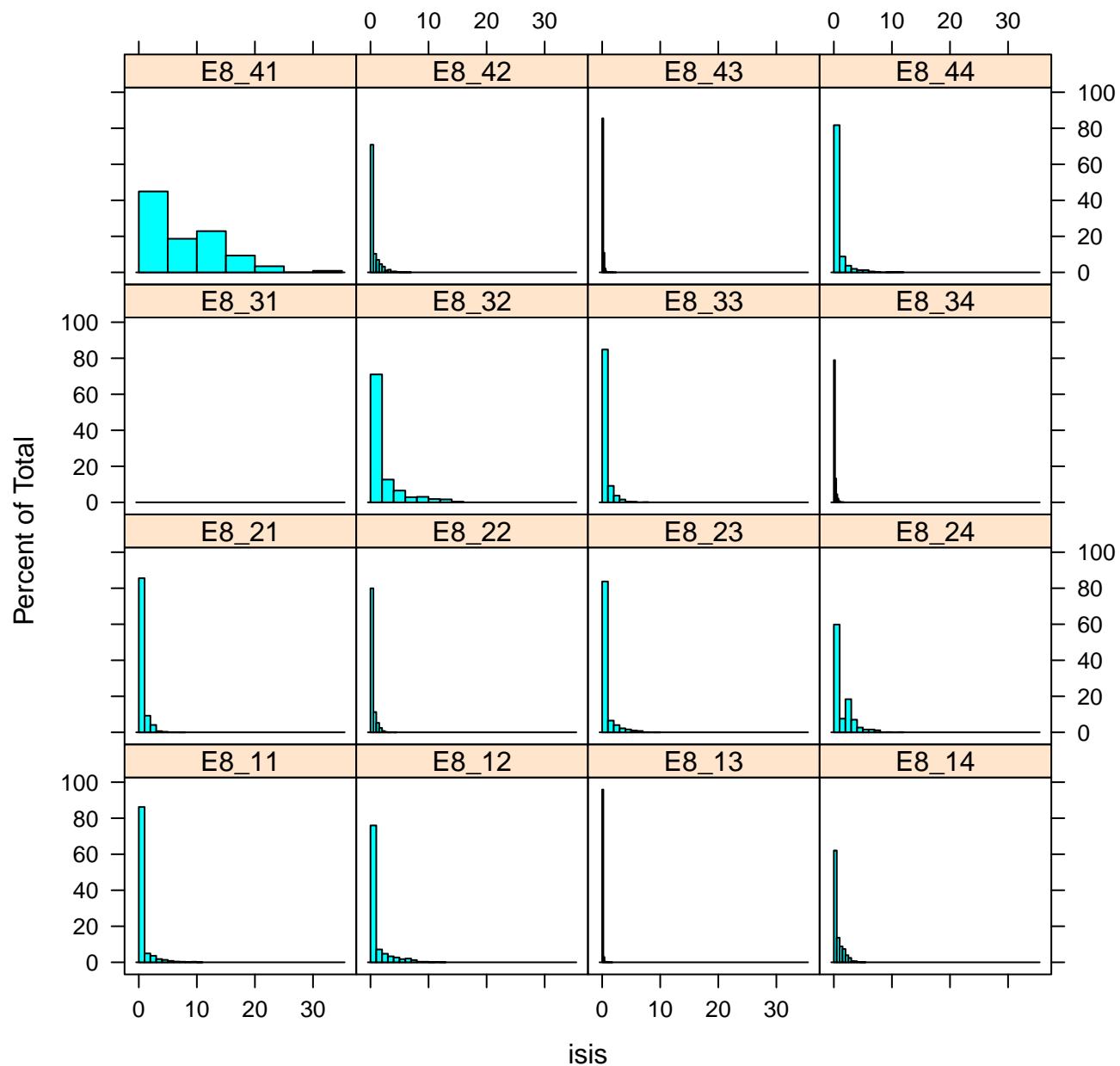
# ISIs histogram plot for E7



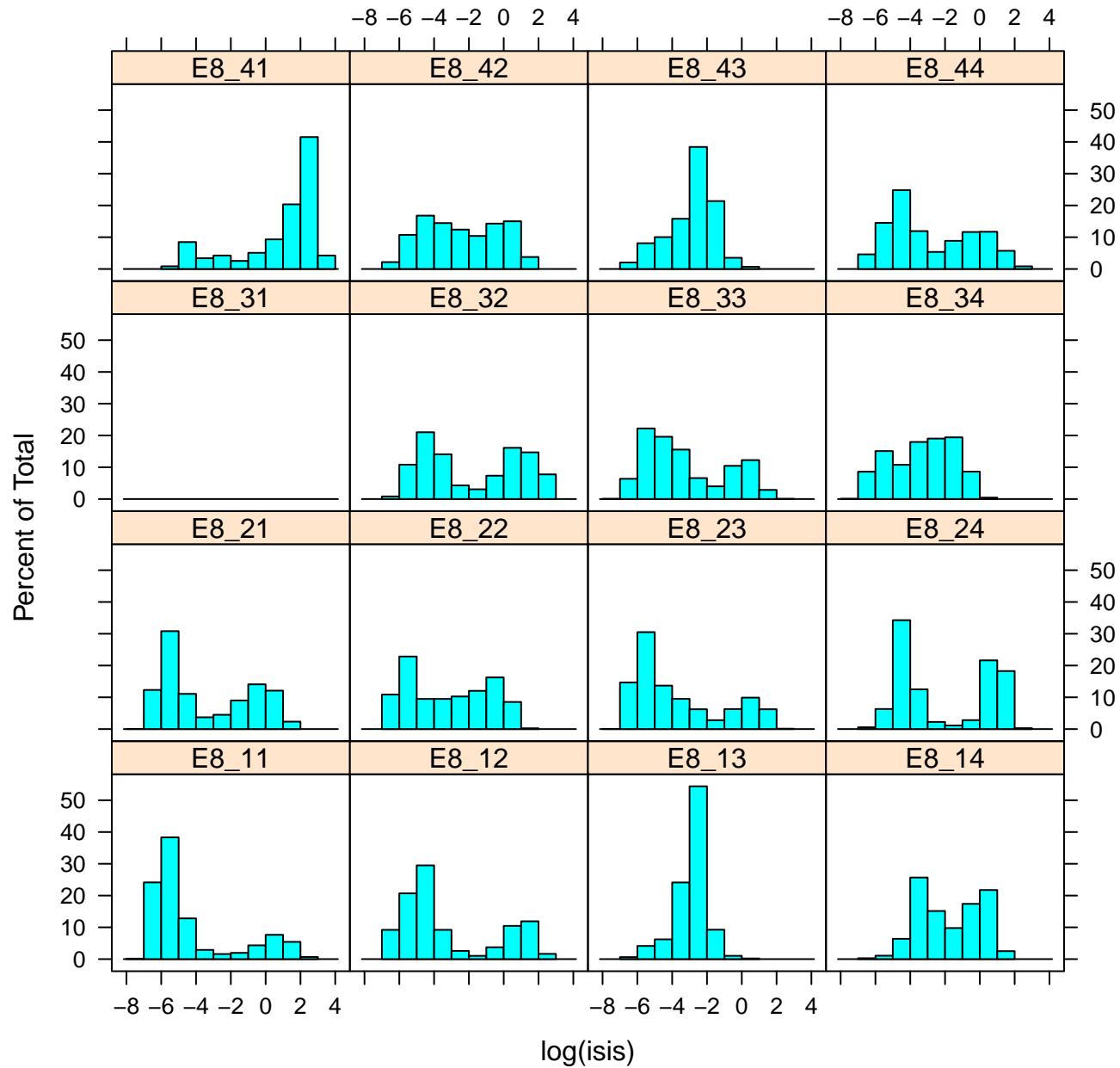
# log(ISIs) histogram plot for E7



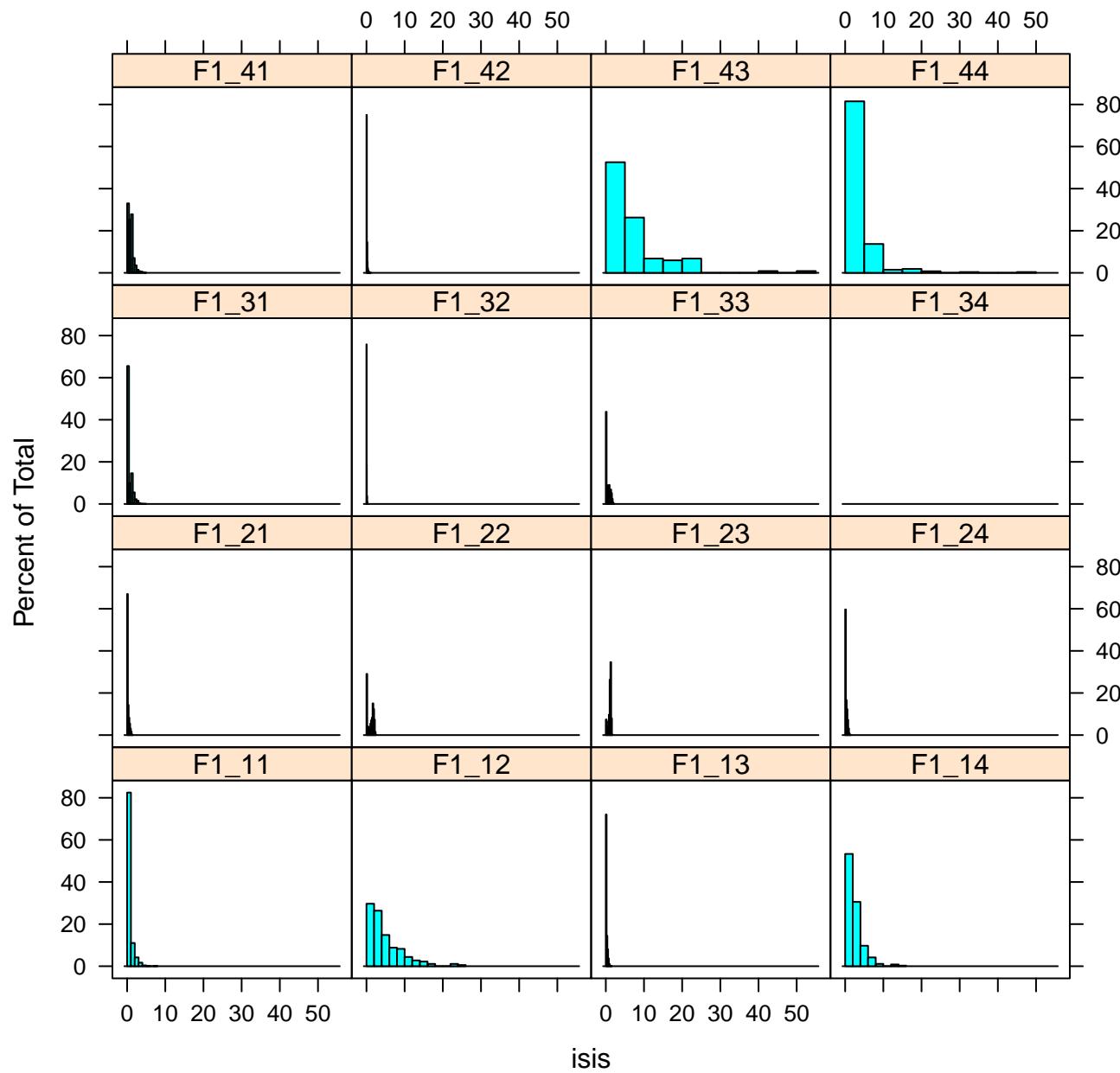
