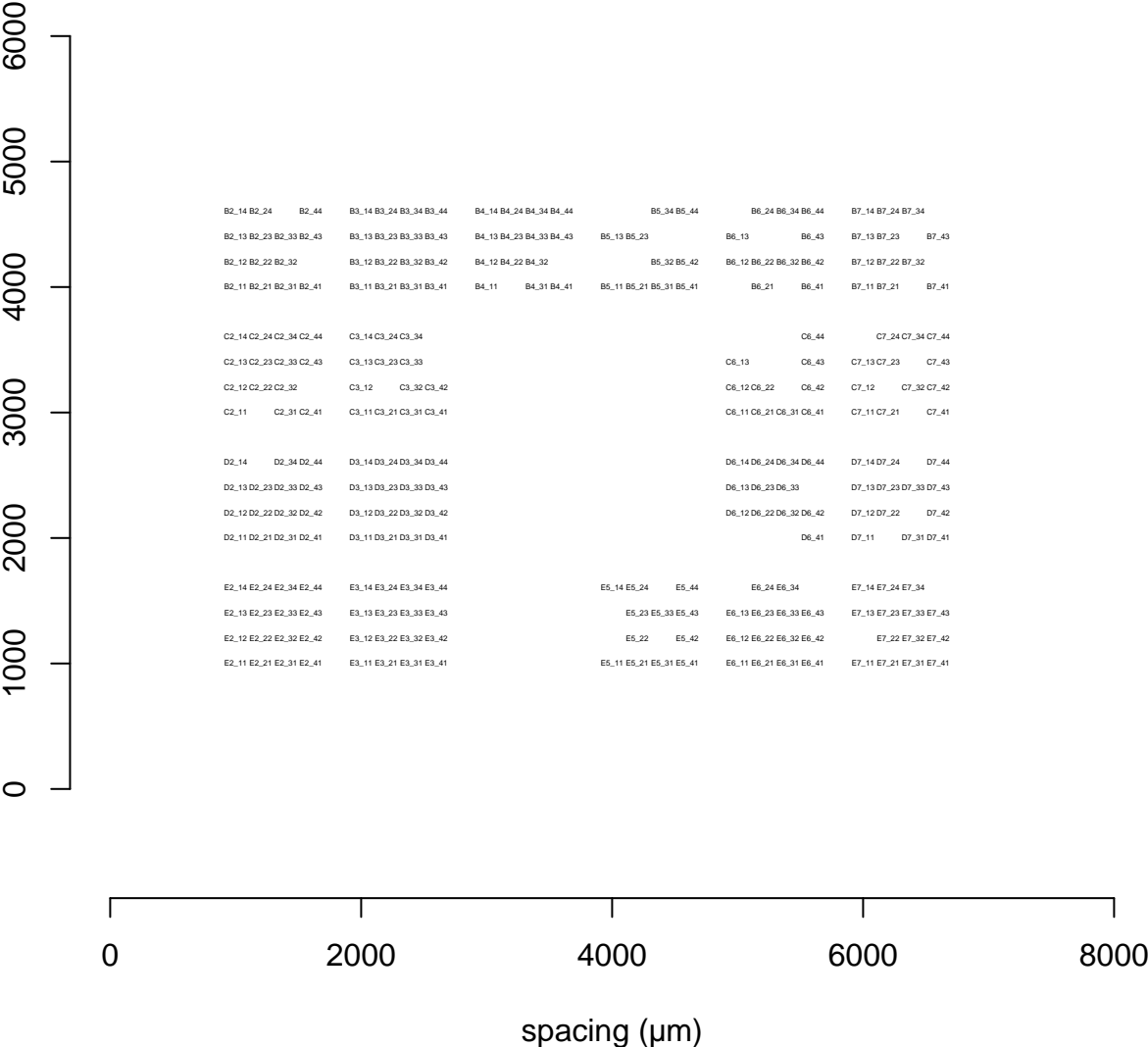
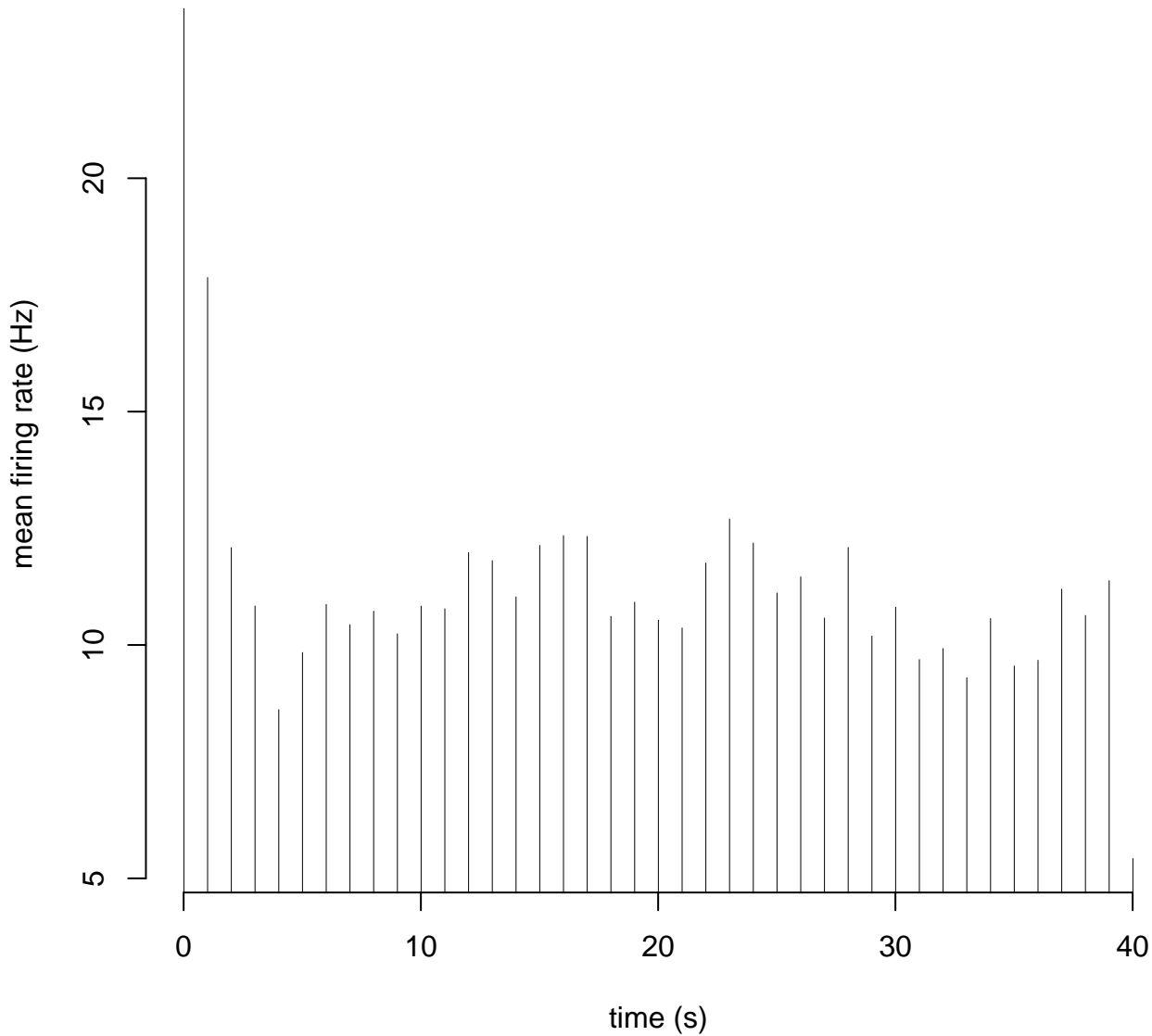


Electrode Layout

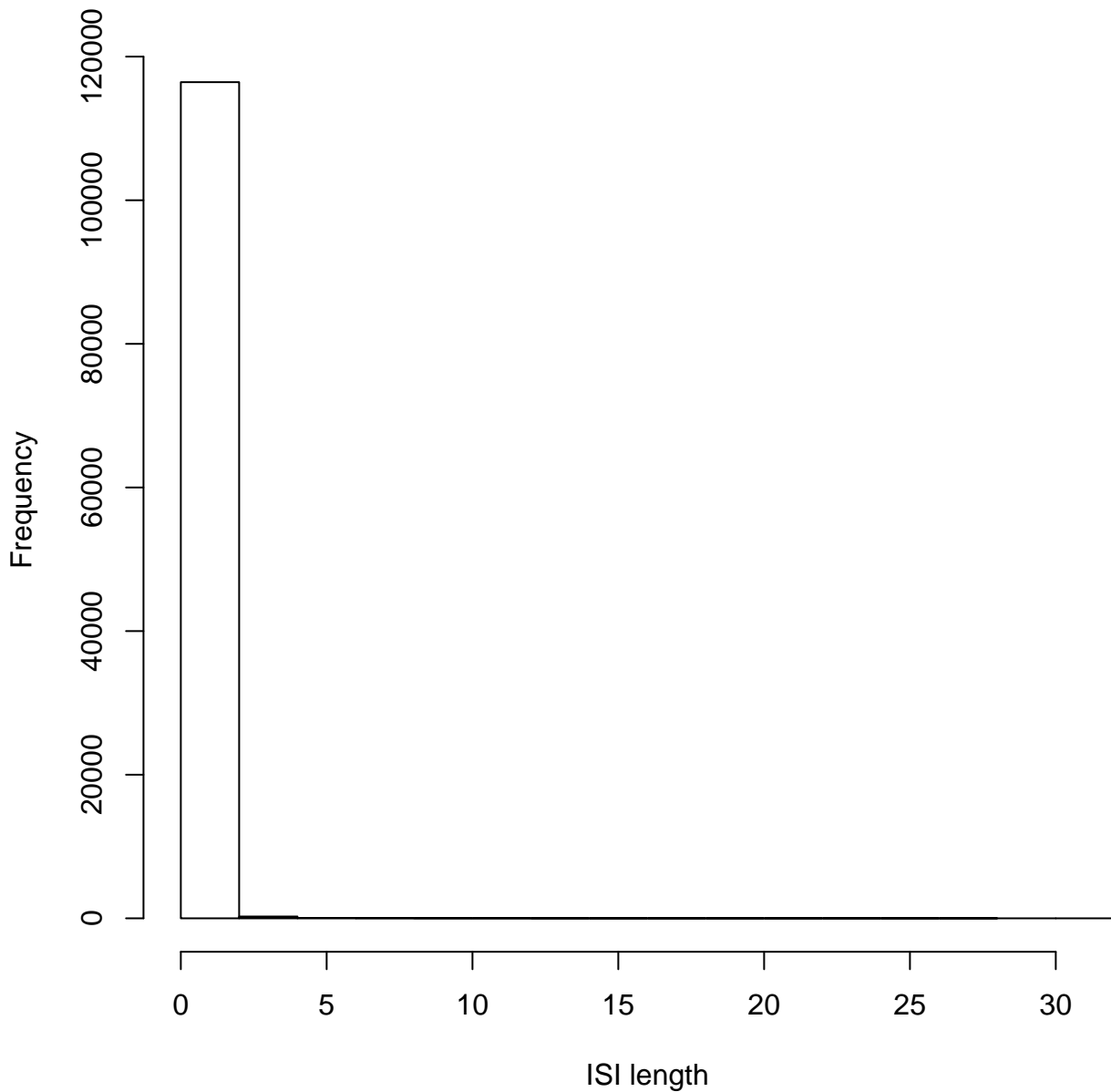
file= exampleRecording\_1012016\_plate1\_DIV1



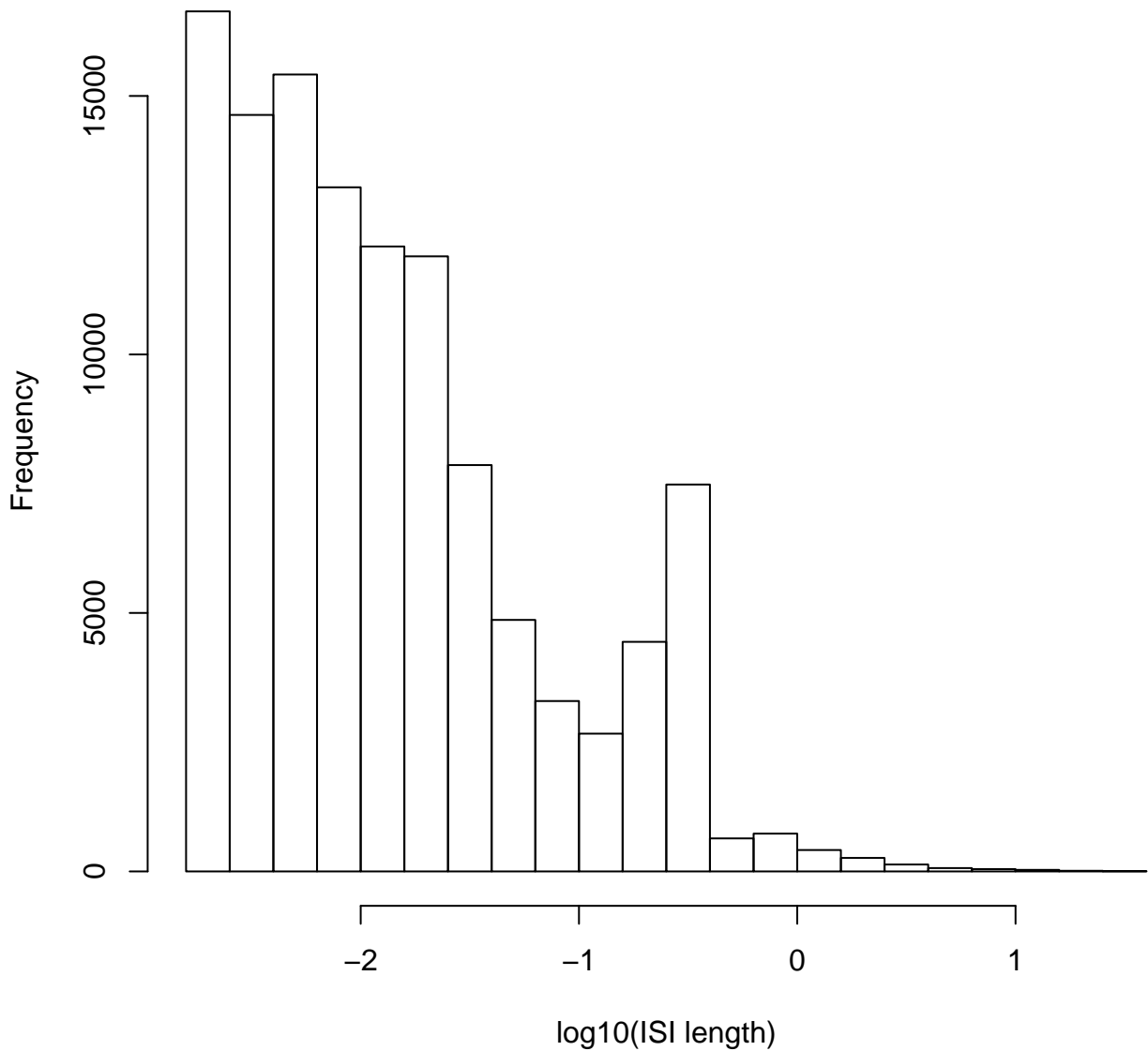
# Mean Firing Rate by Plate (Hz)