# ISIs histogram plot for E8



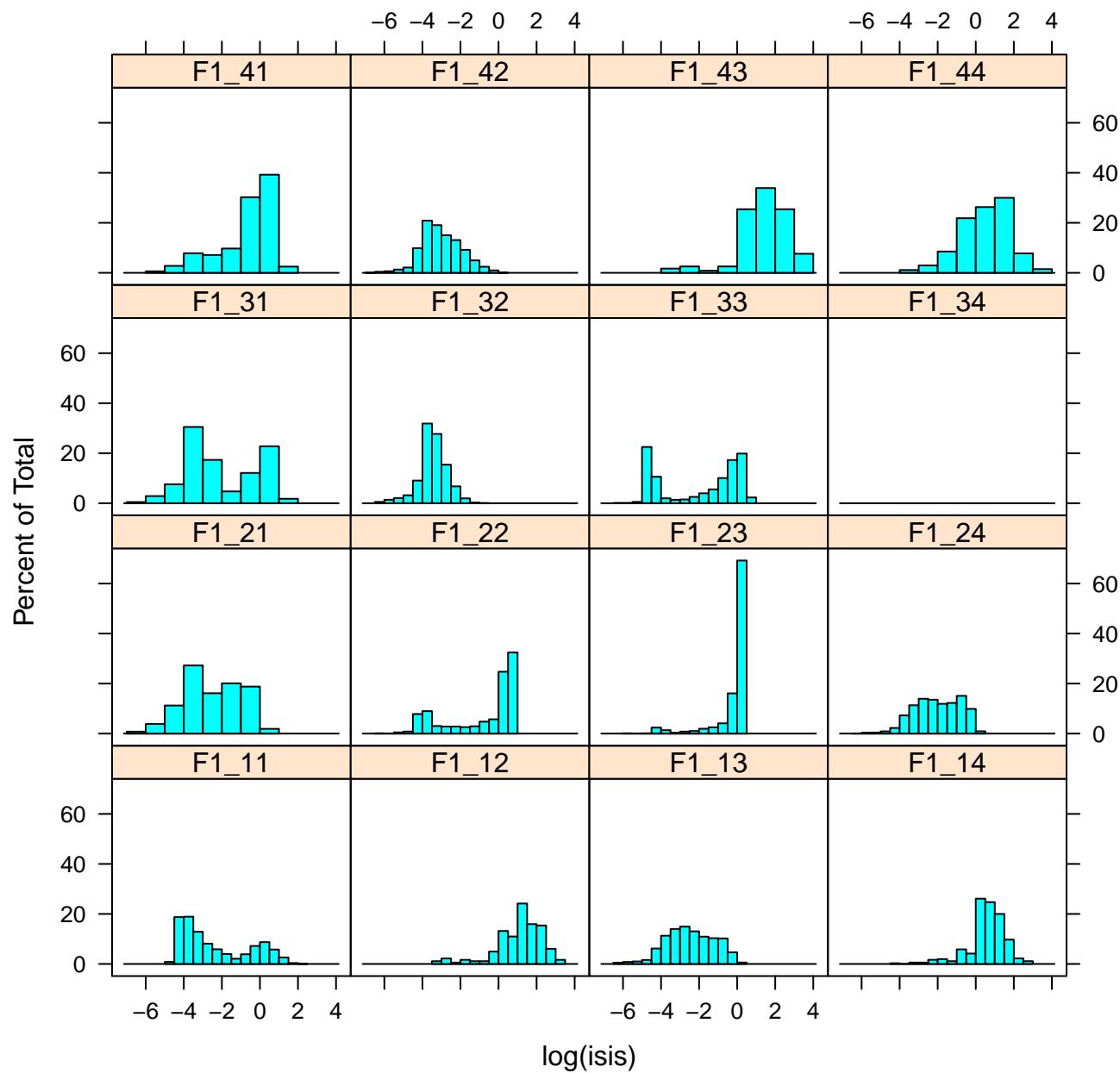
# log(ISIs) histogram plot for E8



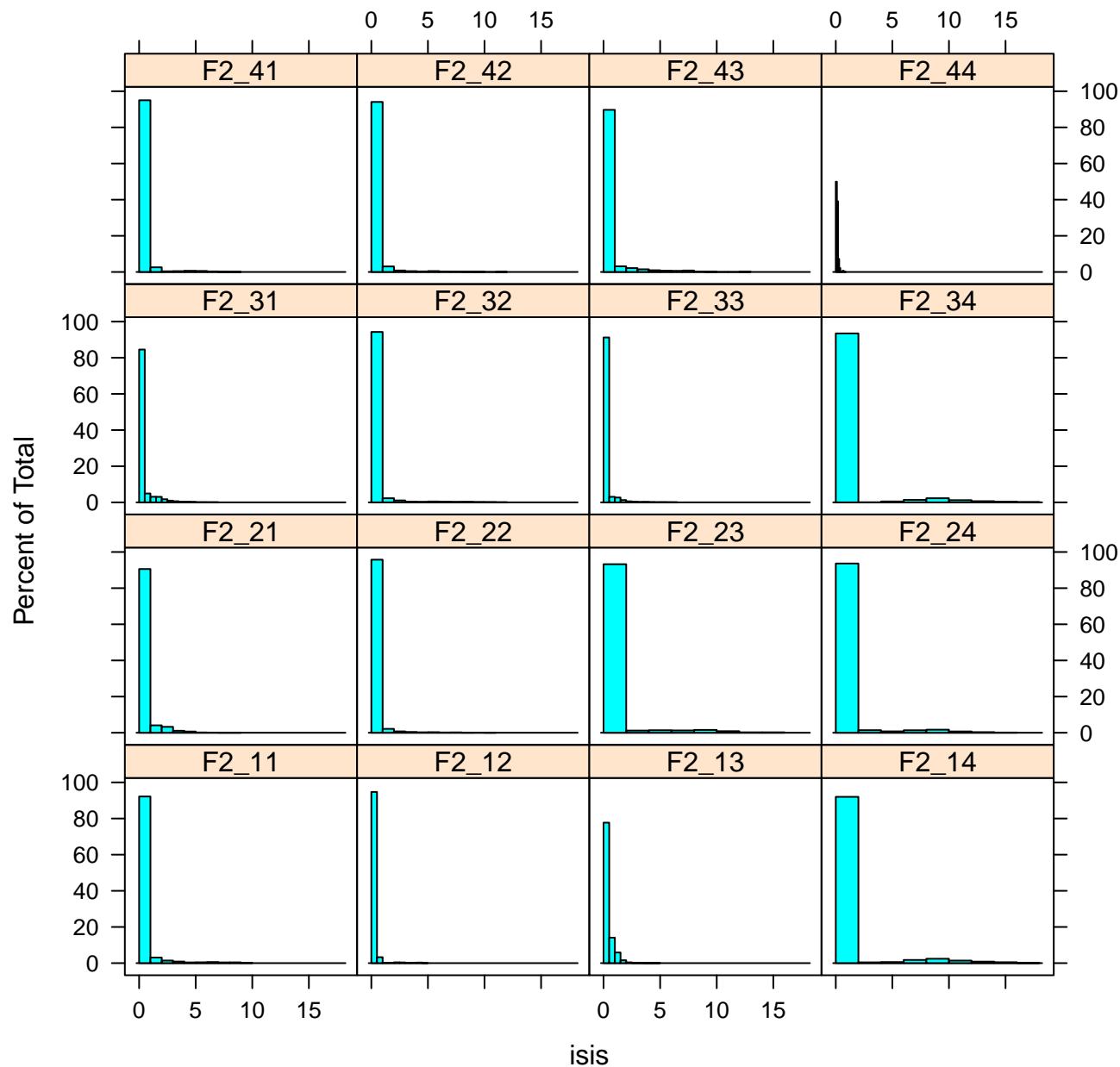
# ISIs histogram plot for F1



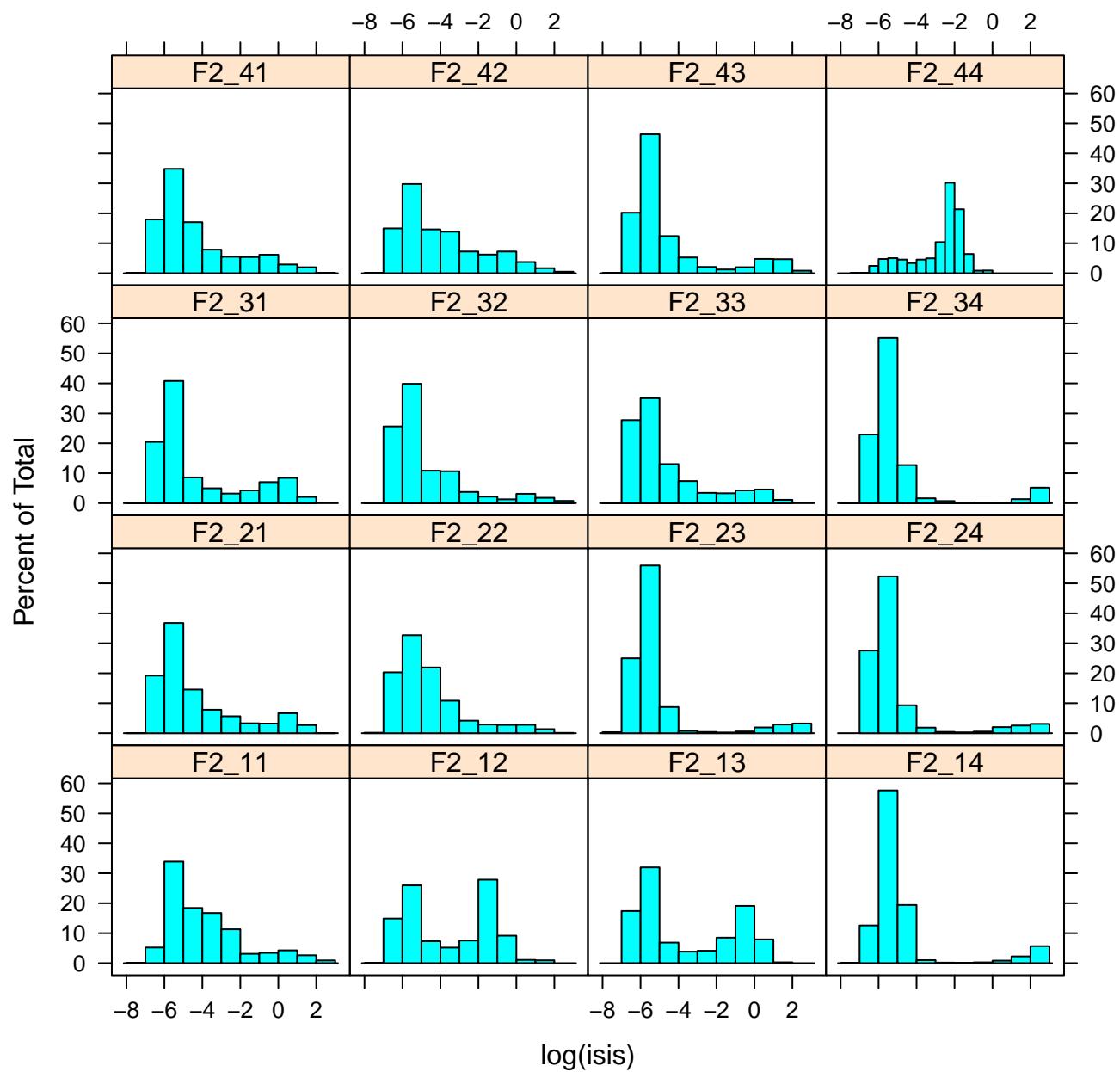
# log(ISIs) histogram plot for F1



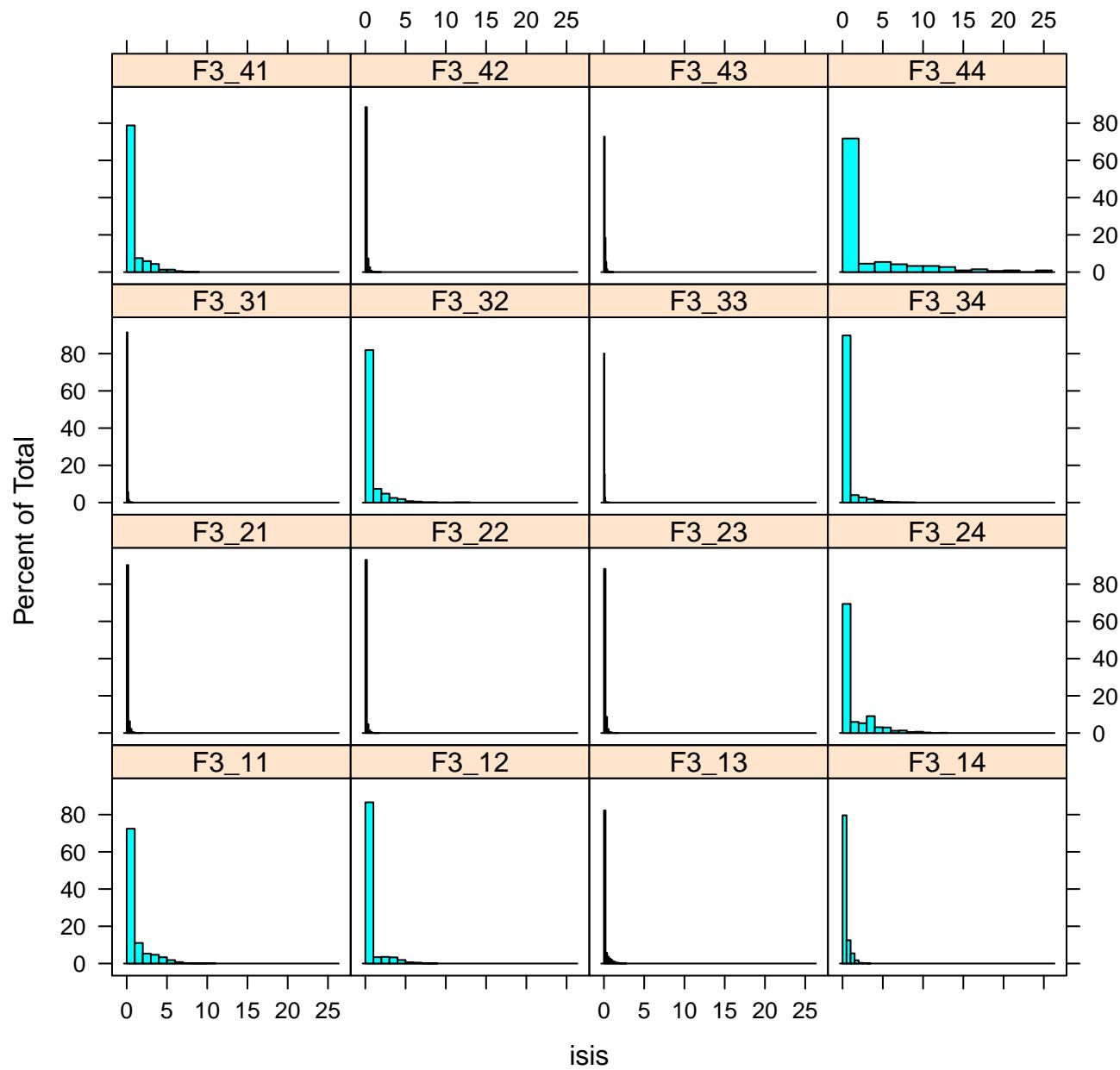