**Histogram of ISIs by Plate**

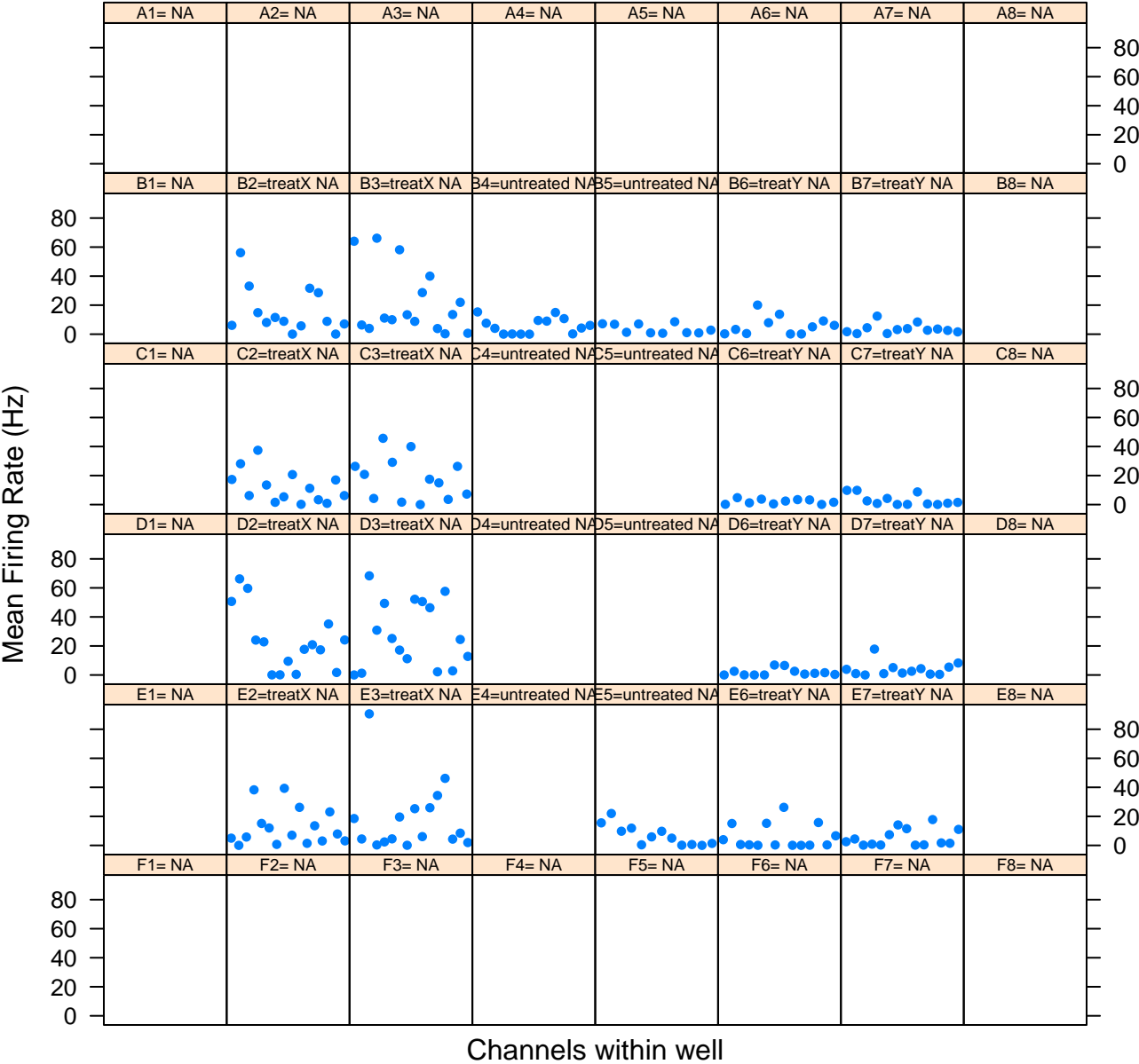


**Histogram of  $\log(\text{ISIs})$  by Plate**



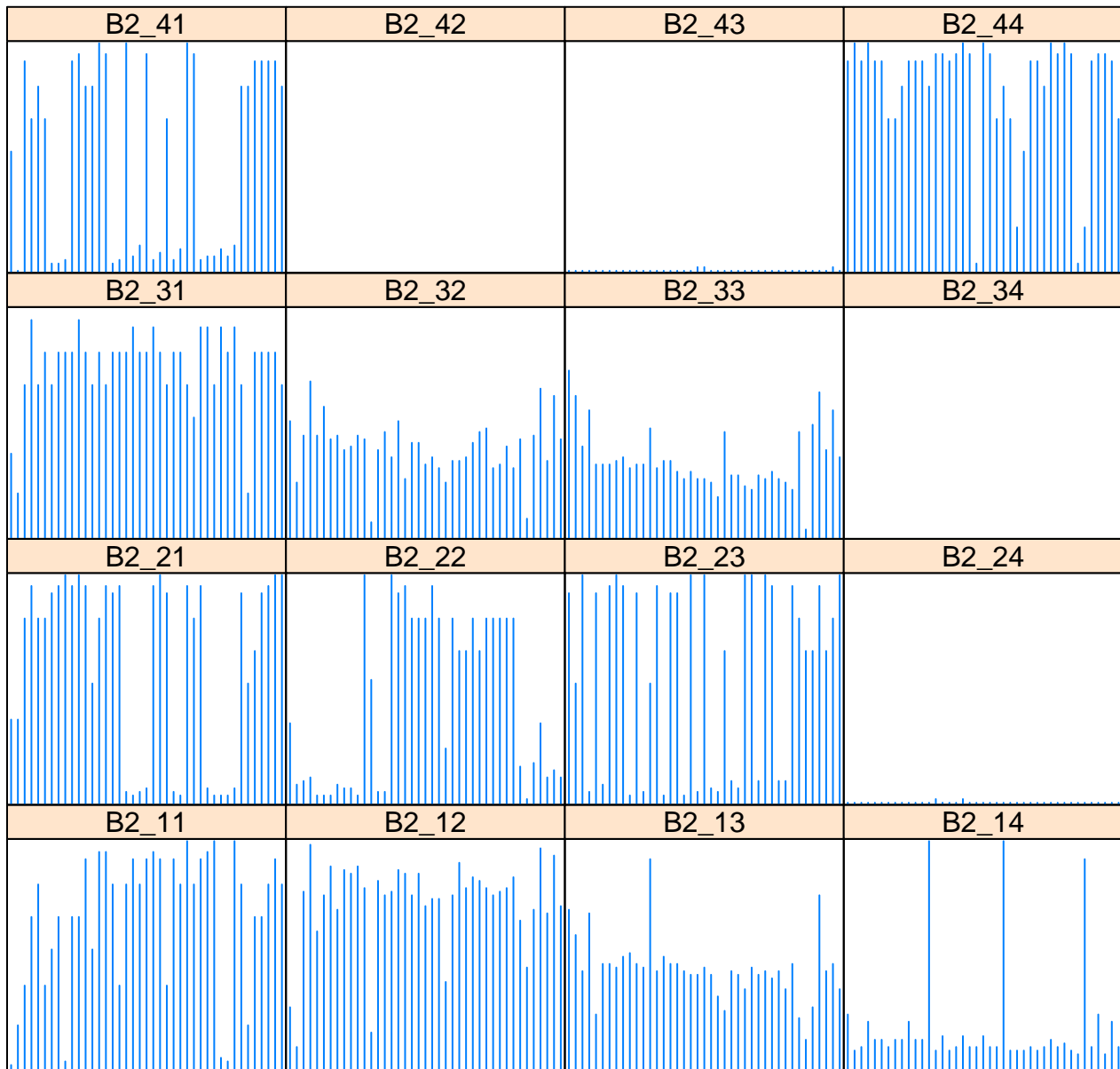
Mean Firing Rate (Hz) by Channels within Wells

file= exampleRecording\_1012016\_plate1\_DIV1



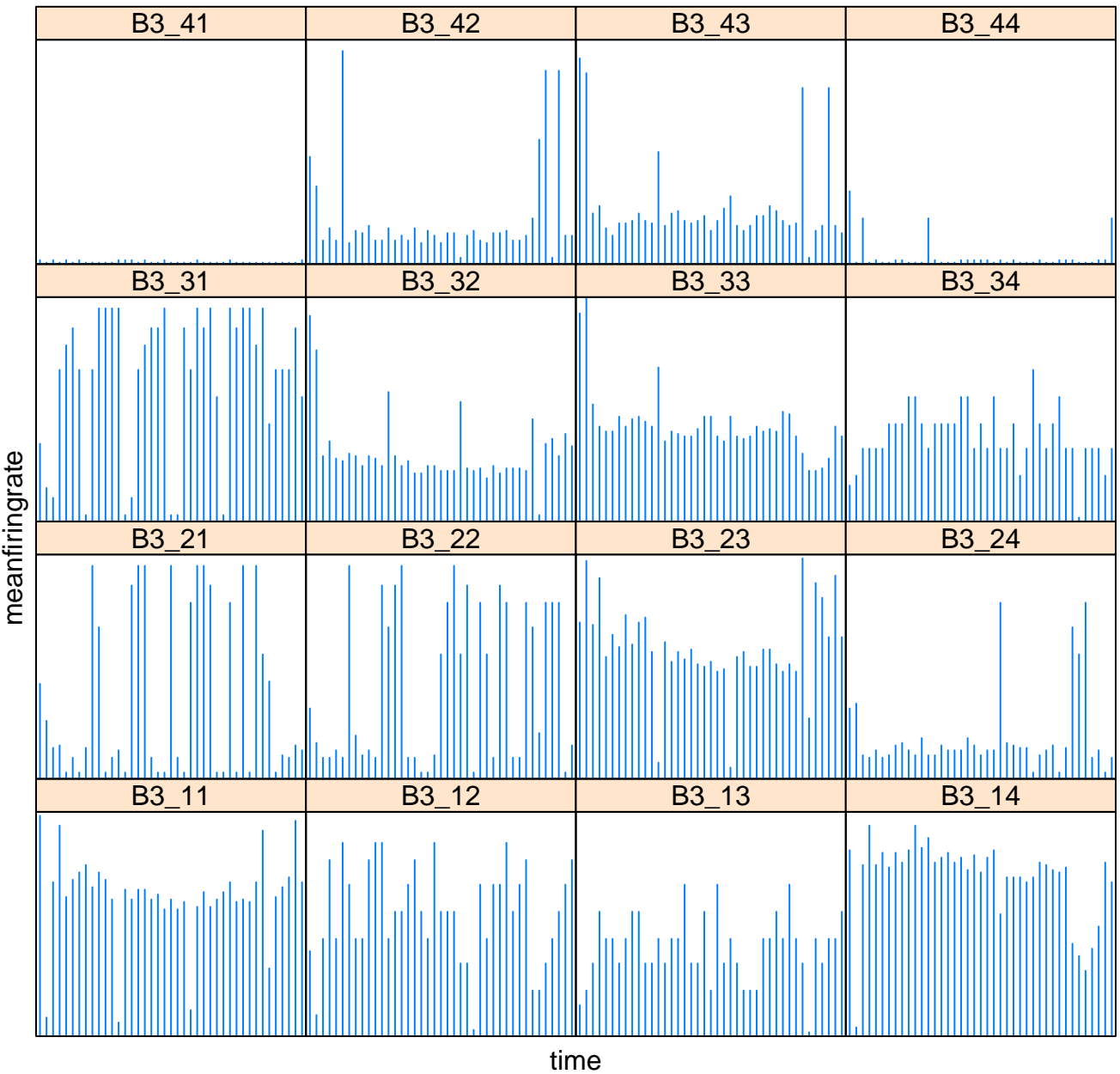
# Mean Firing Rate per Second for Well B2. Maximum firing rate:9 Hz