# ISIs histogram plot for F2



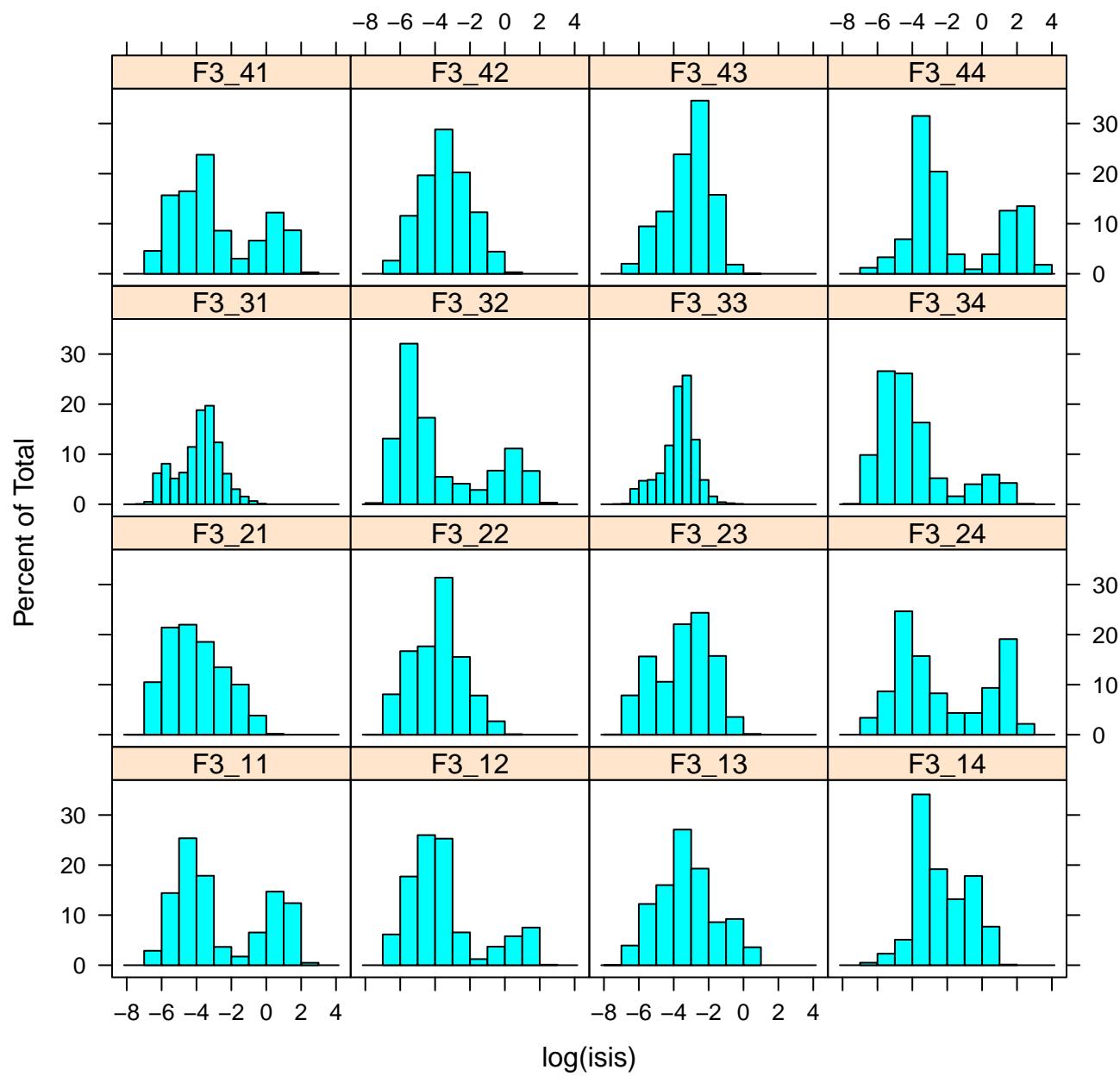
# log(ISIs) histogram plot for F2



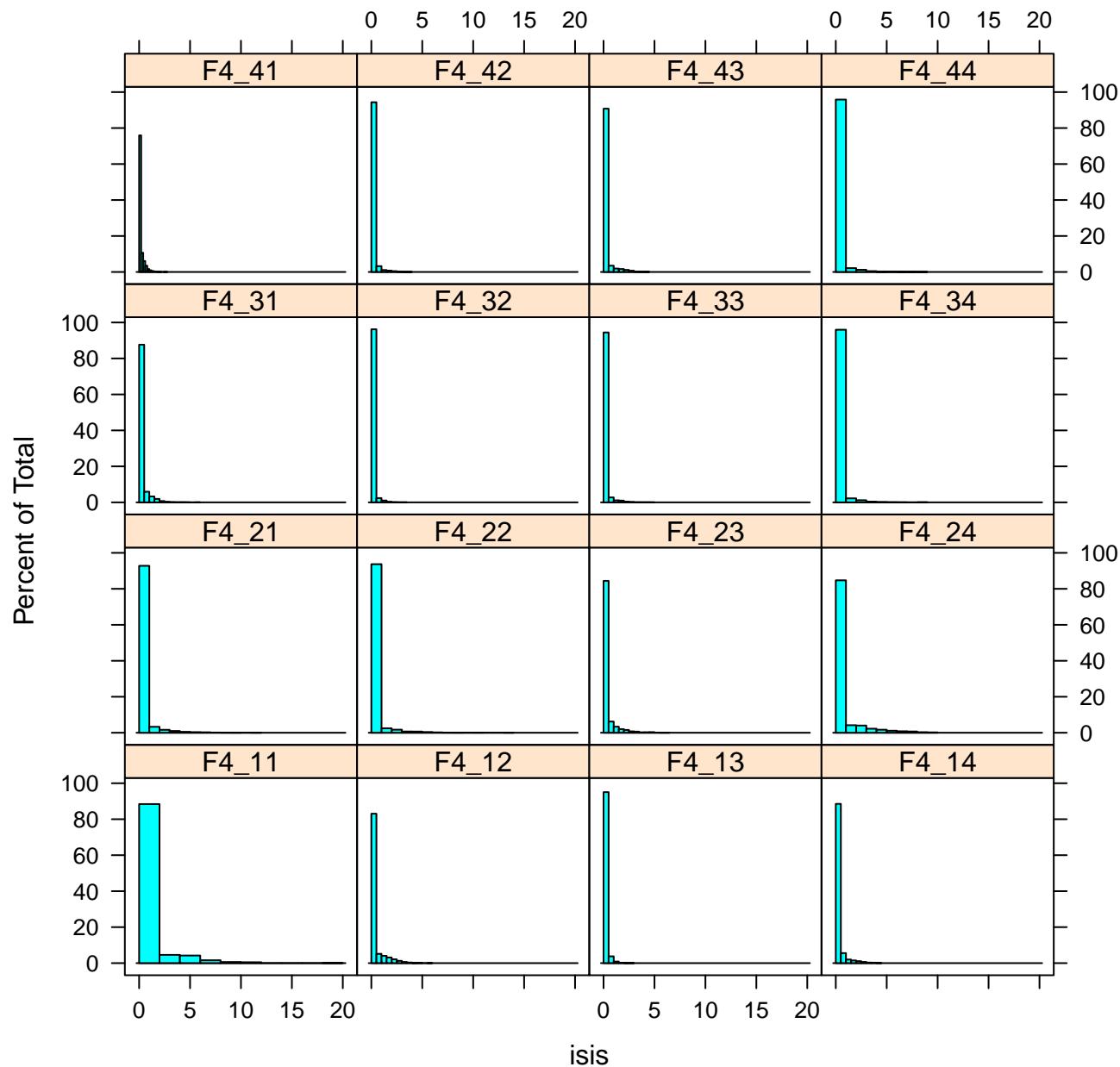
# ISIs histogram plot for F3



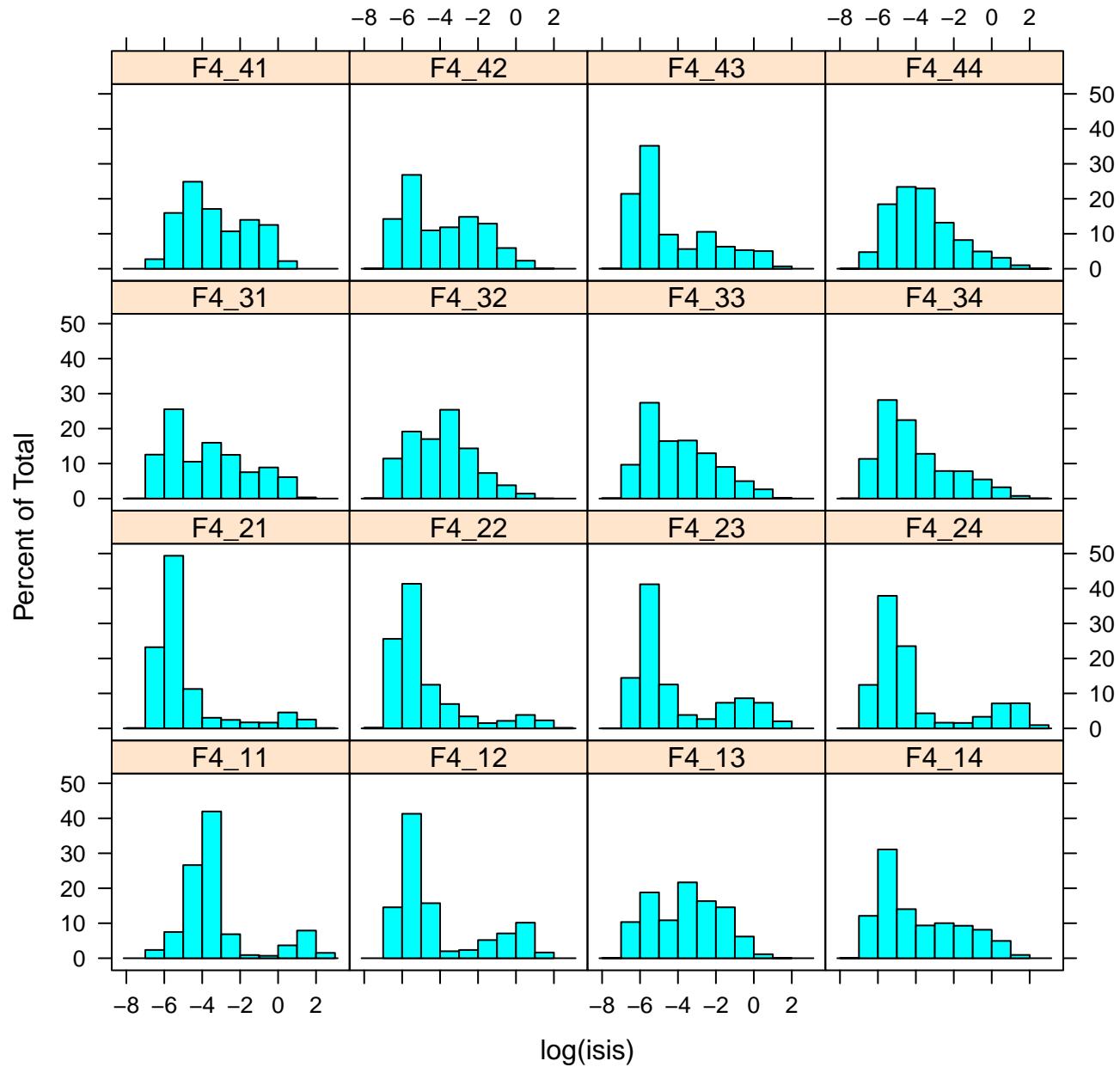
# log(ISIs) histogram plot for F3



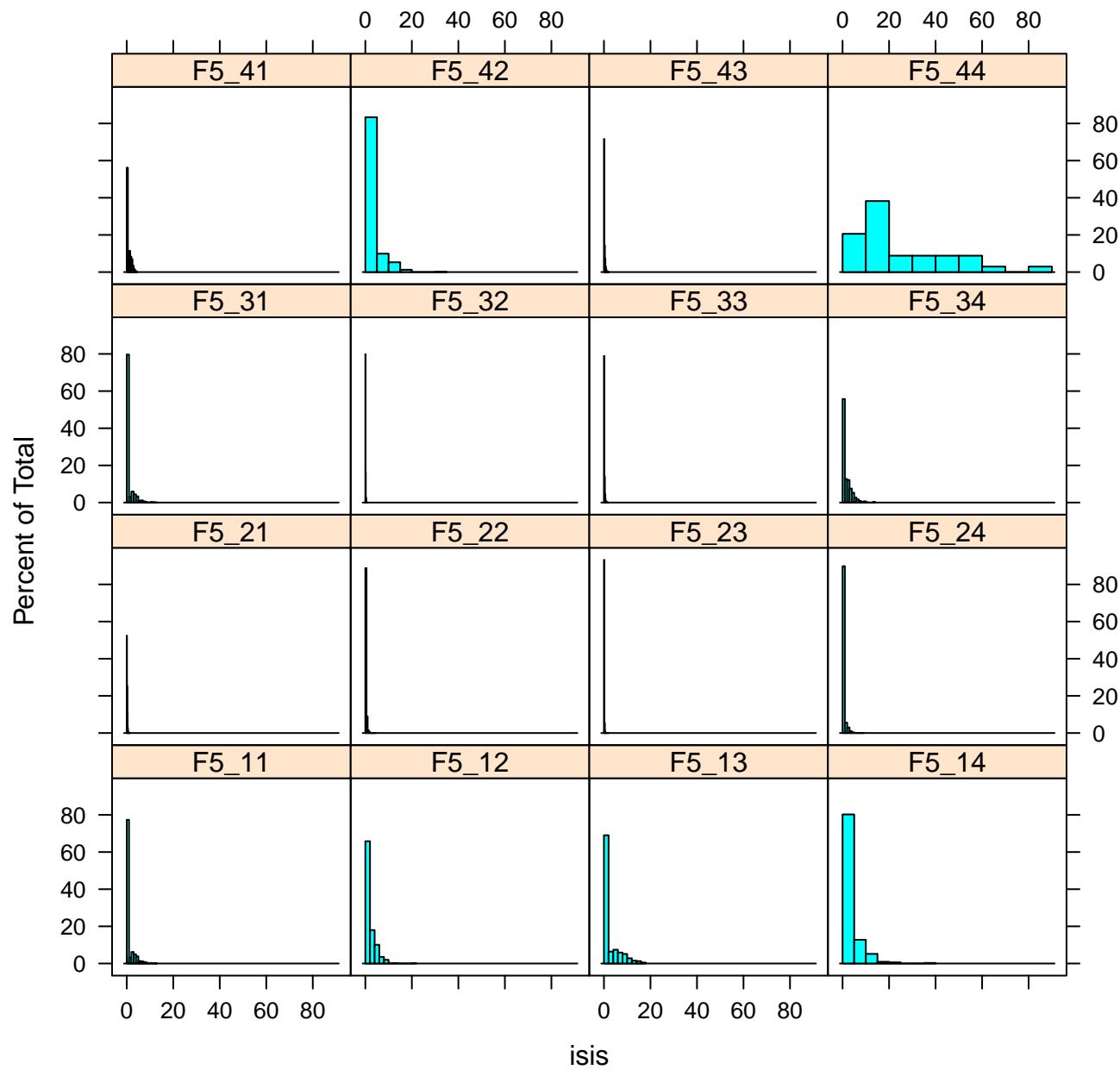
# ISIs histogram plot for F4



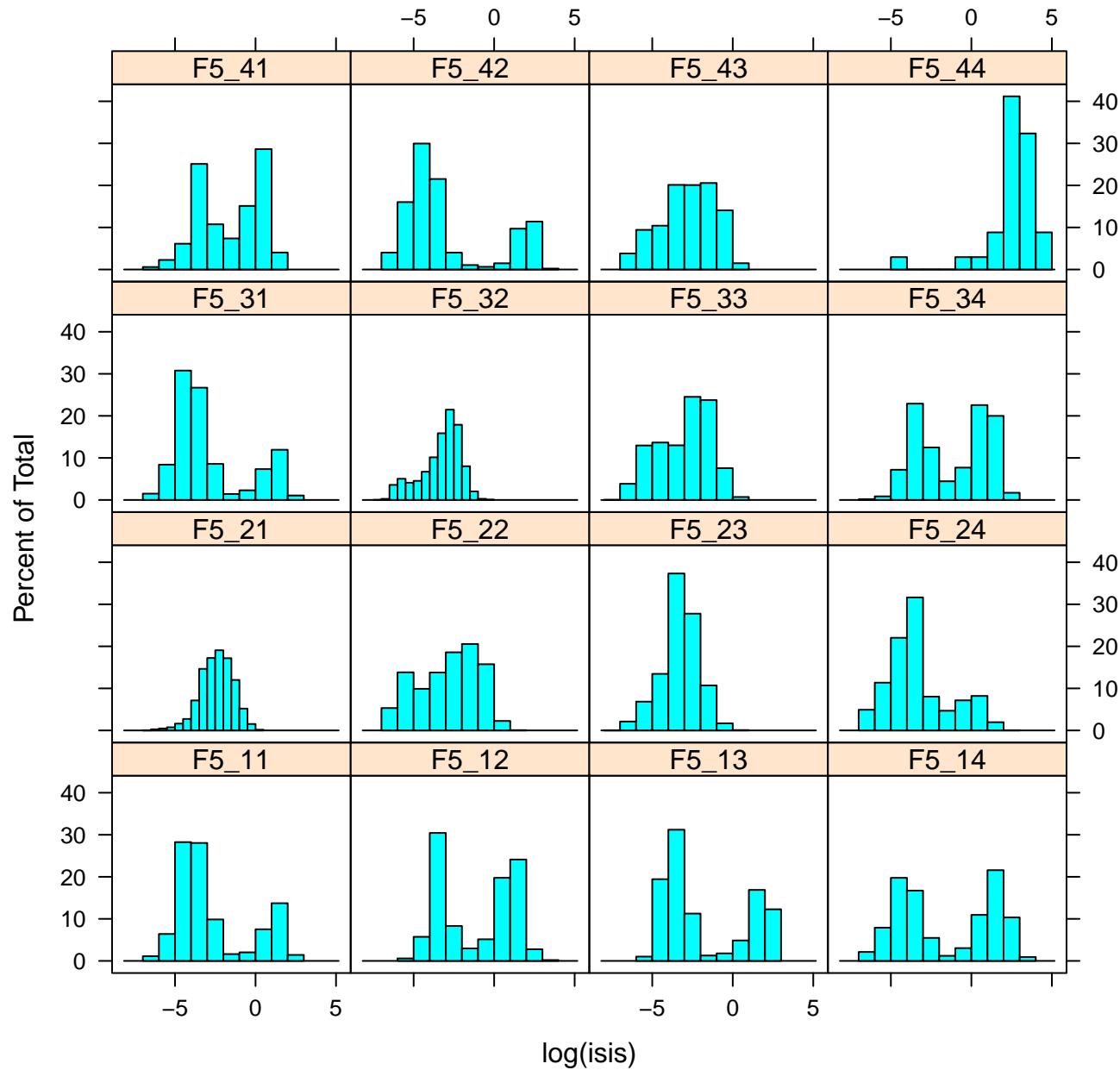