meanfiringrate



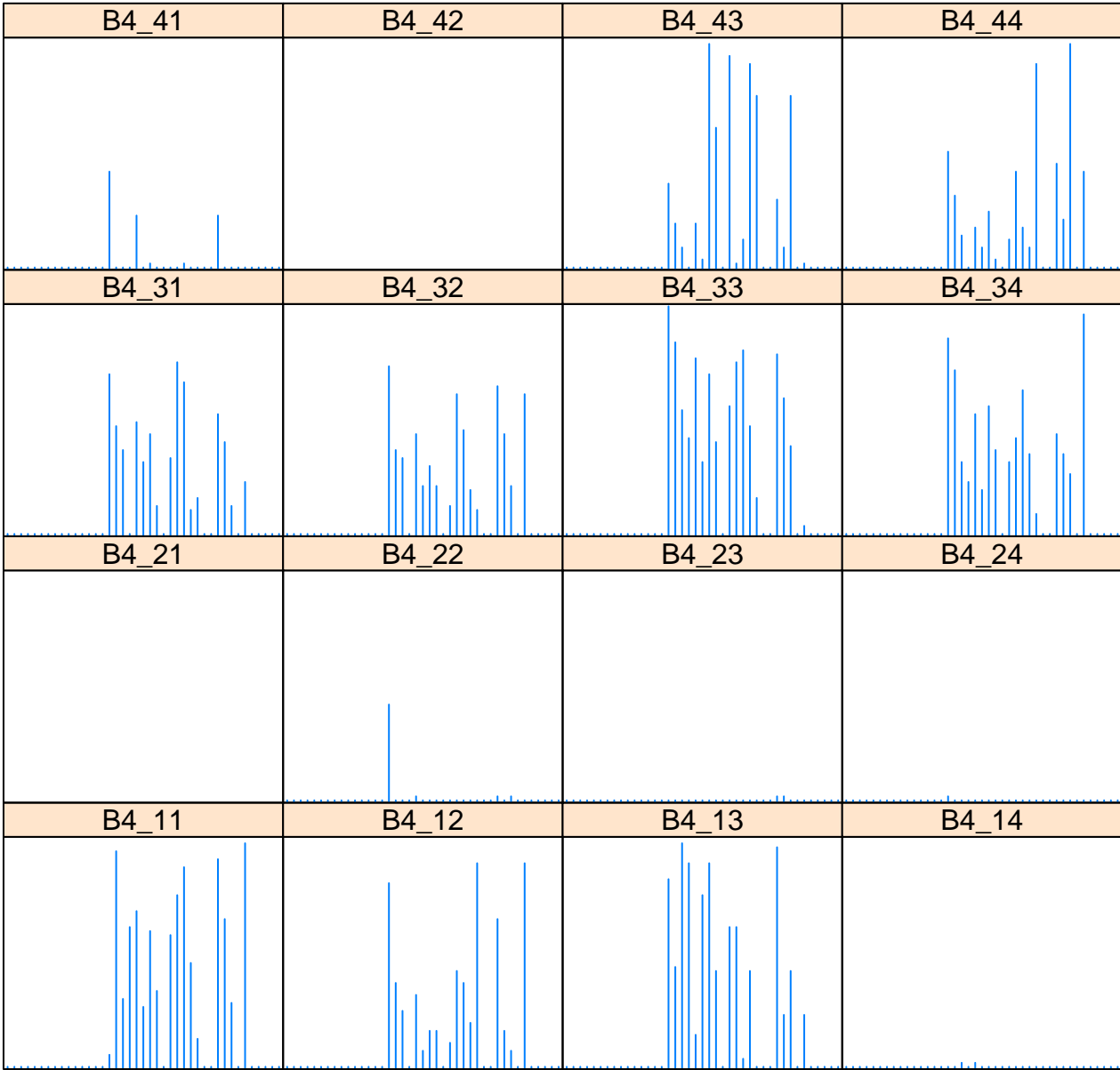
time

**Mean Firing Rate per Second for Well B3. Maximum firing rate:99 Hz**



**Mean Firing Rate per Second for Well B4. Maximum firing rate:93 Hz**

meanfiringrate

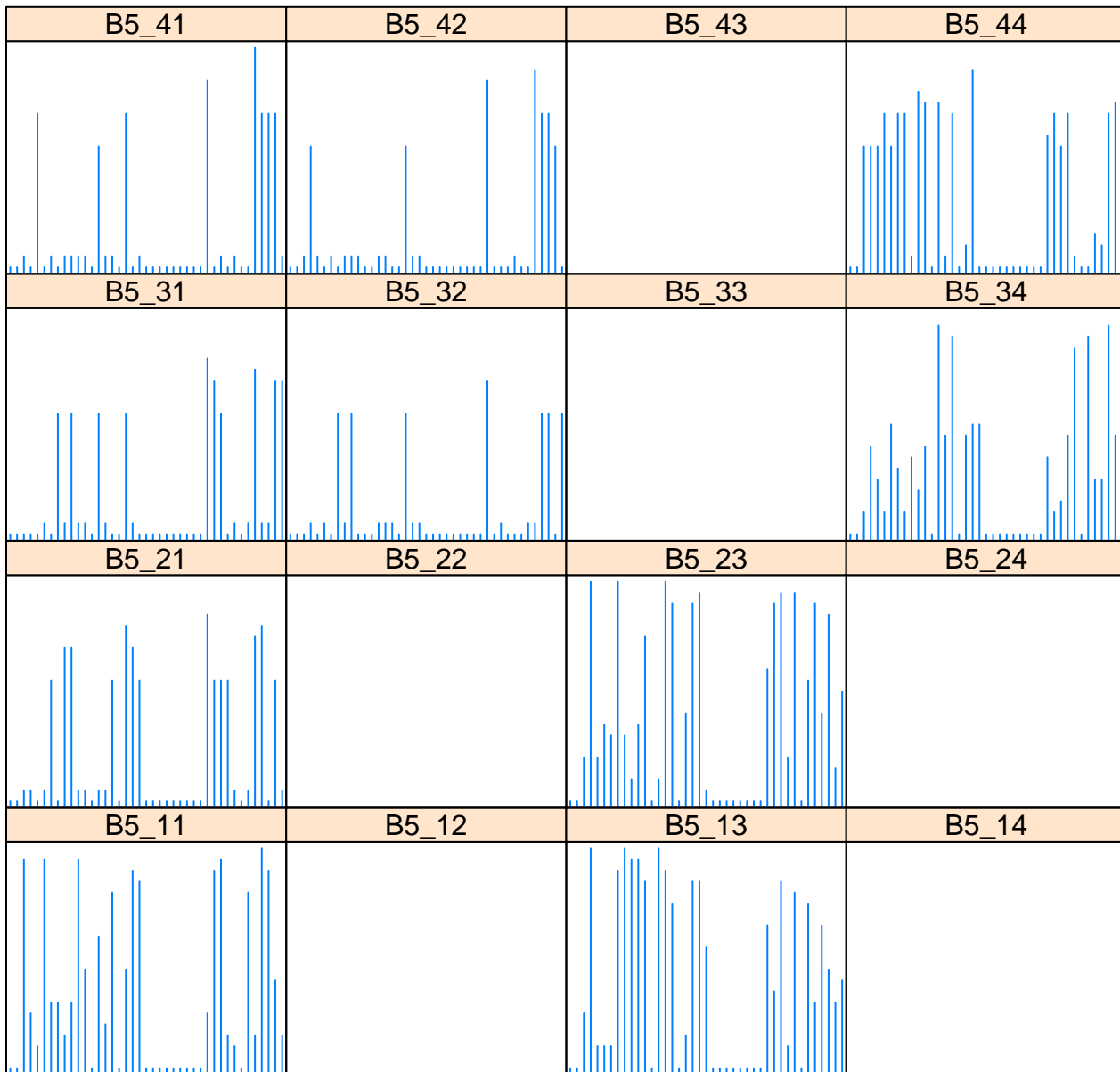


time



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

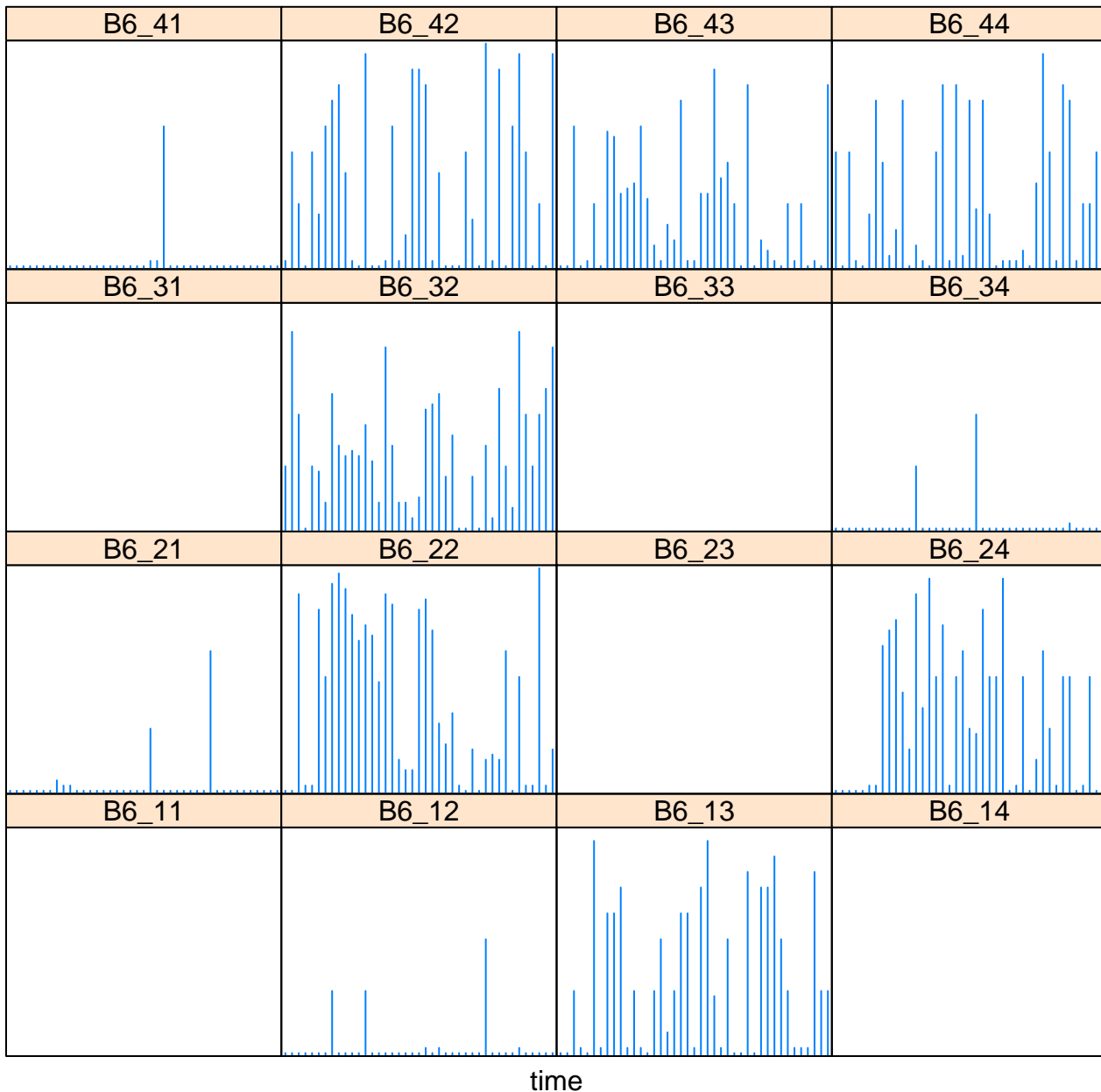
meanfiringrate



time

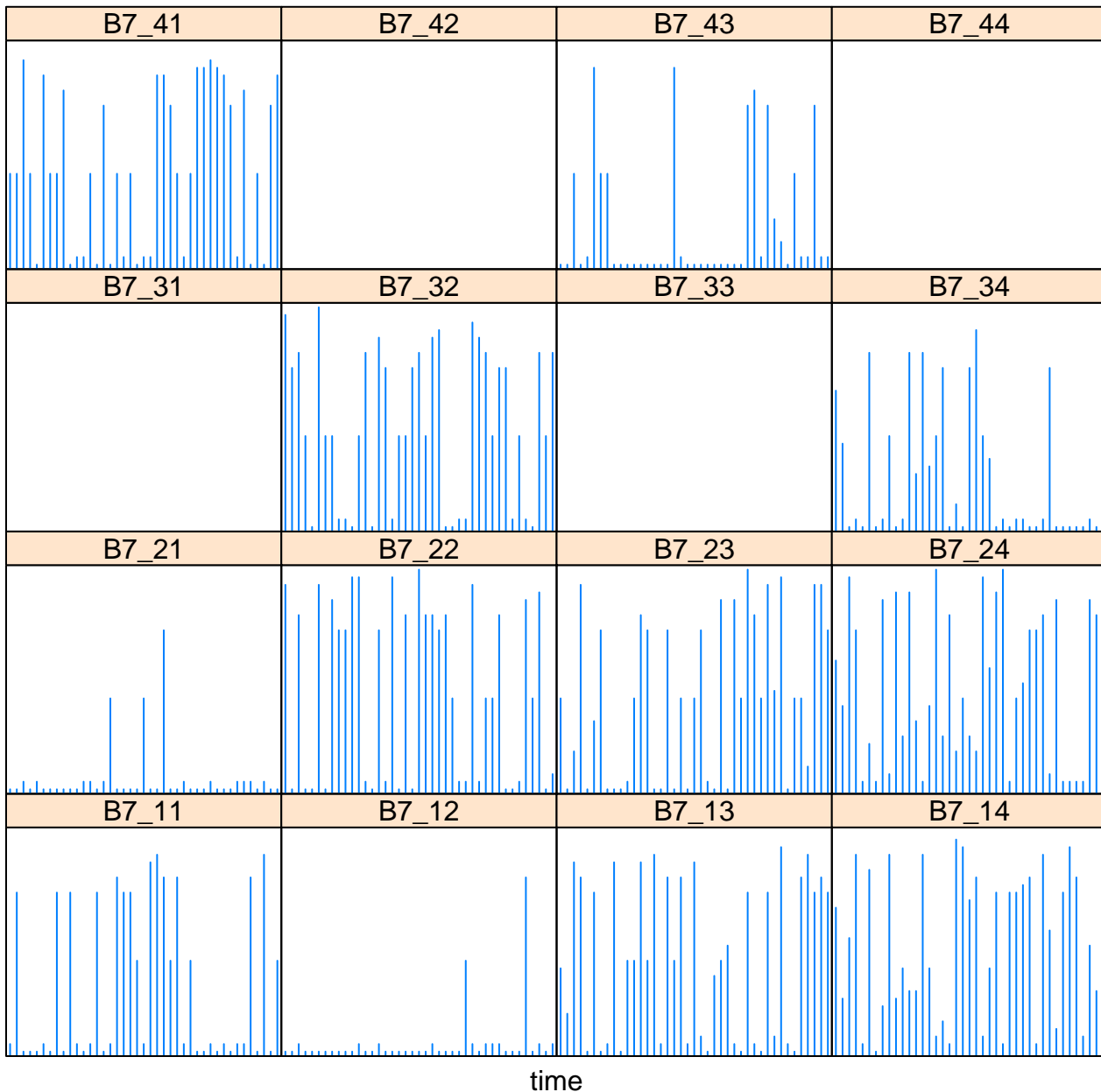
# Mean Firing Rate per Second for Well B6. Maximum firing rate:9 Hz

meanfiringrate



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

meanfiringrate



**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:9 Hz

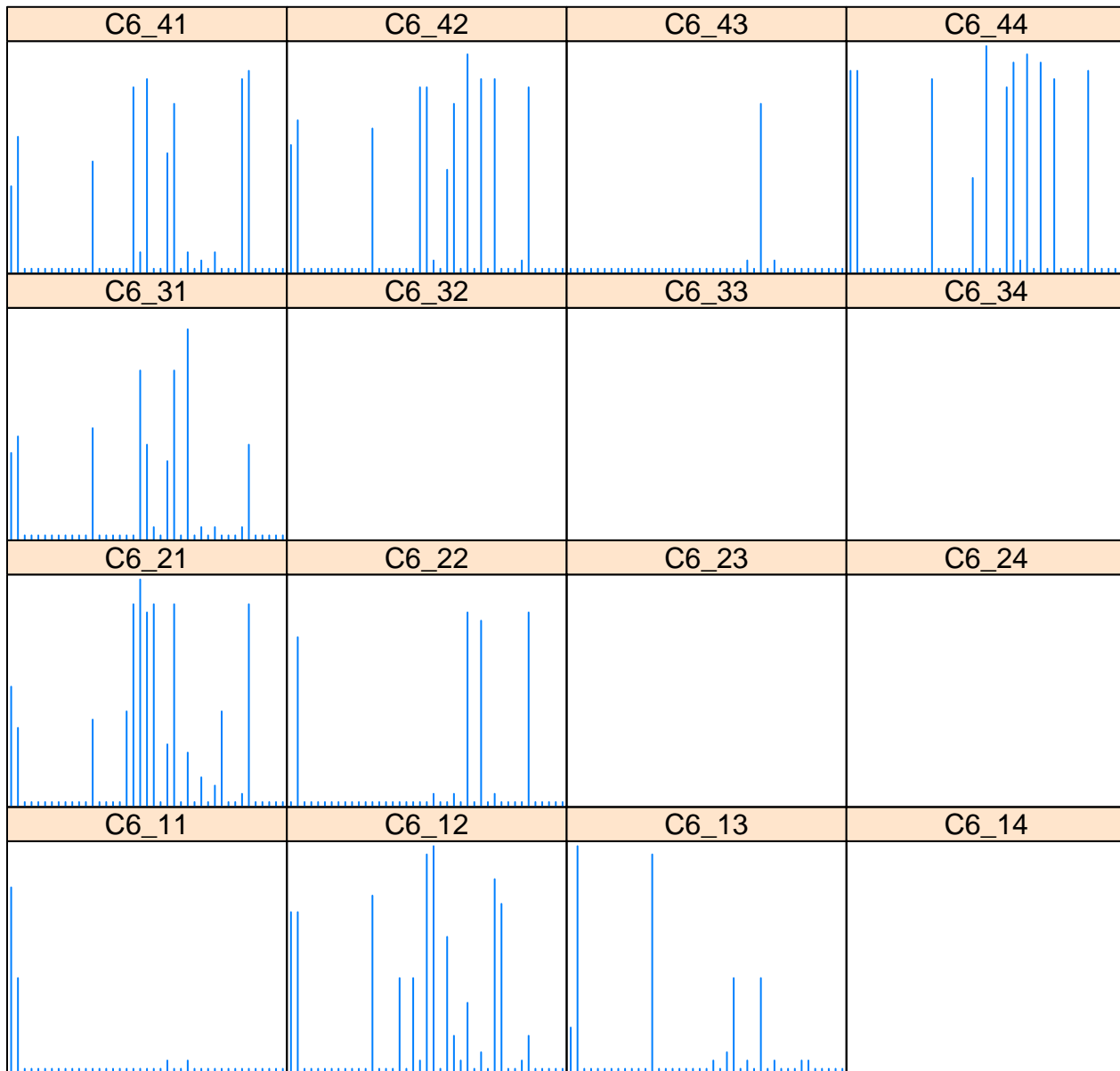
meanfiringrate



time

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

meanfiringrate



time

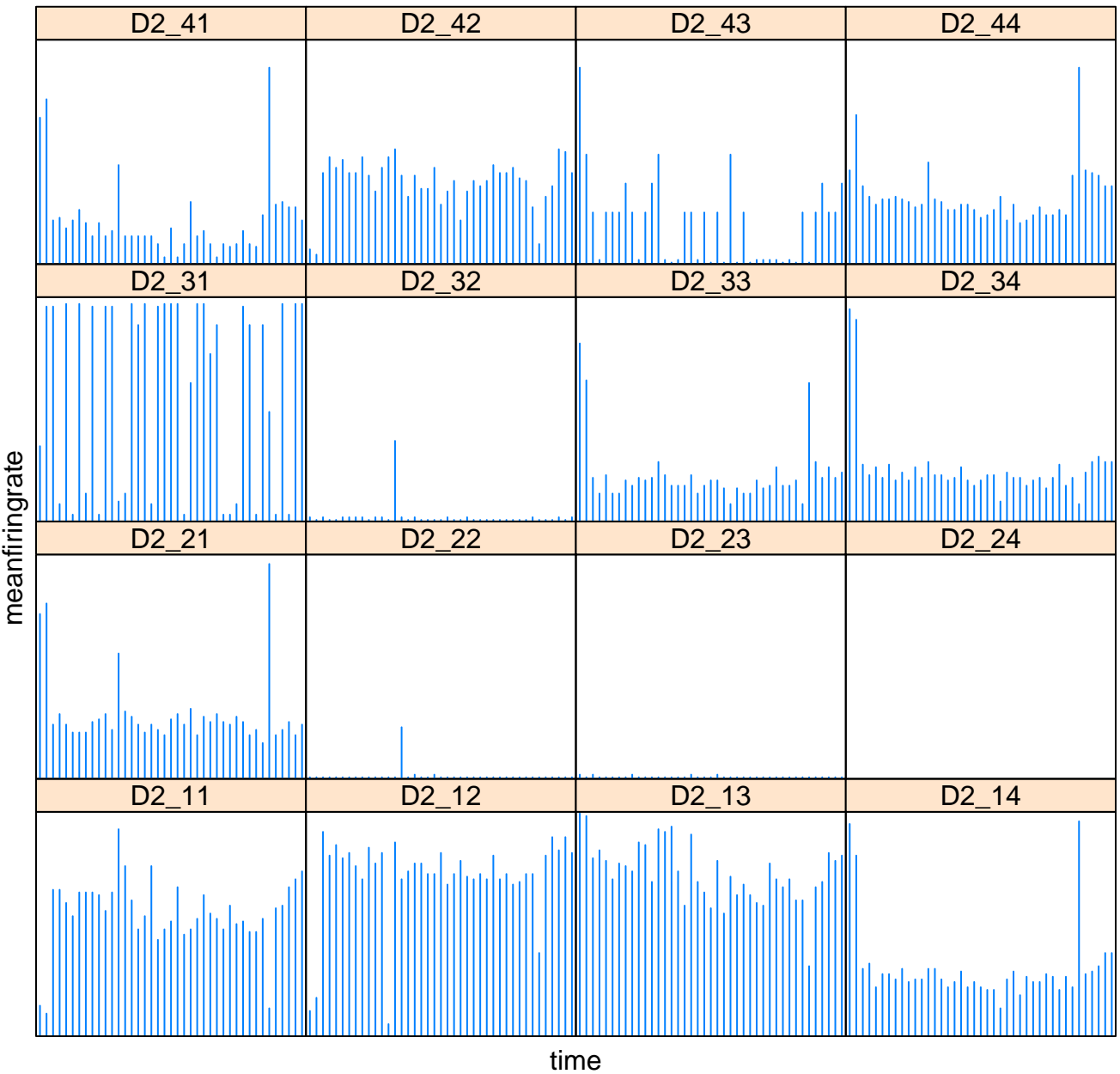
**Mean Firing Rate per Second for Well C7. Maximum firing rate:9 Hz**

meanfiringrate



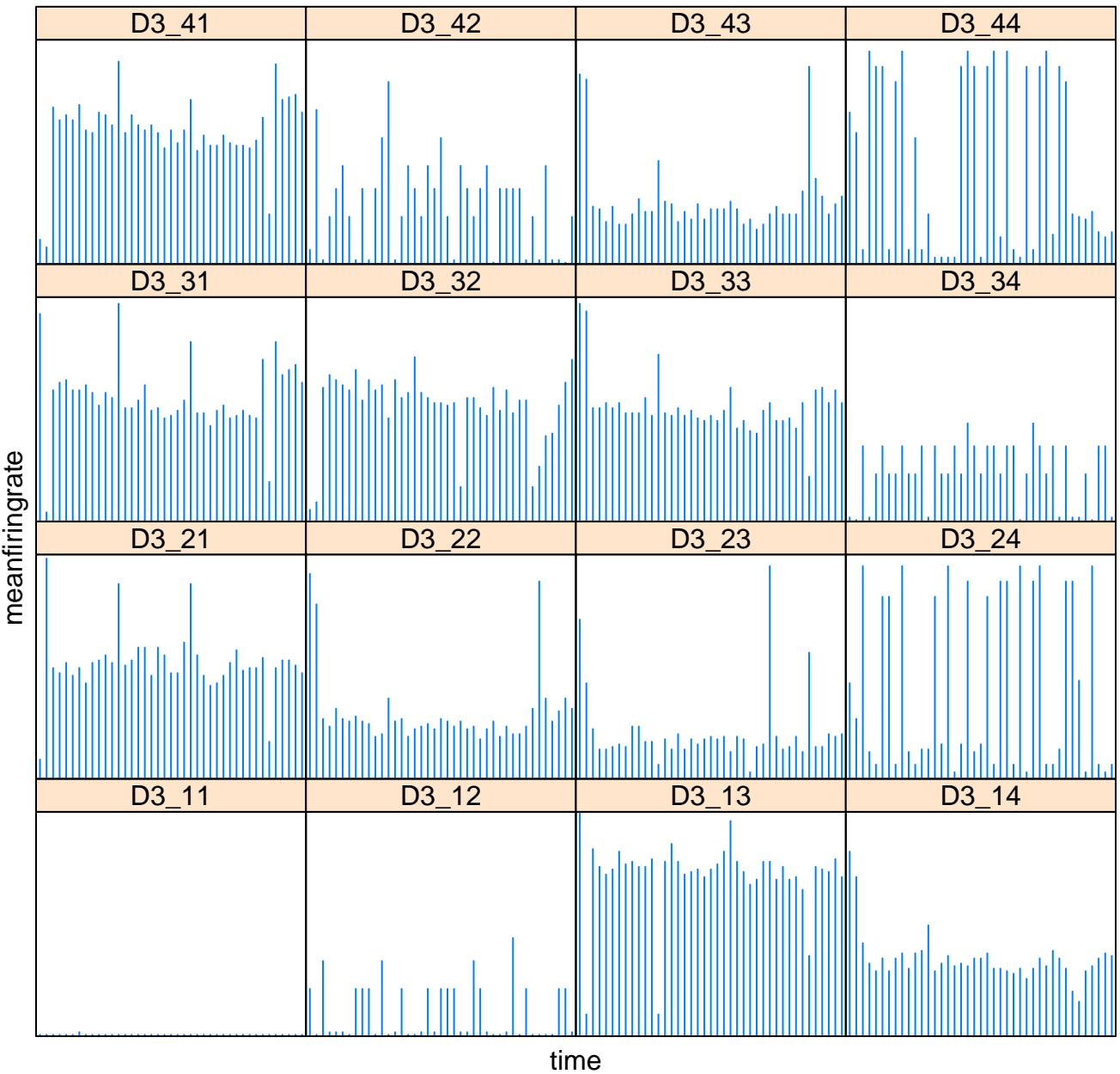
time

Mean Firing Rate per Second for Well D2. Maximum firing rate:97 Hz



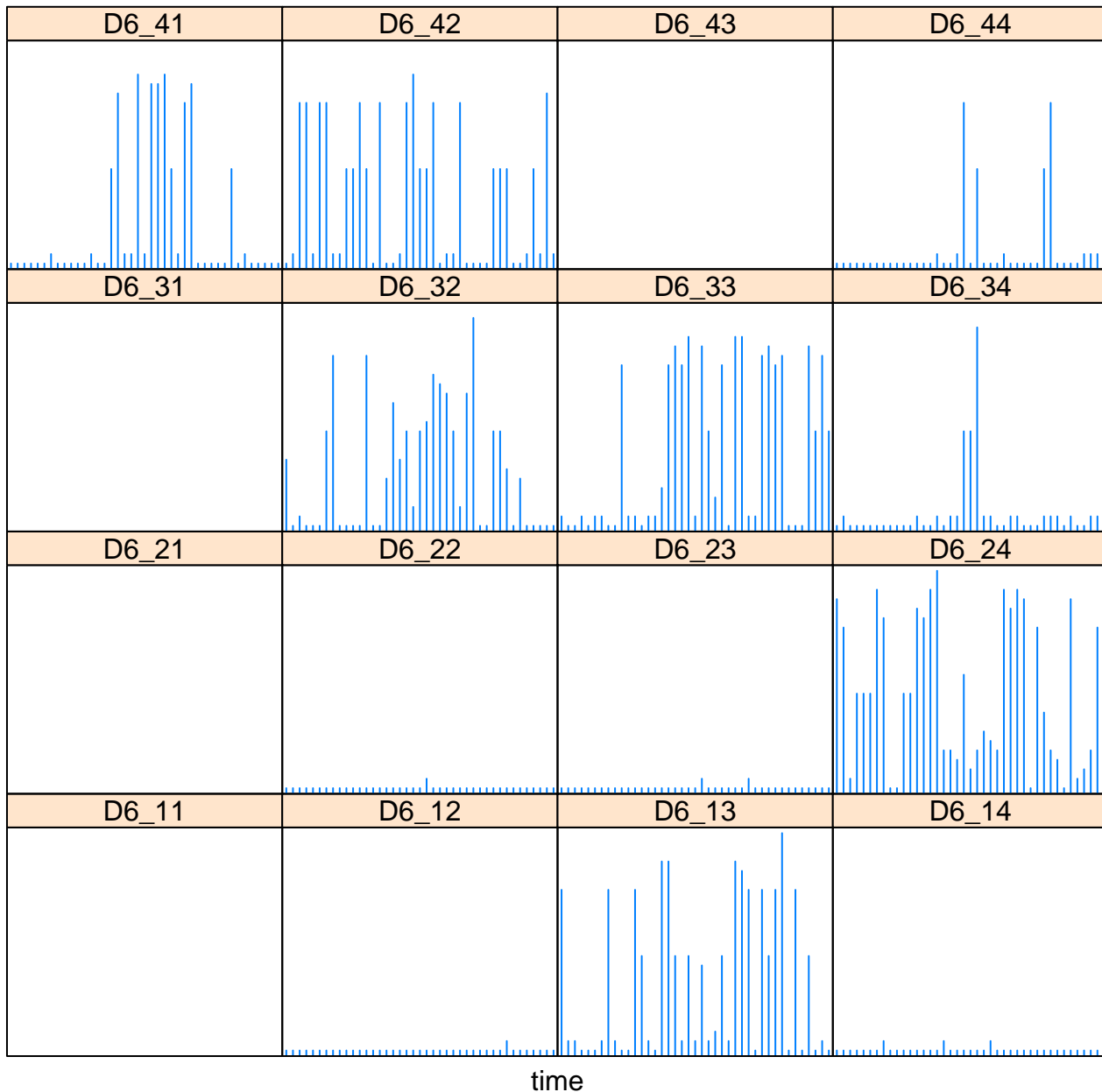


**Mean Firing Rate per Second for Well D3. Maximum firing rate:97 Hz**



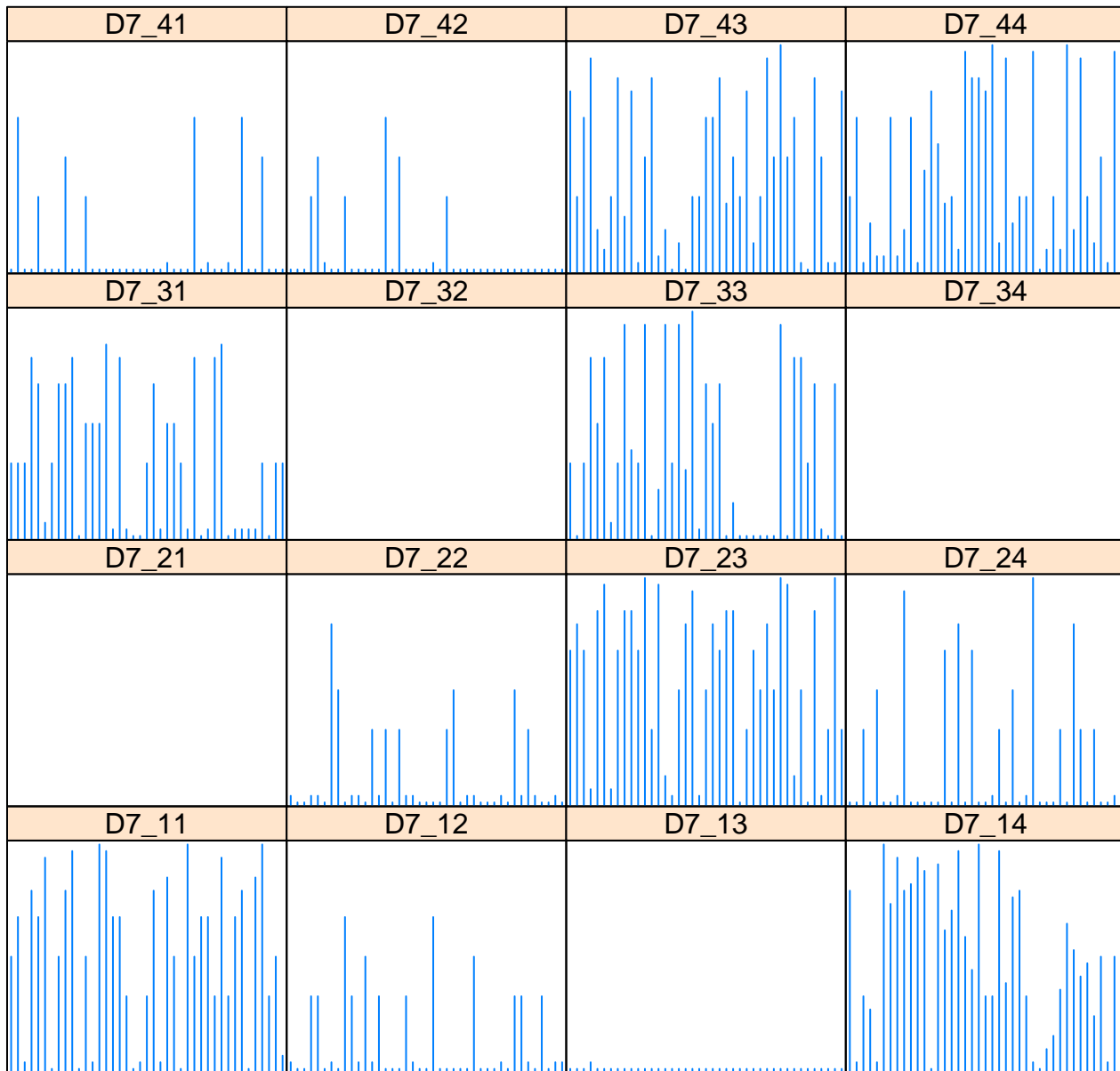
# Mean Firing Rate per Second for Well D6. Maximum firing rate:9 Hz

meanfiringrate



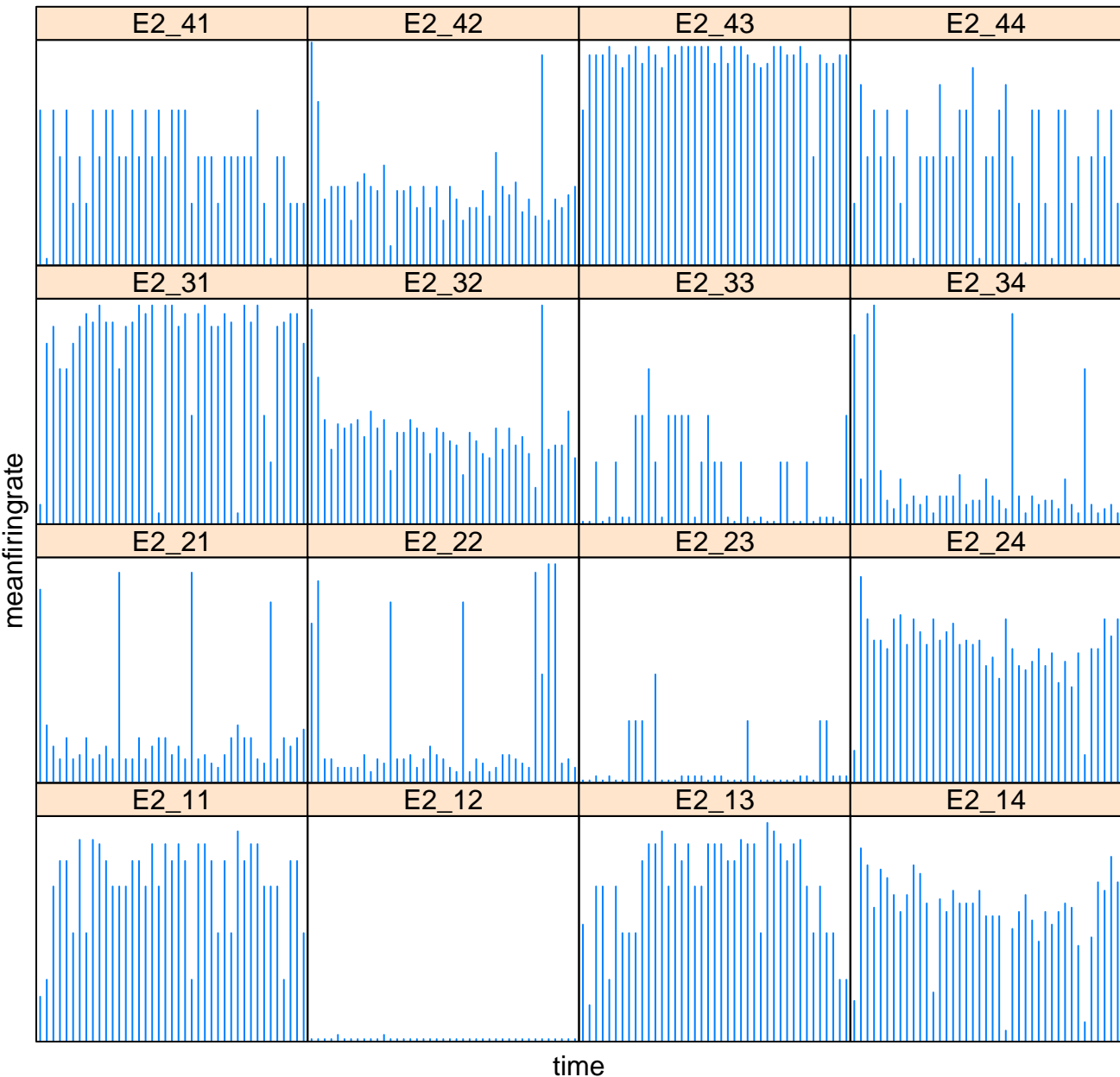
# Mean Firing Rate per Second for Well D7. Maximum firing rate:9 Hz

meanfiringrate

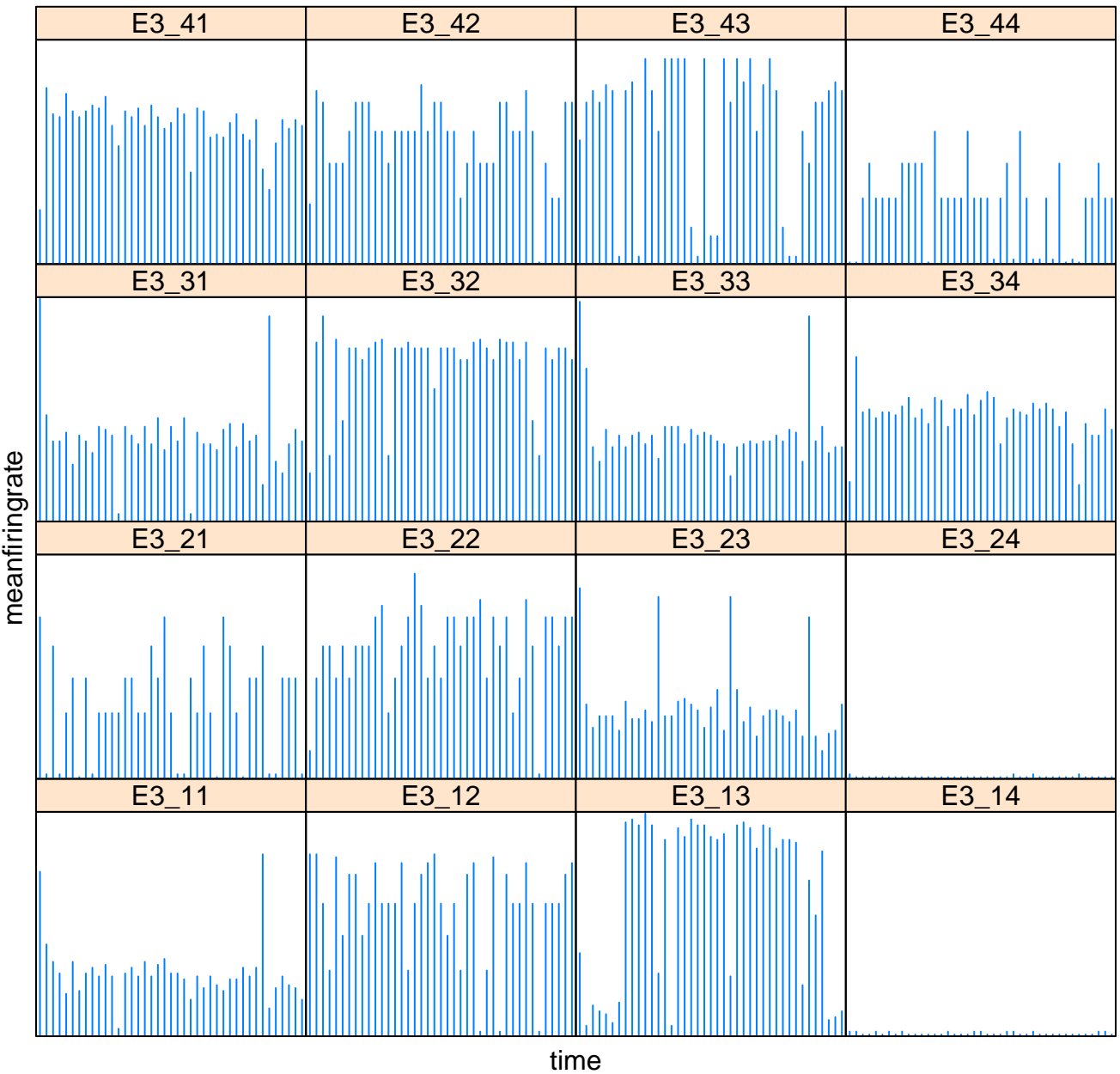


time

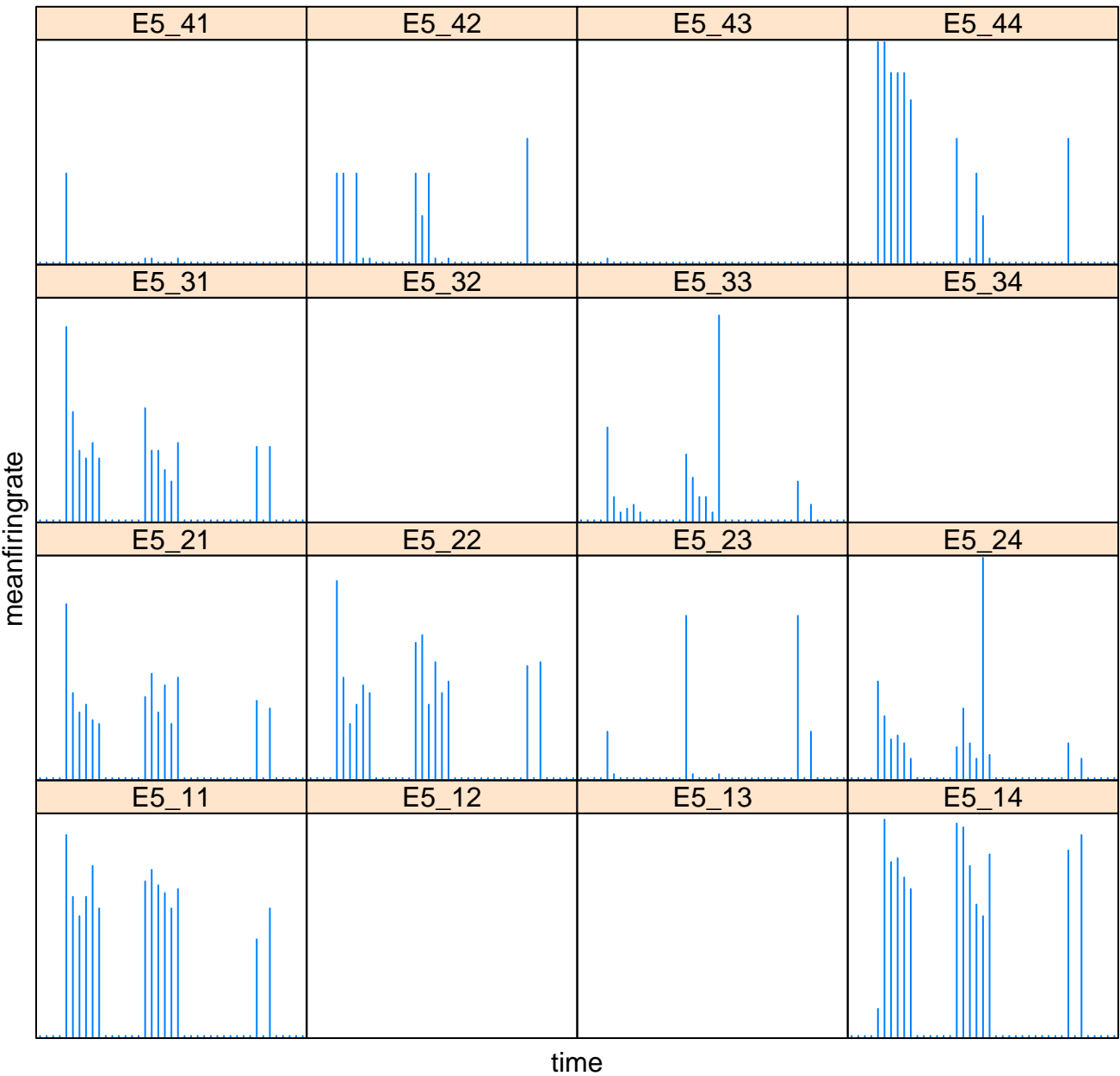
**Mean Firing Rate per Second for Well E2. Maximum firing rate:94 Hz**



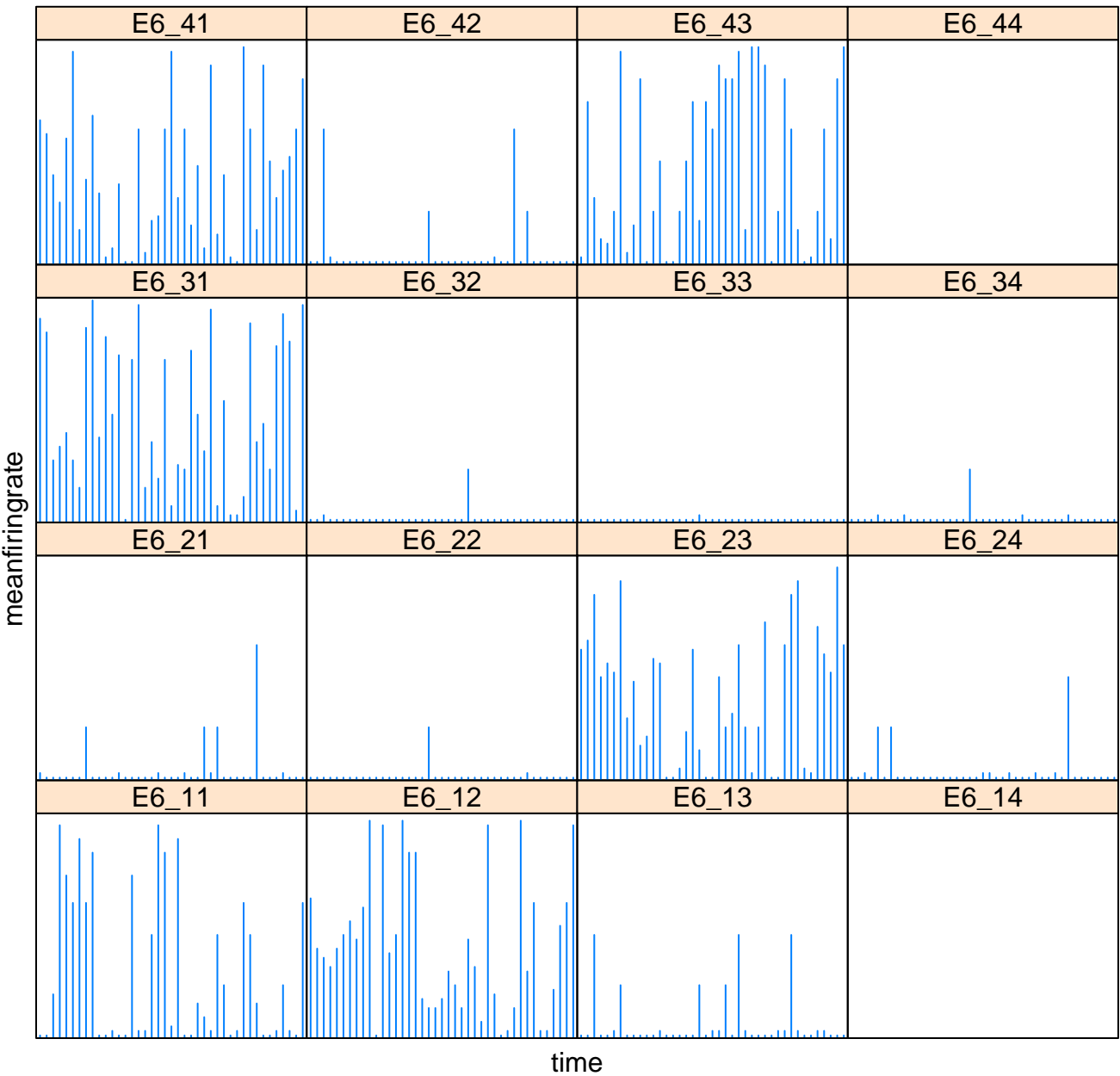
**Mean Firing Rate per Second for Well E3. Maximum firing rate:99 Hz**