# log(ISIs) histogram plot for F4



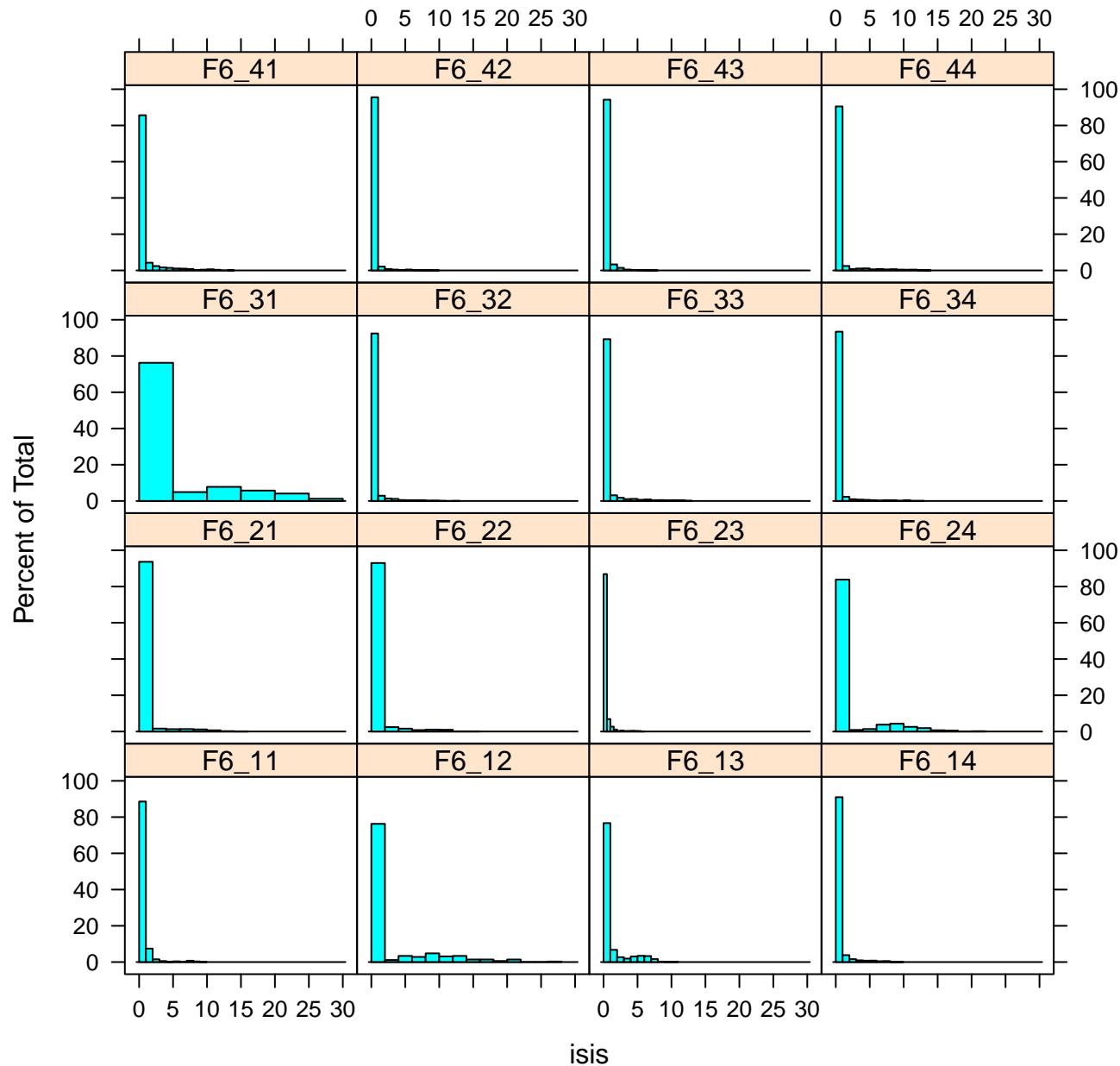
# ISIs histogram plot for F5



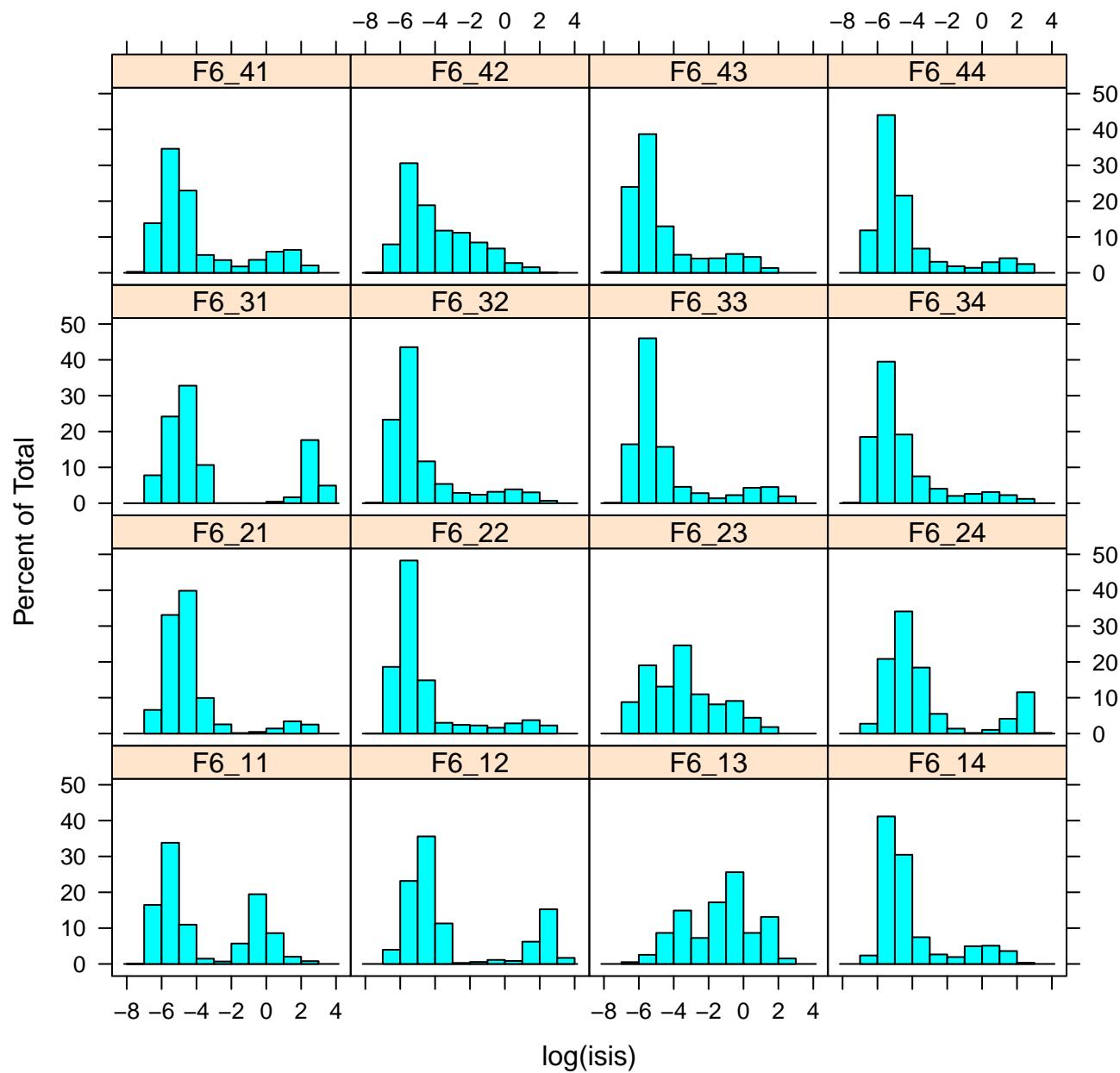