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

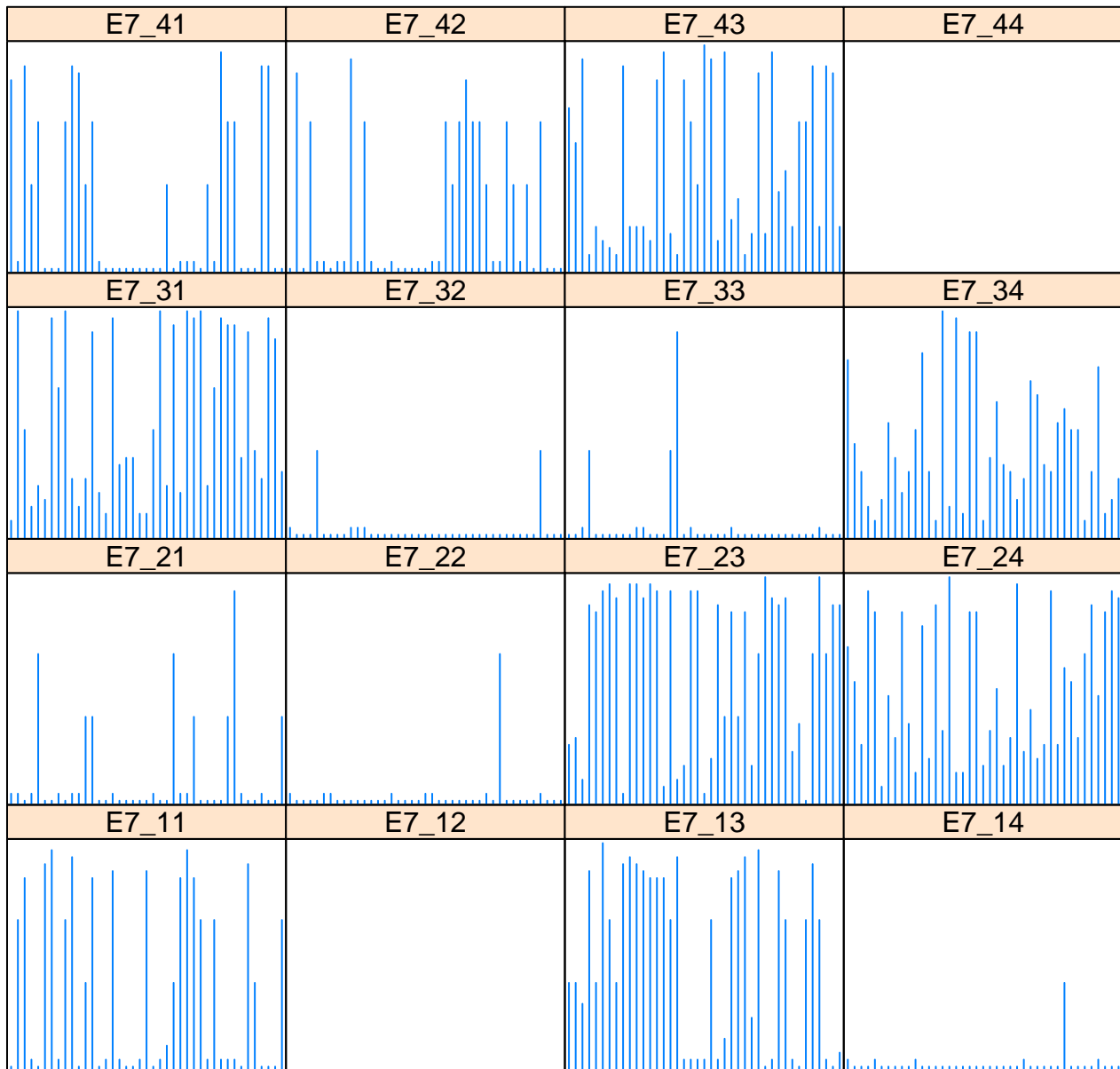


**Mean Firing Rate per Second for Well E6. Maximum firing rate:94 Hz**



**Mean Firing Rate per Second for Well E7. Maximum firing rate:9 Hz**

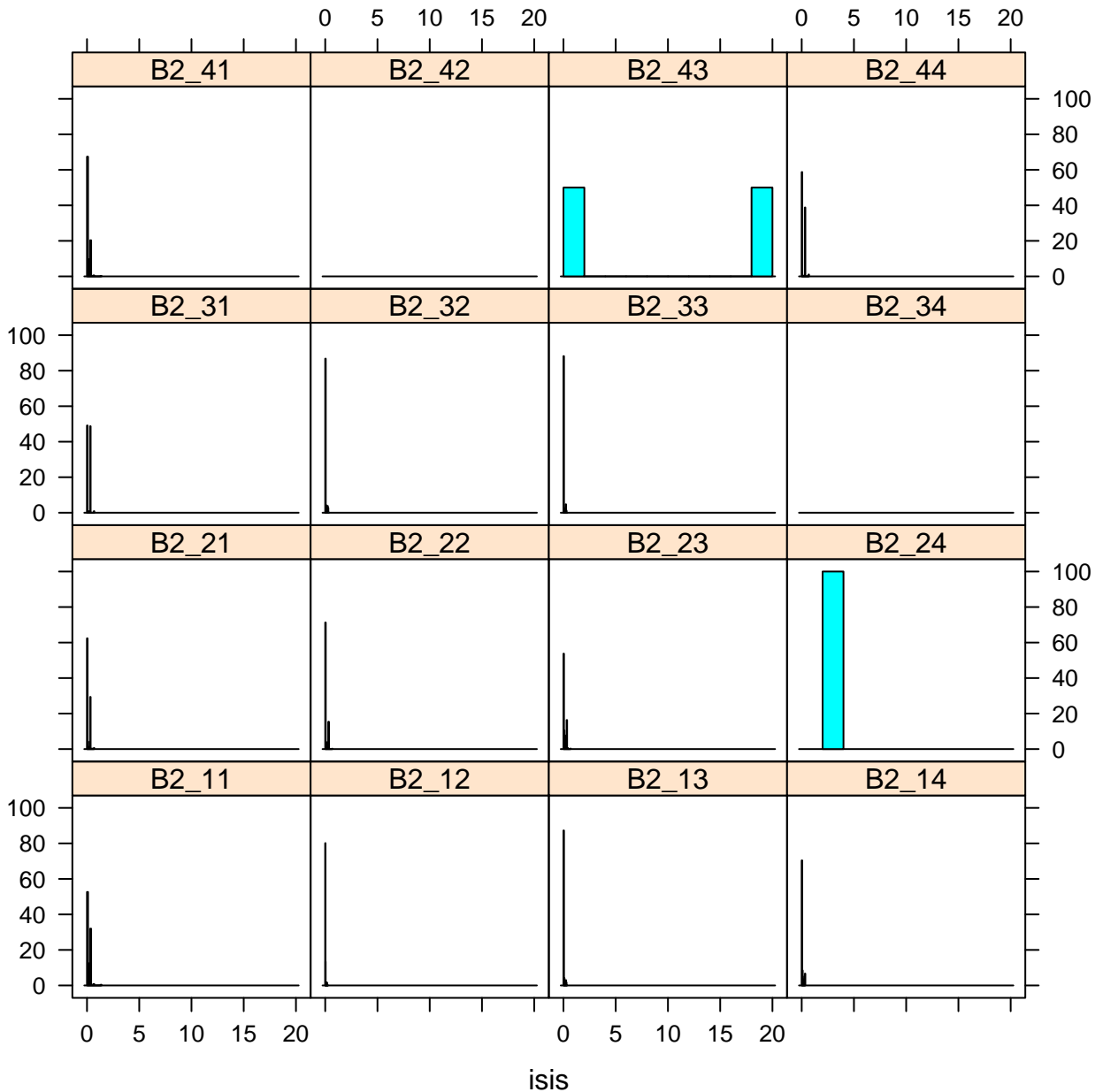
meanfiringrate



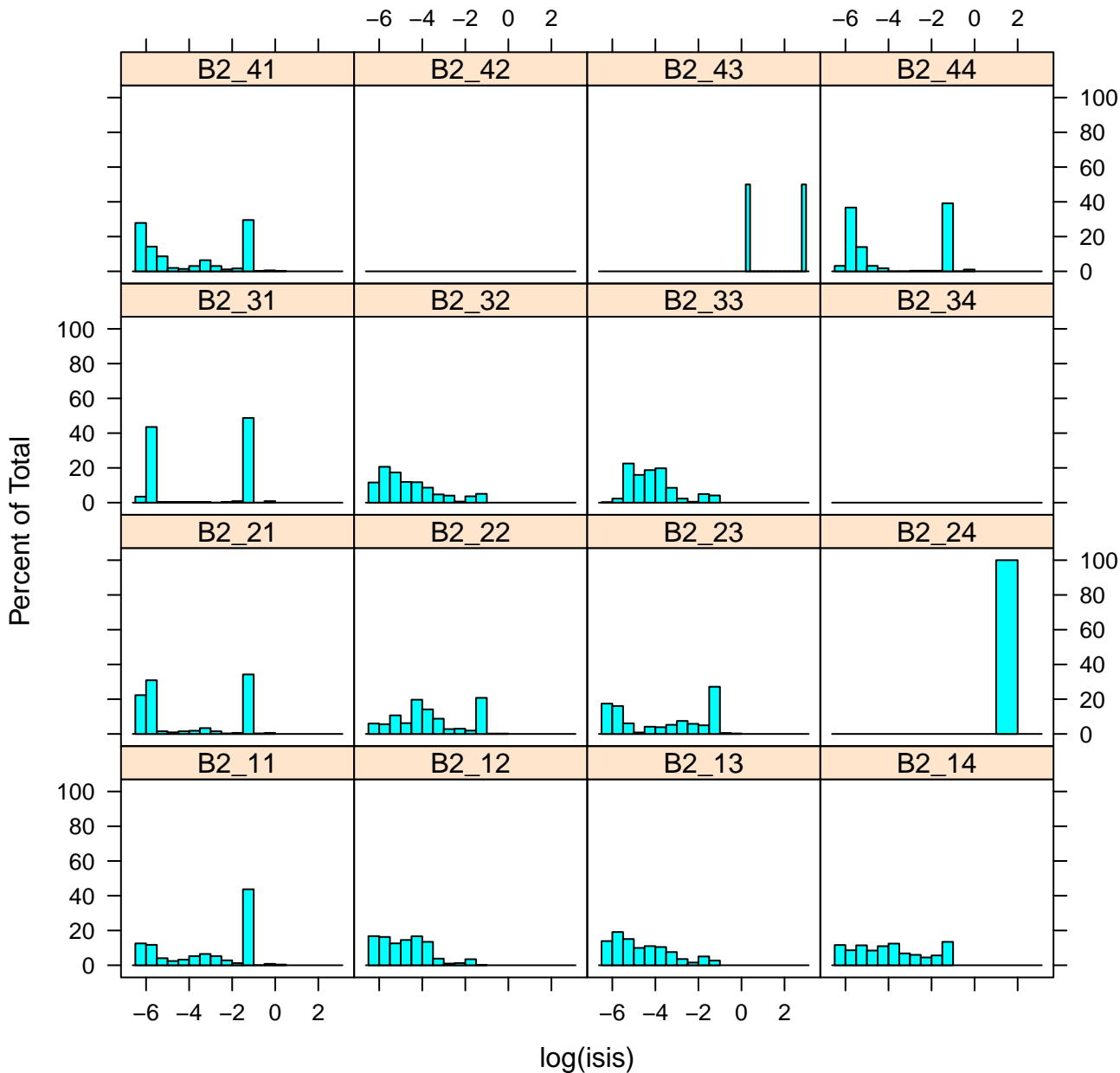
time



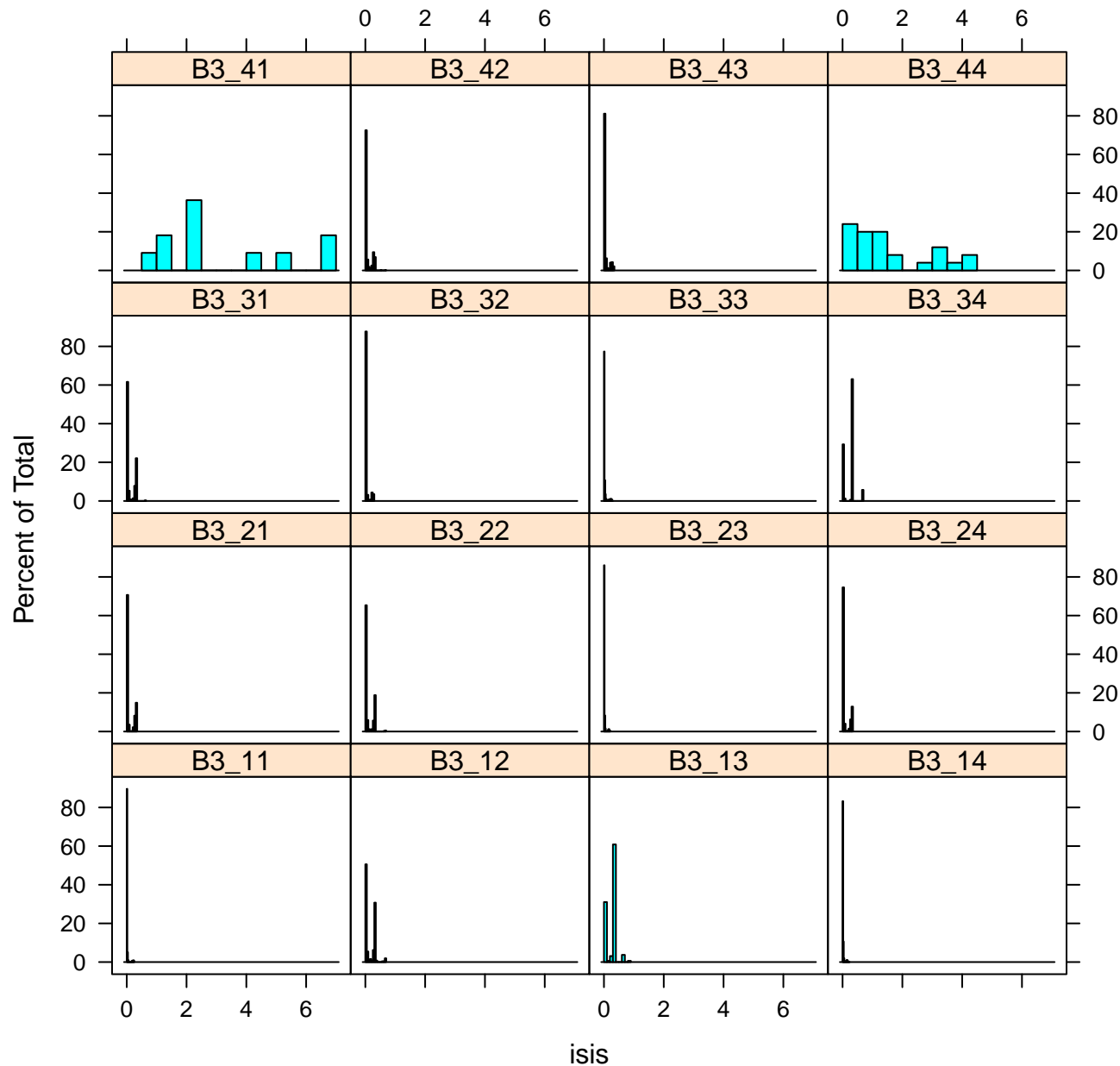
# ISIs histogram plot for B2



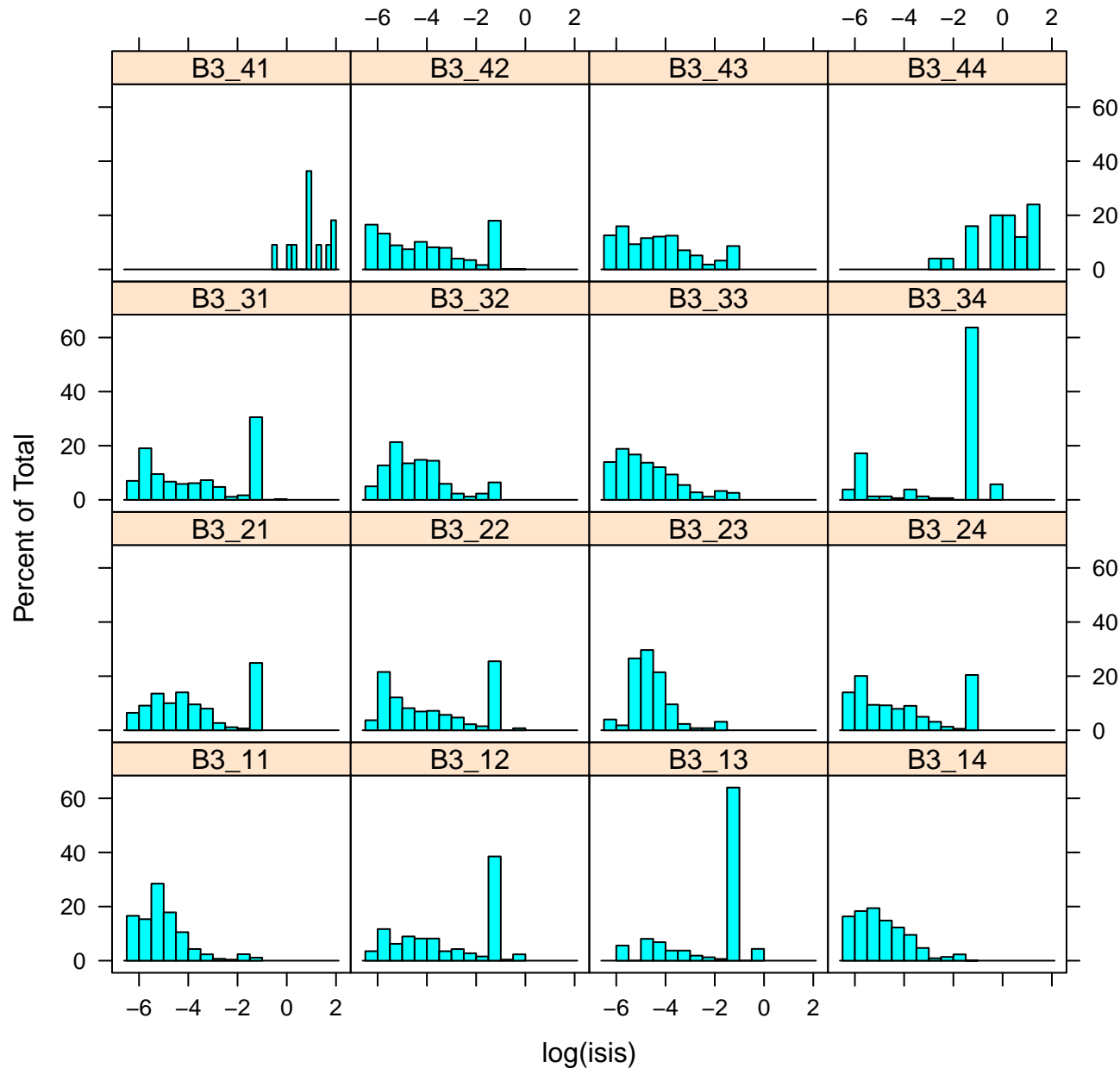
# log(ISIs) histogram plot for B2



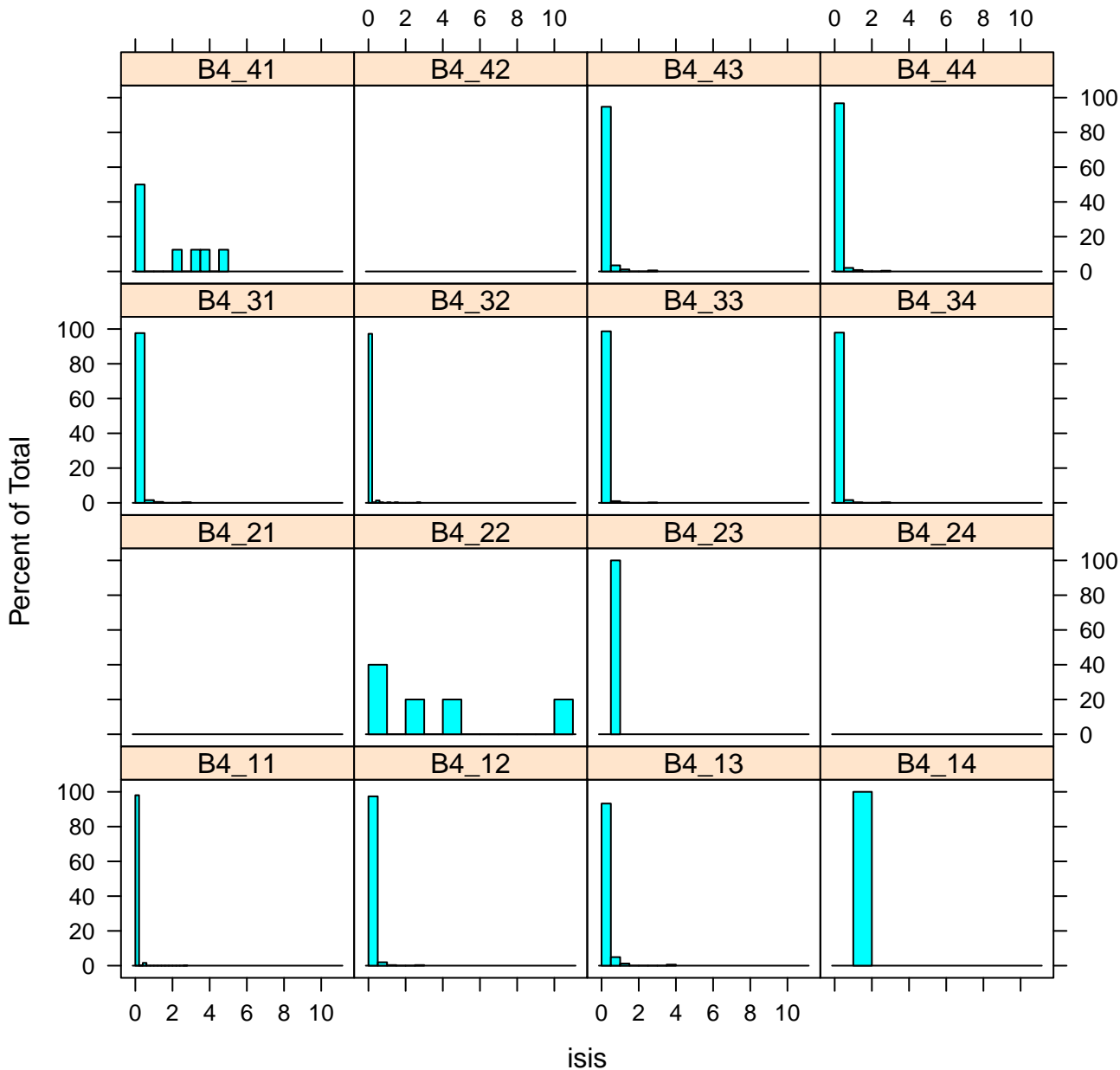
# ISIs histogram plot for B3



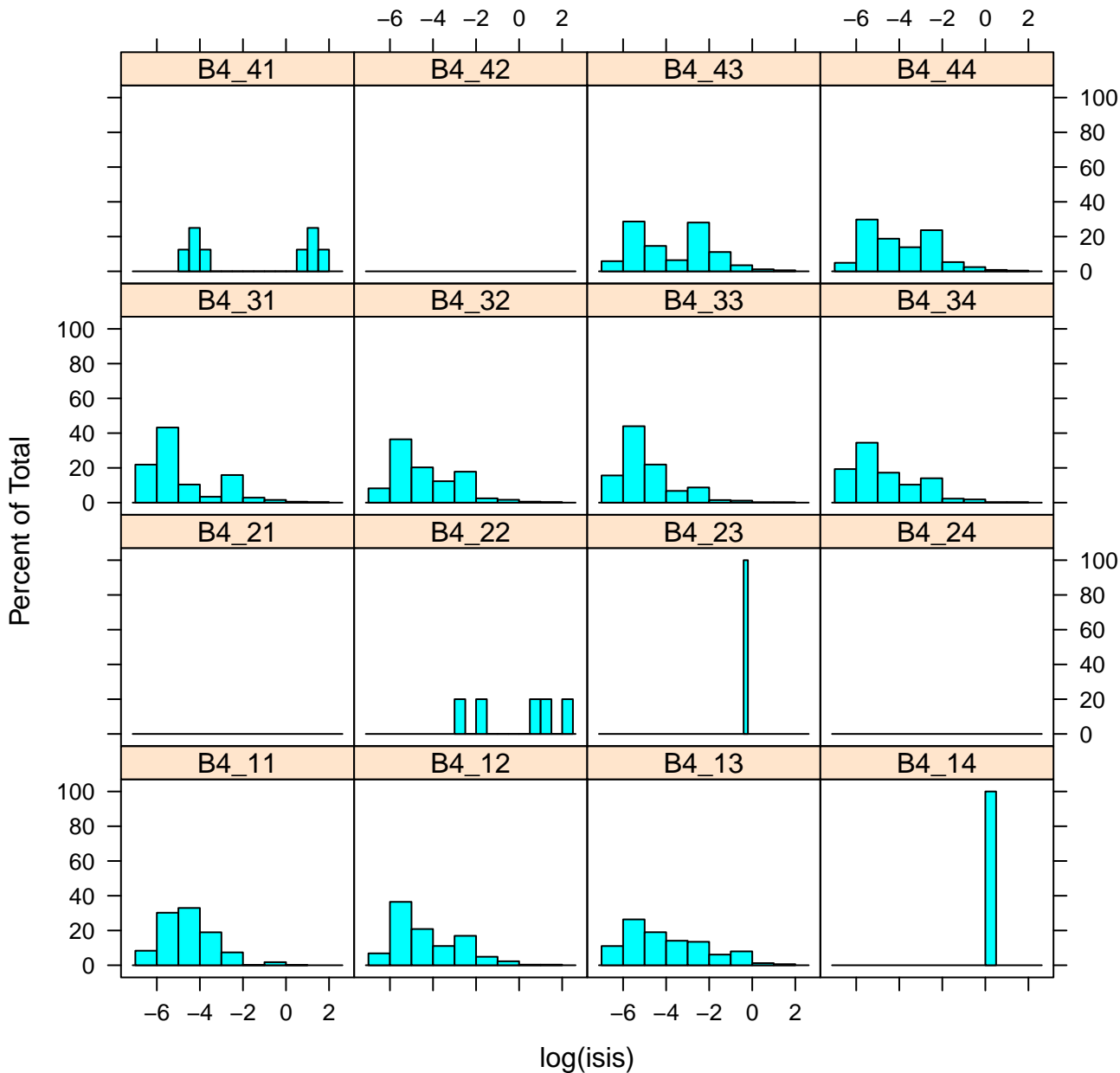
# log(ISIs) histogram plot for B3



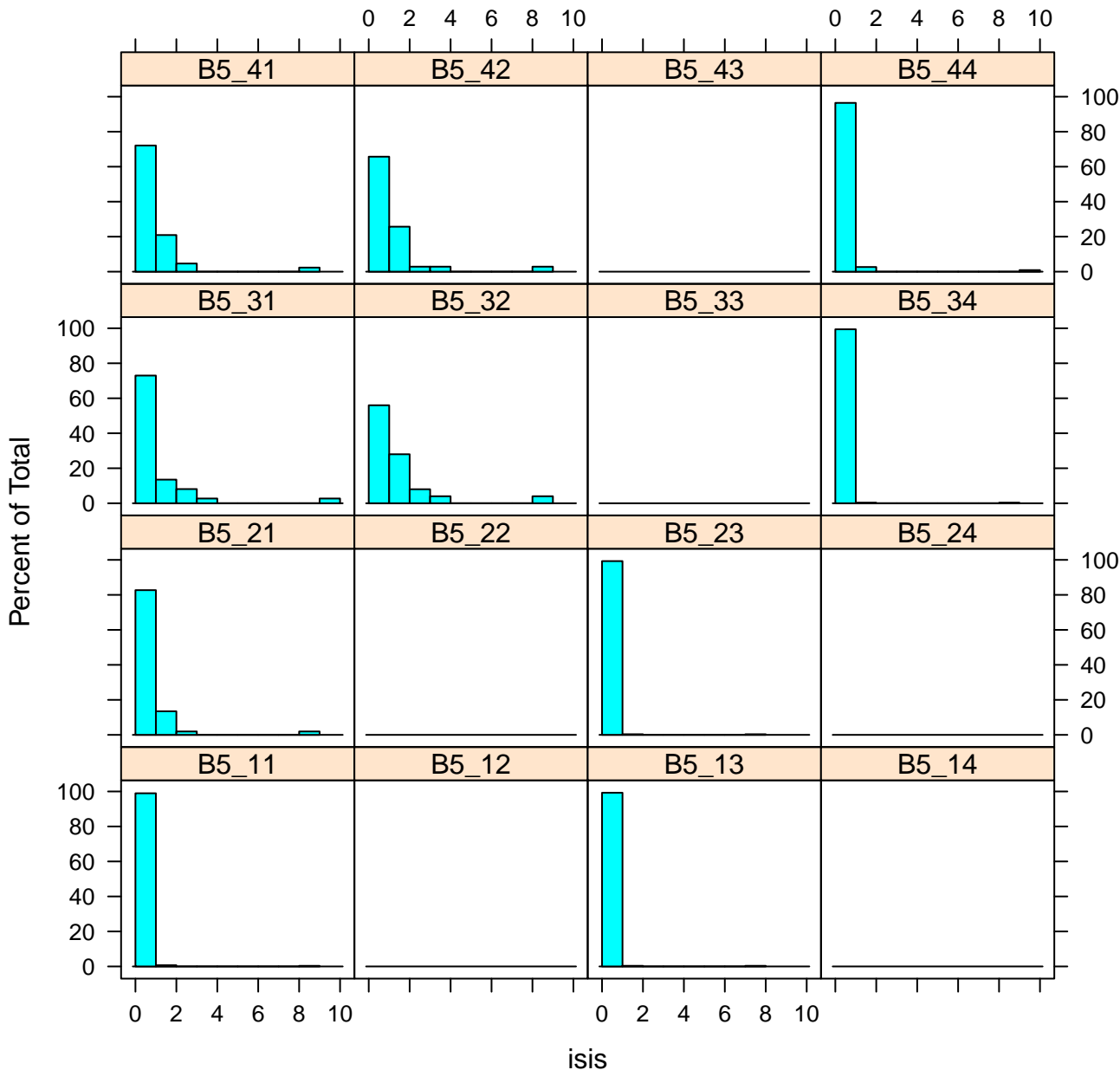
ISIs histogram plot for B4



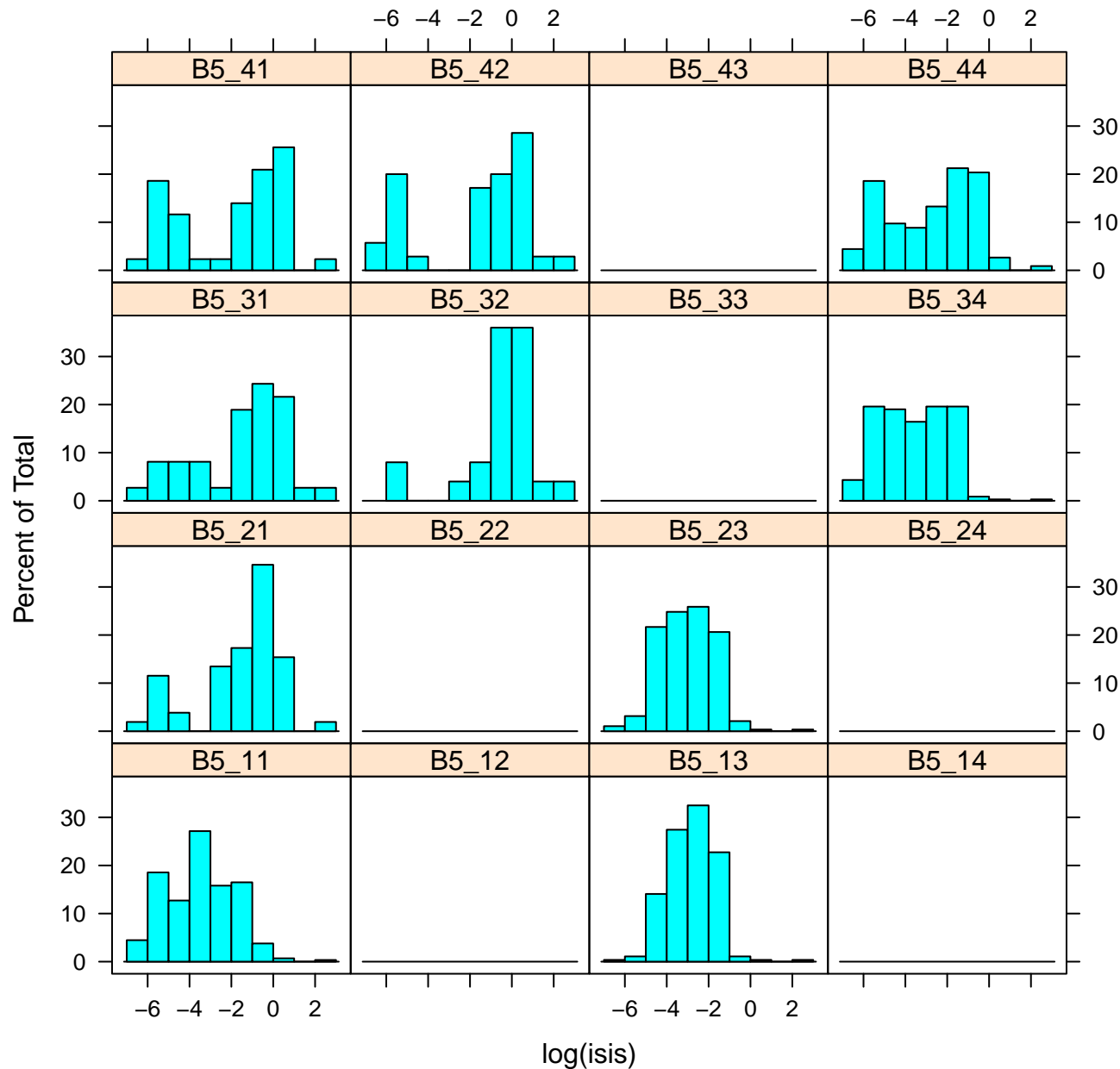
# log(ISIs) histogram plot for B4



# ISIs histogram plot for B5

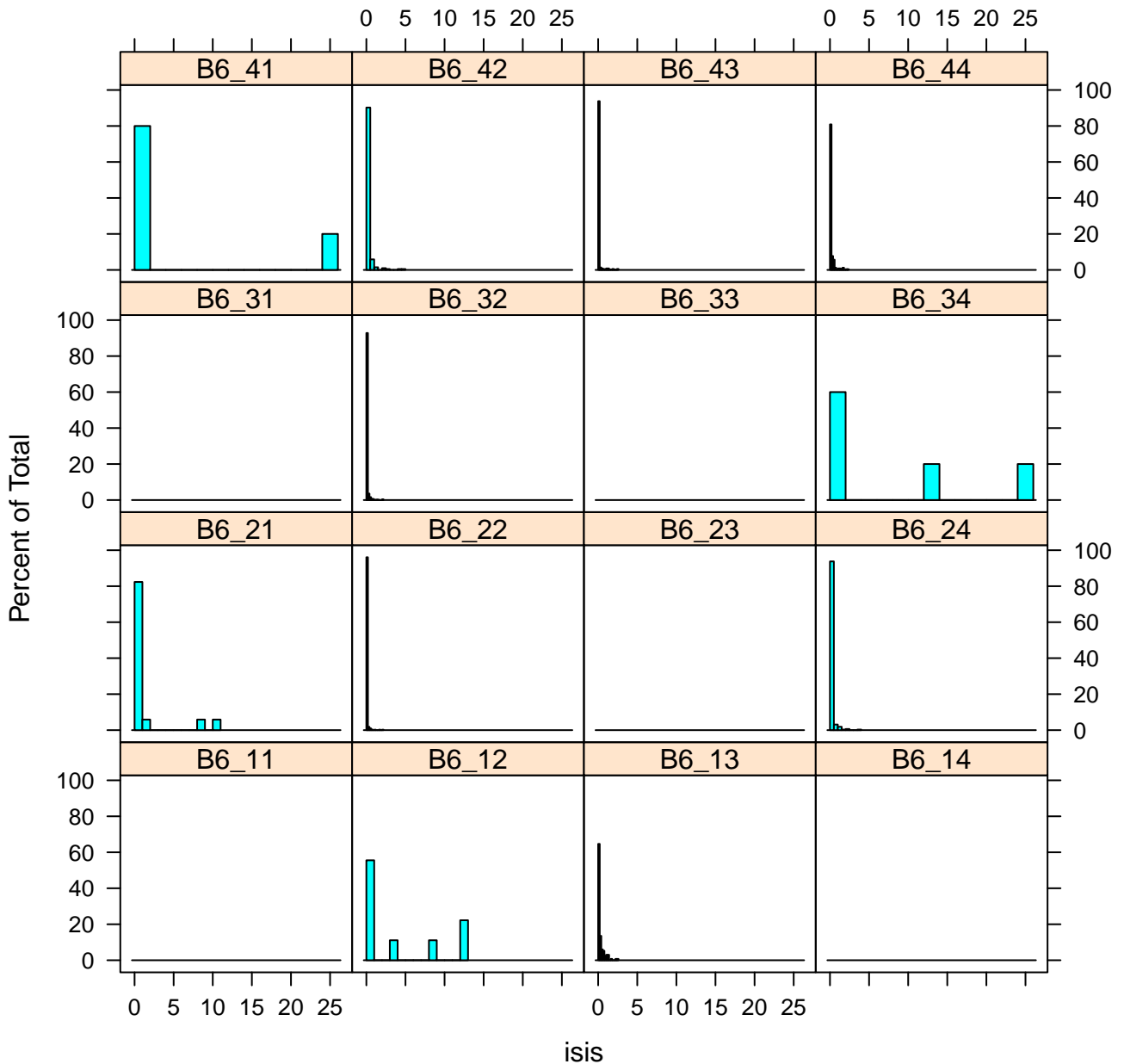