# log(ISIs) histogram plot for F5



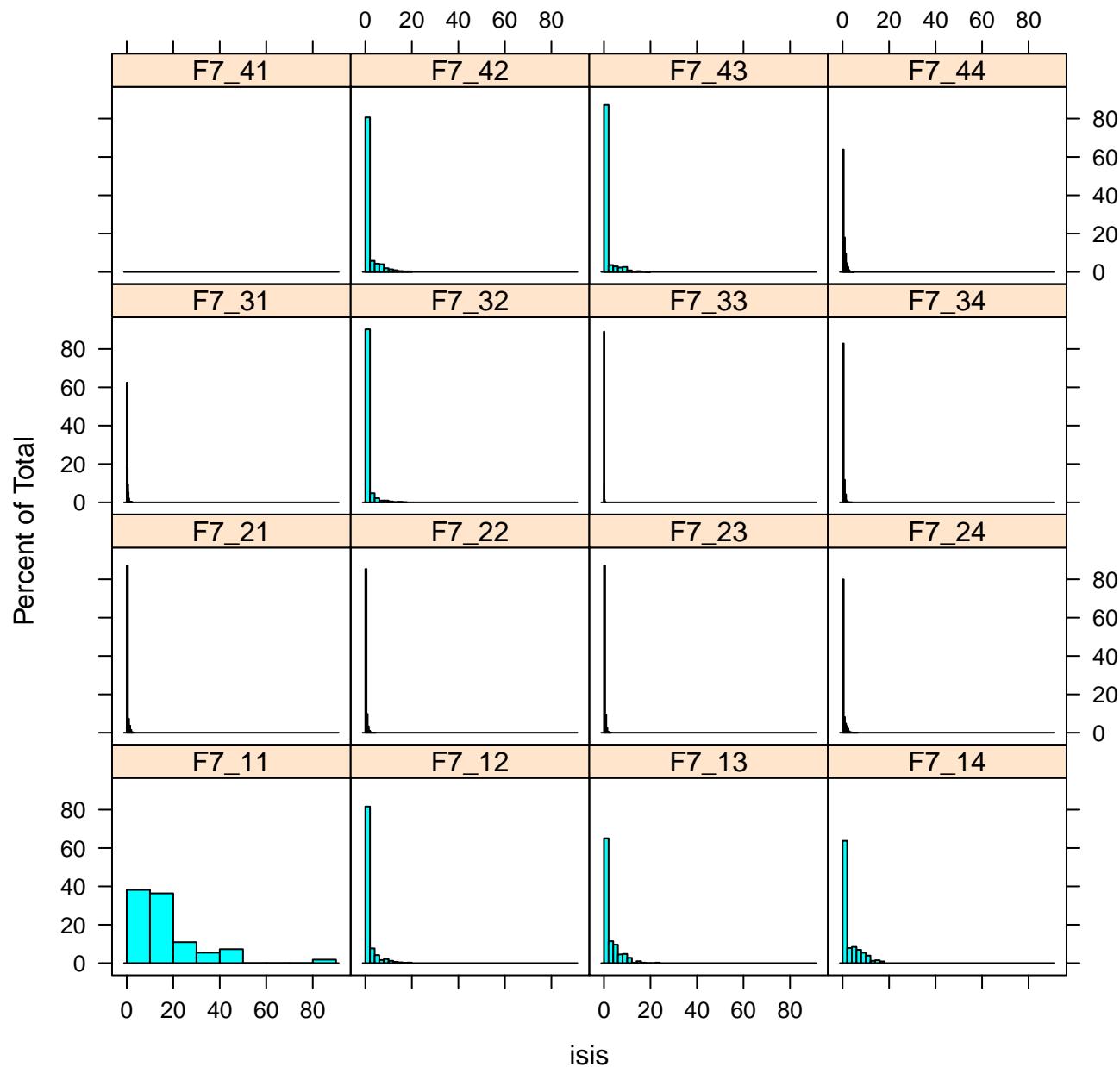
# ISIs histogram plot for F6



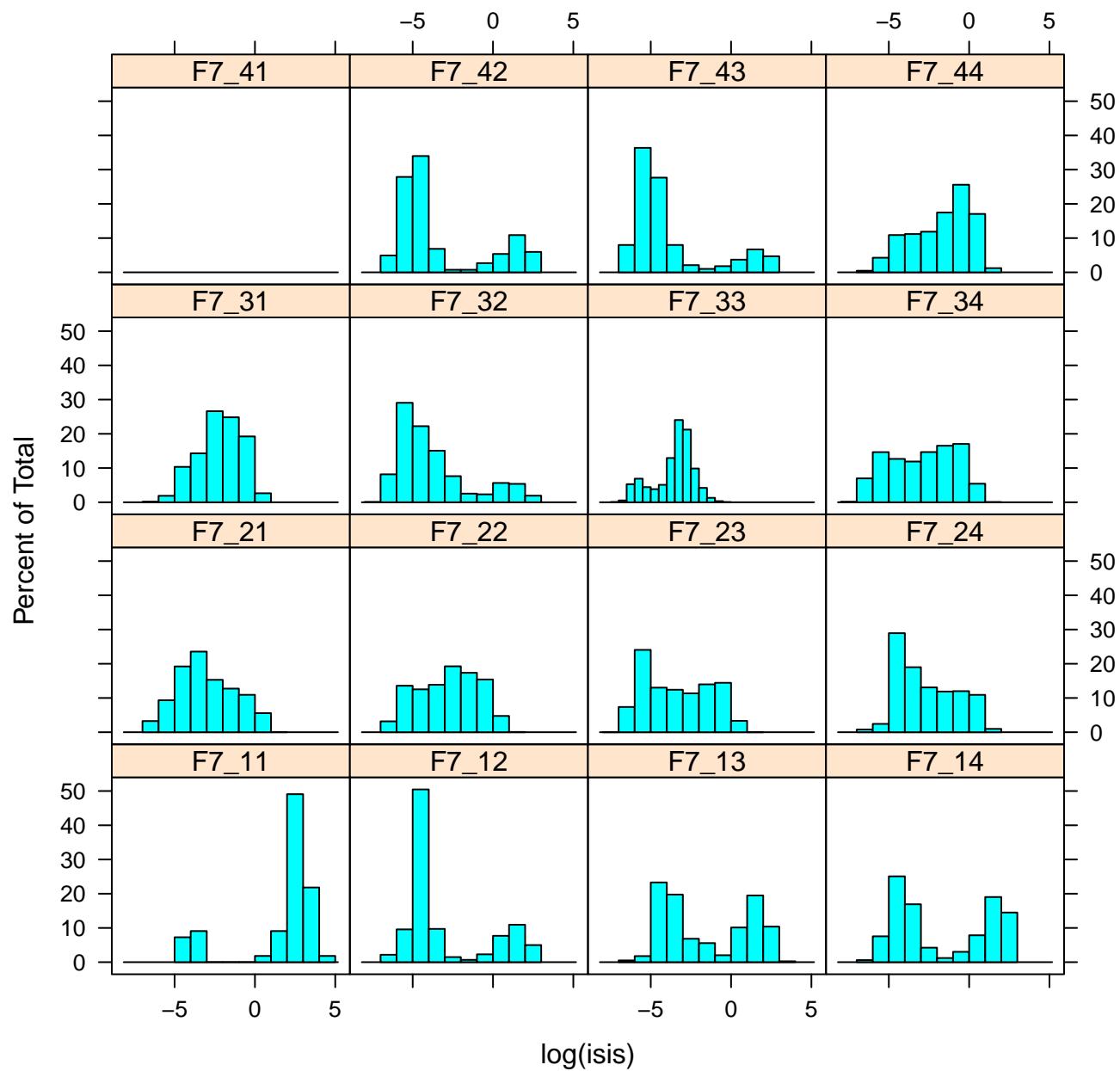
# log(ISIs) histogram plot for F6