# log(ISIs) histogram plot for B5

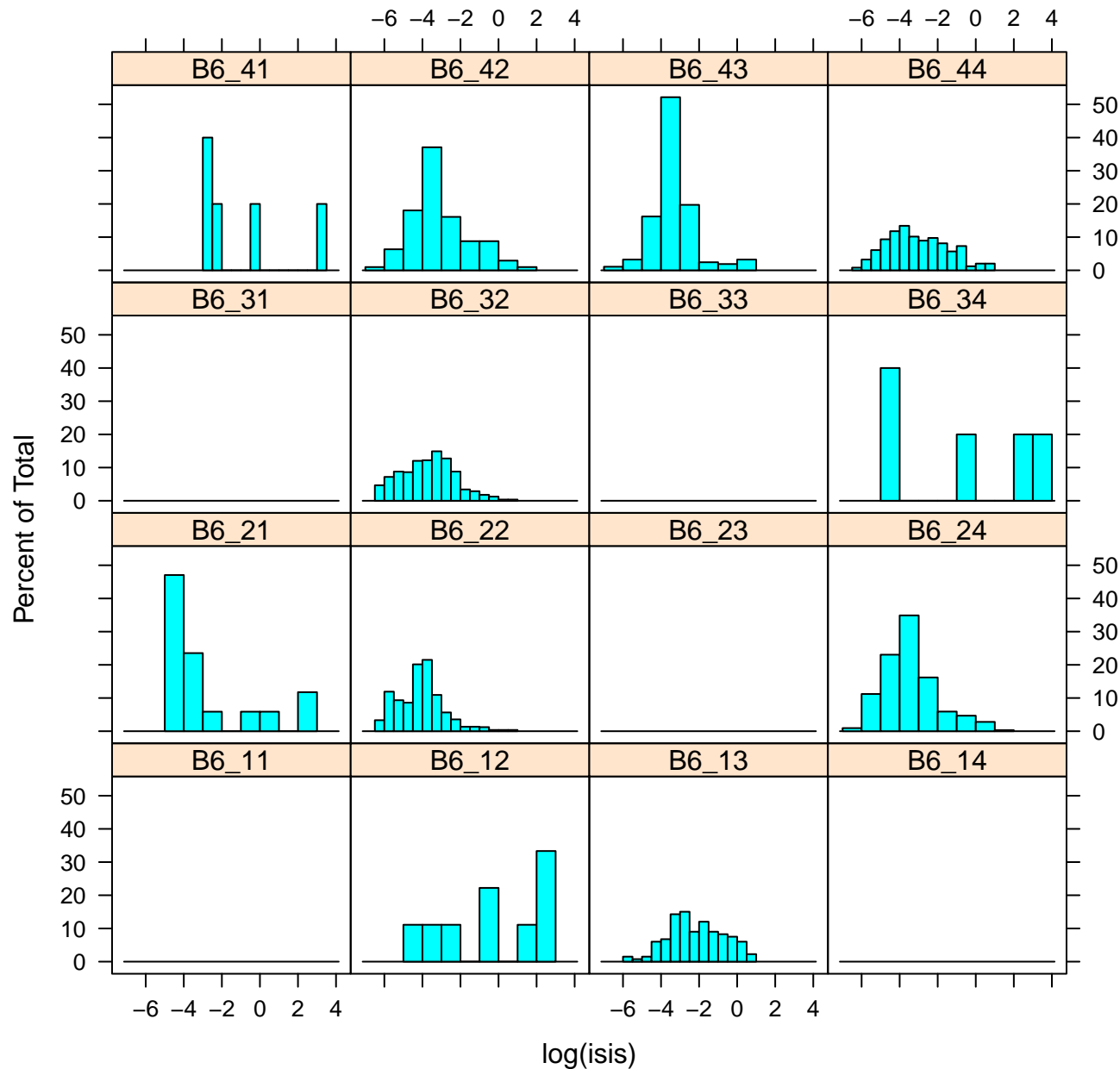




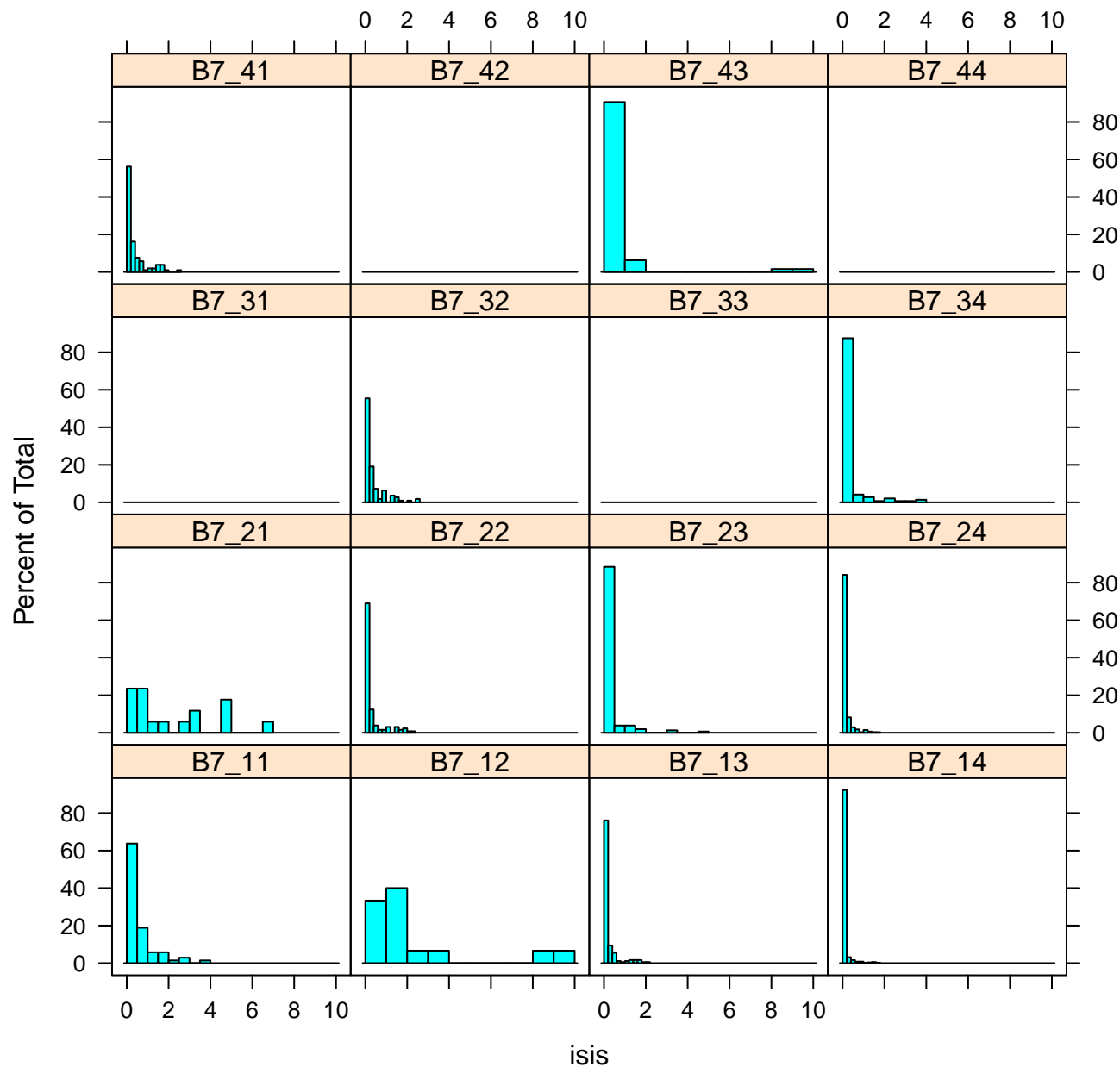
# ISIs histogram plot for B6



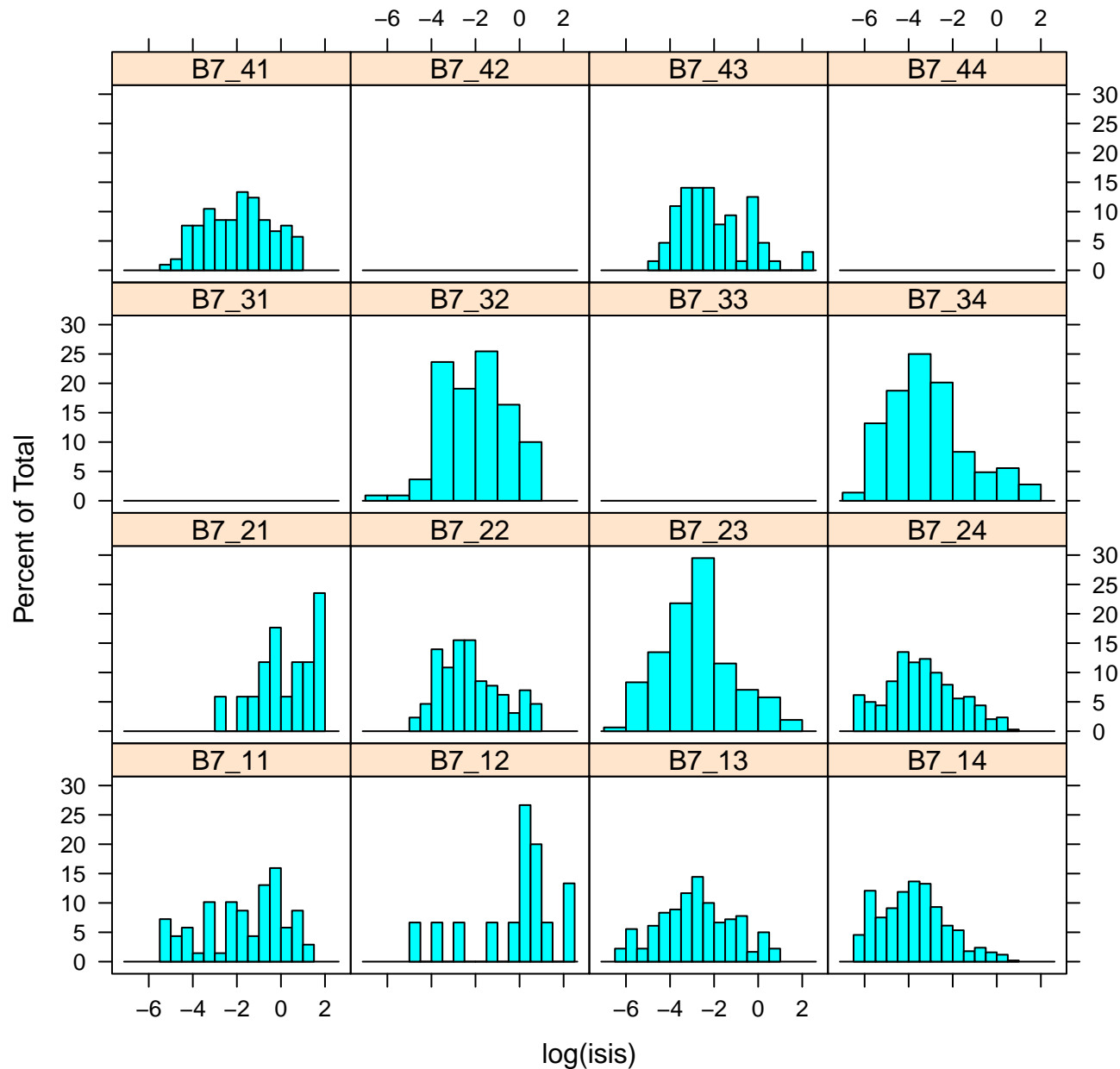
# log(ISIs) histogram plot for B6



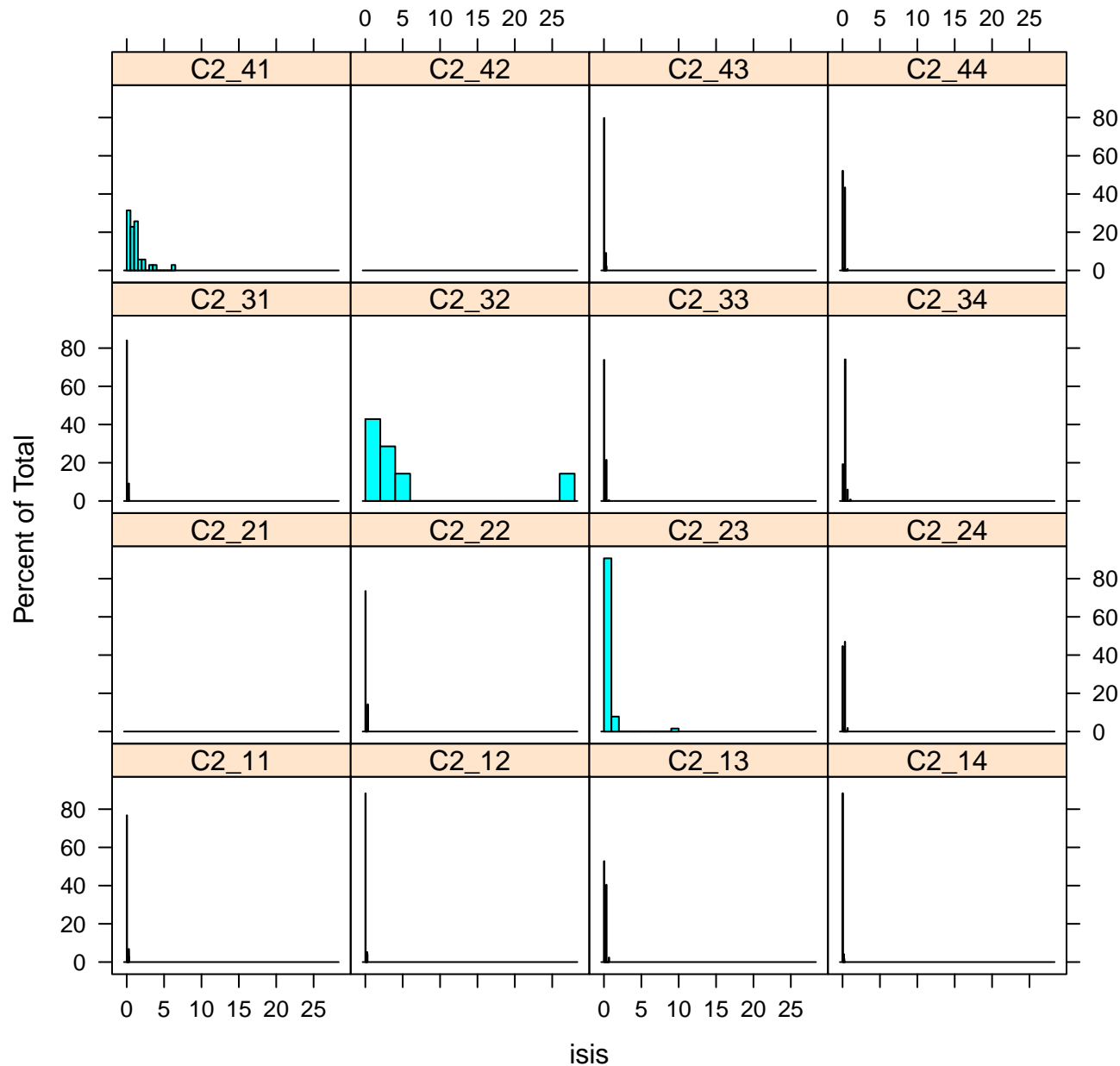
# ISIs histogram plot for B7



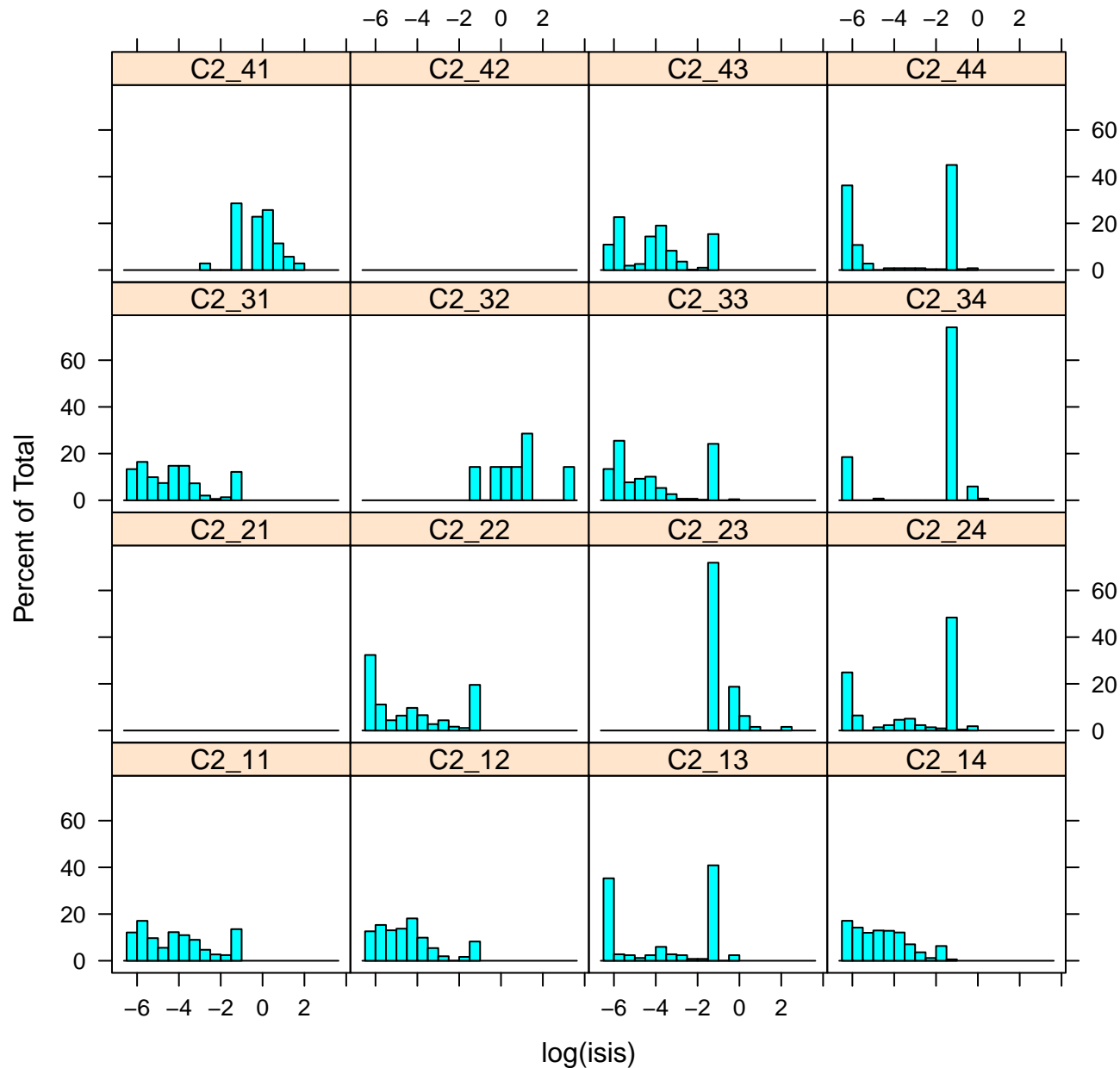
# log(ISIs) histogram plot for B7



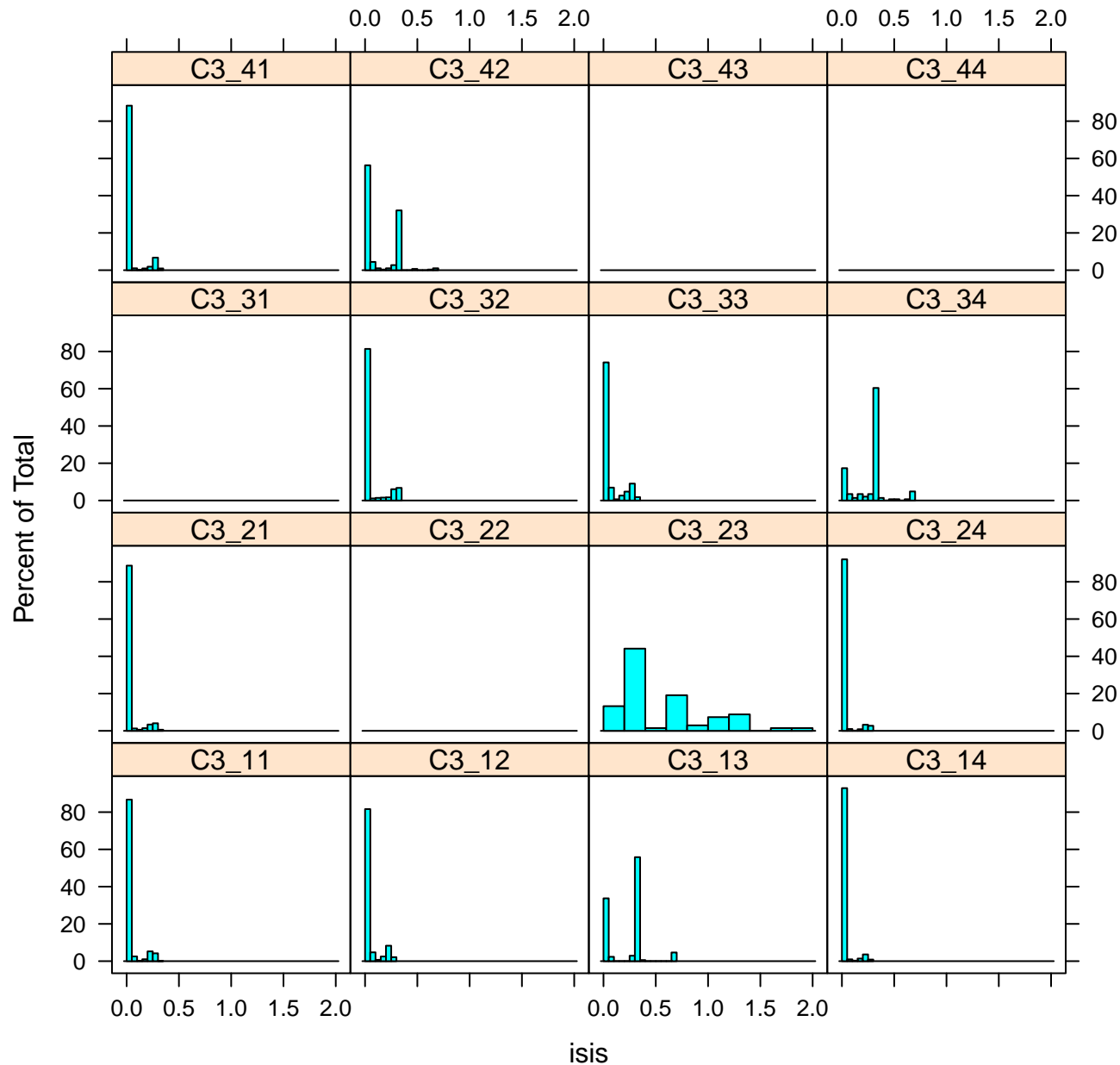