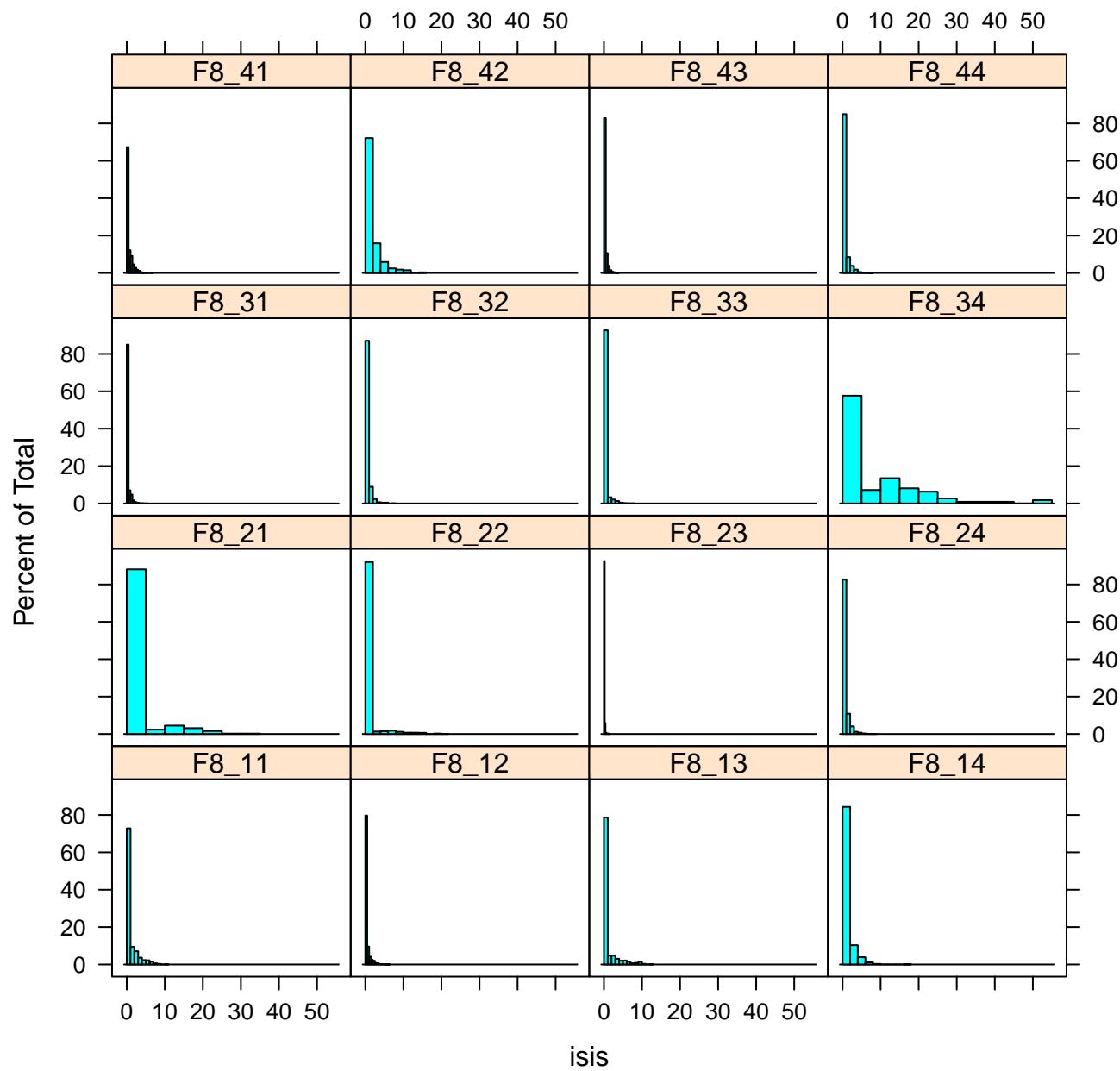
# ISIs histogram plot for F7



# log(ISIs) histogram plot for F7



# ISIs histogram plot for F8



# log(ISIs) histogram plot for F8