# ISIs histogram plot for C2



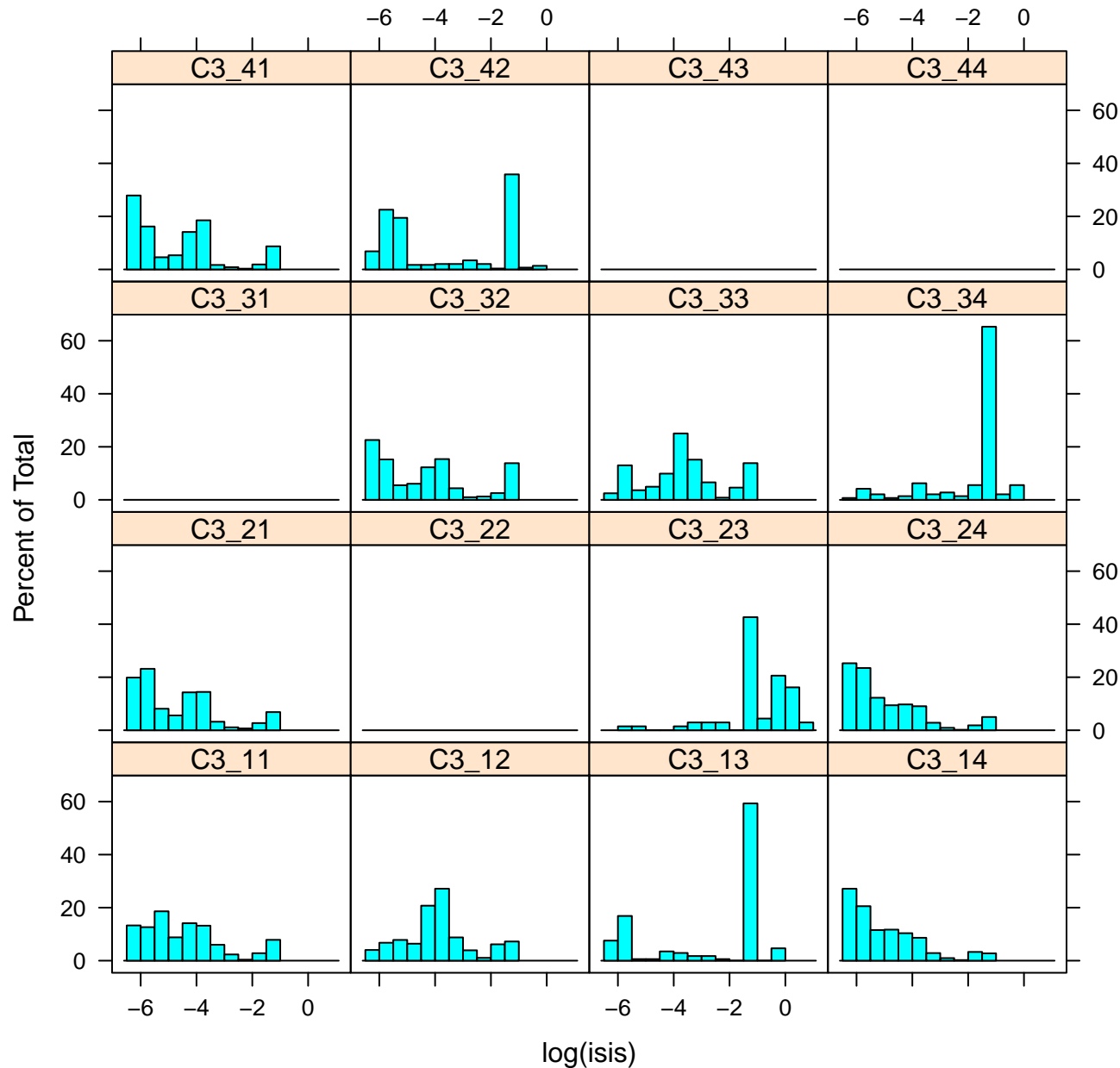
# log(ISIs) histogram plot for C2



# ISIs histogram plot for C3

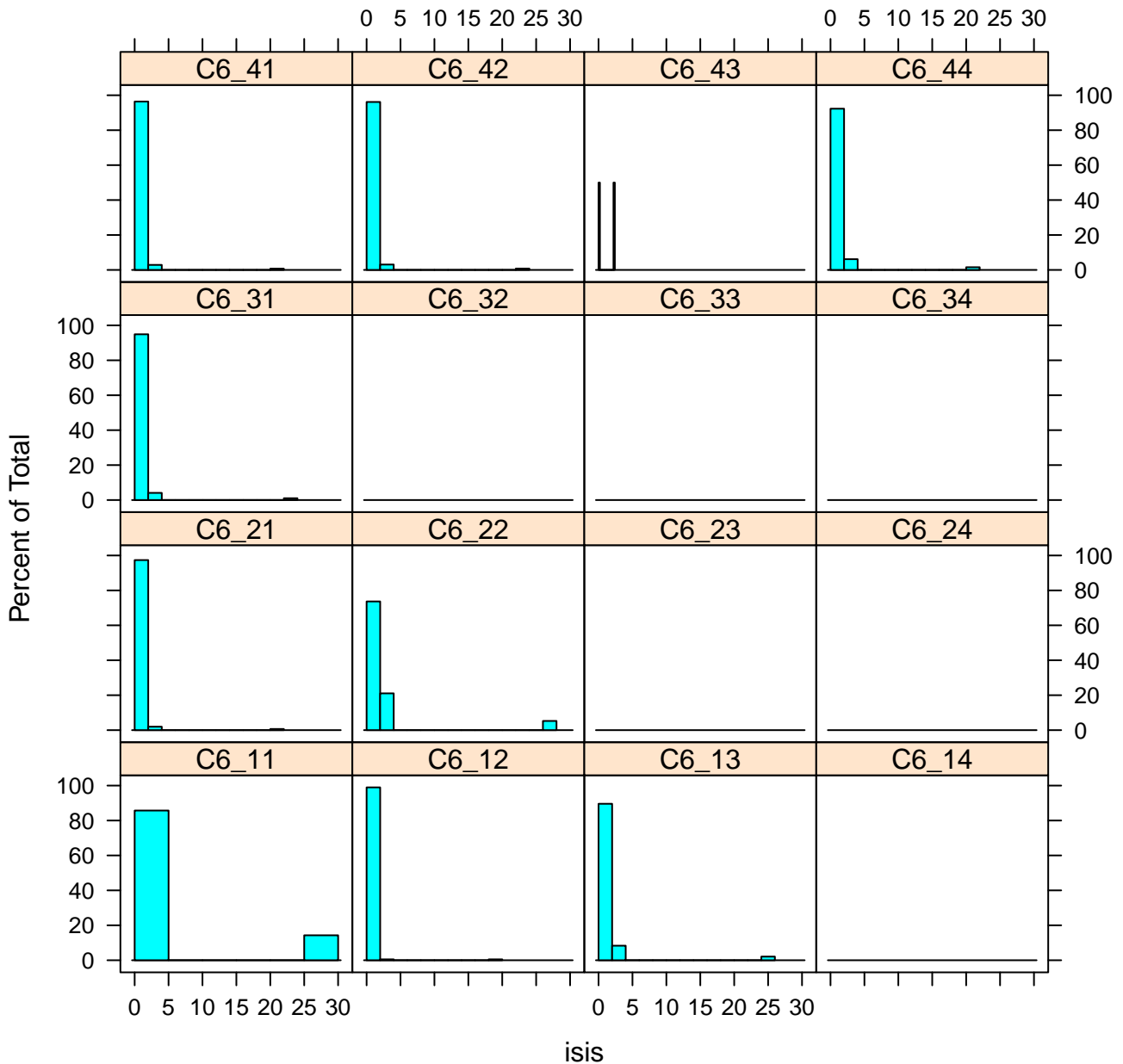


# log(ISIs) histogram plot for C3

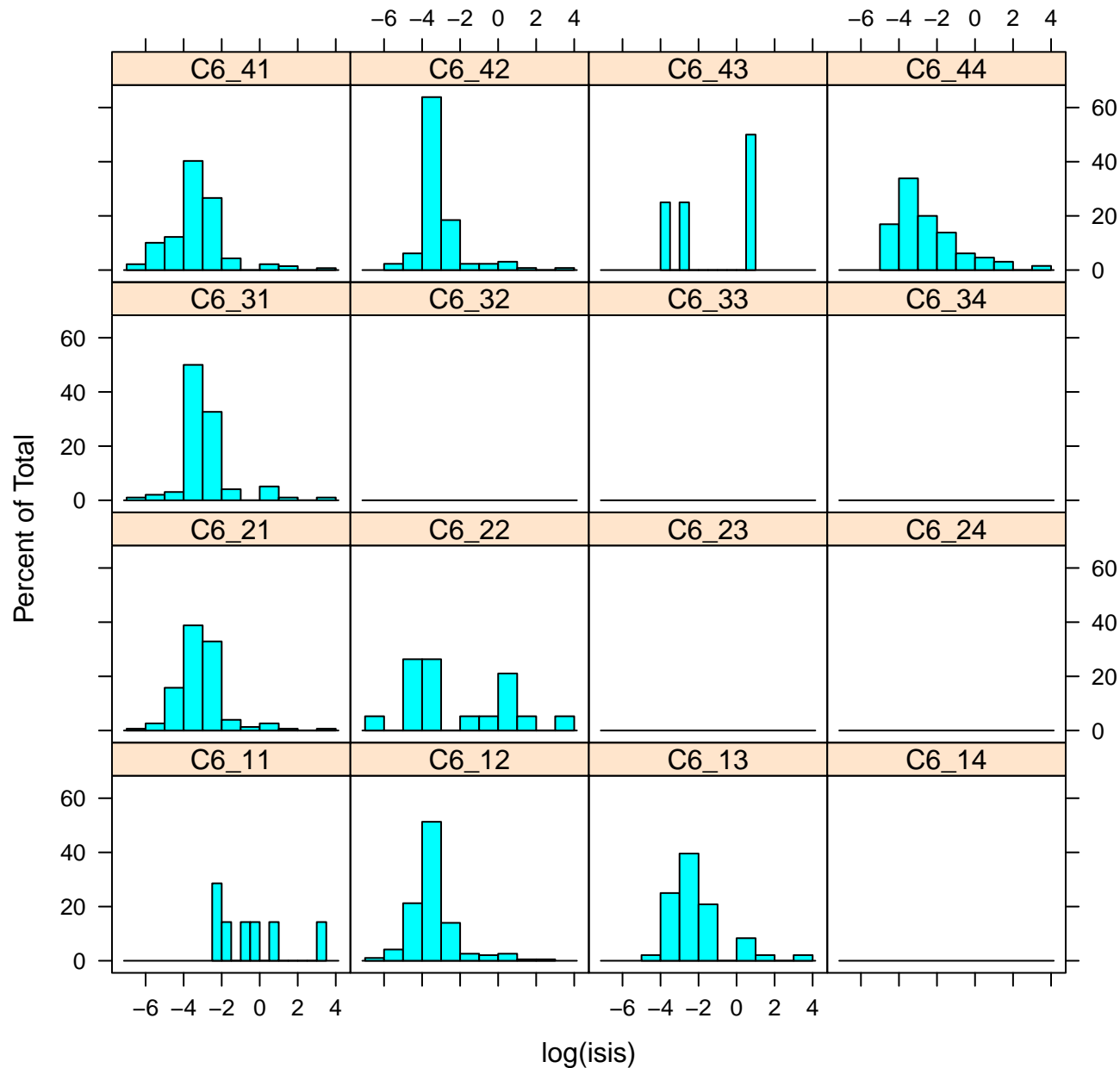




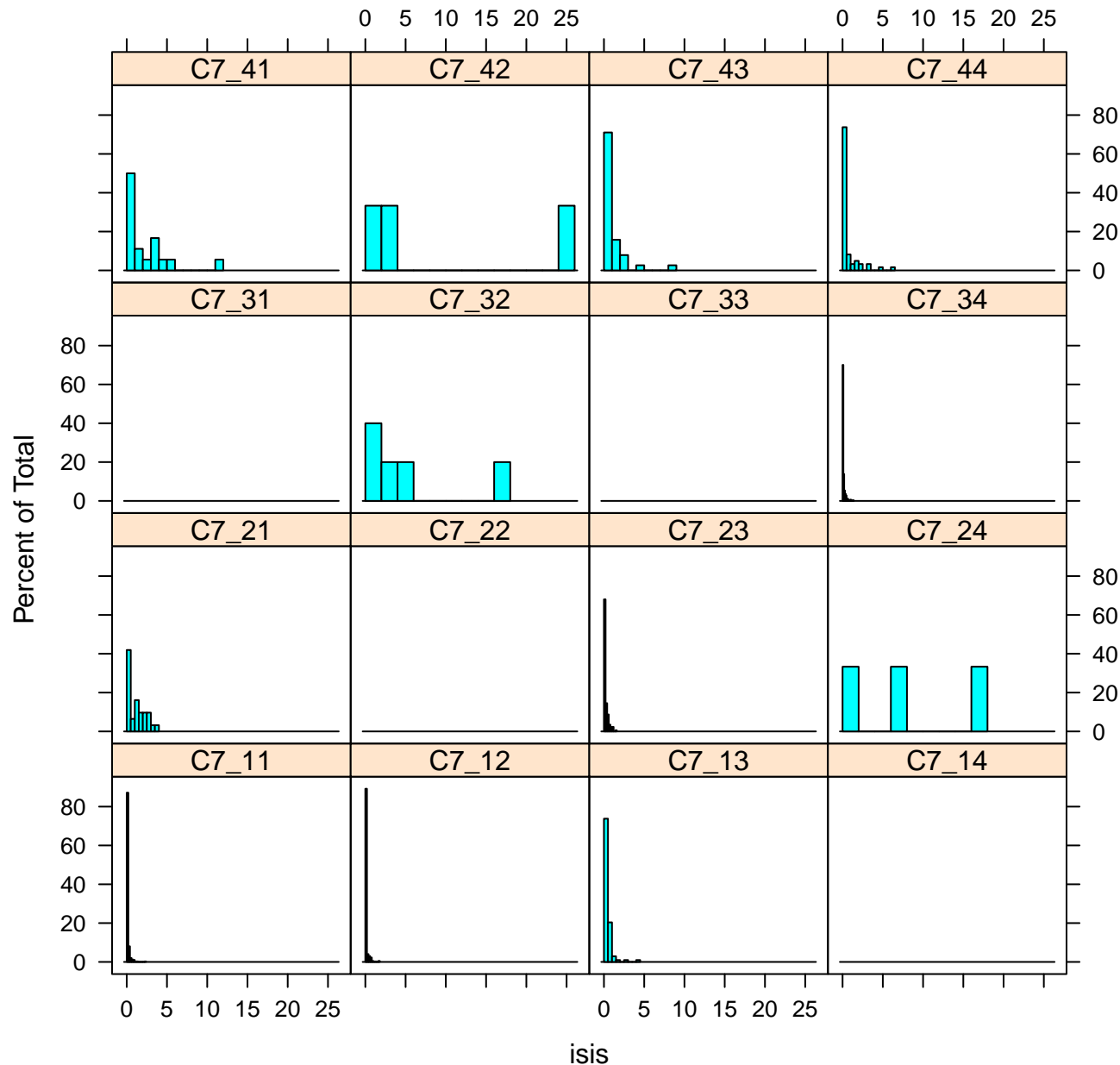
# ISIs histogram plot for C6



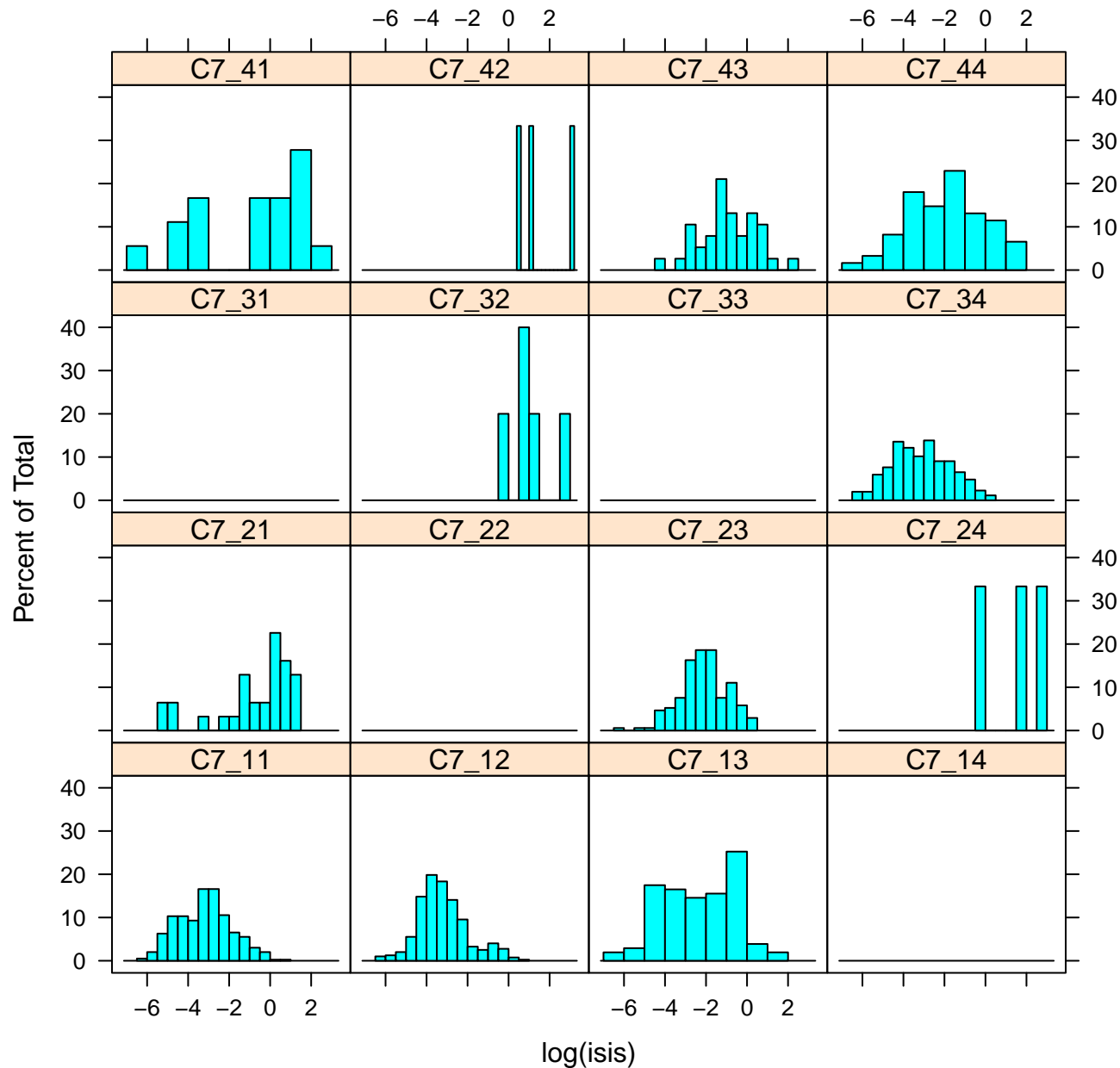
# log(ISIs) histogram plot for C6



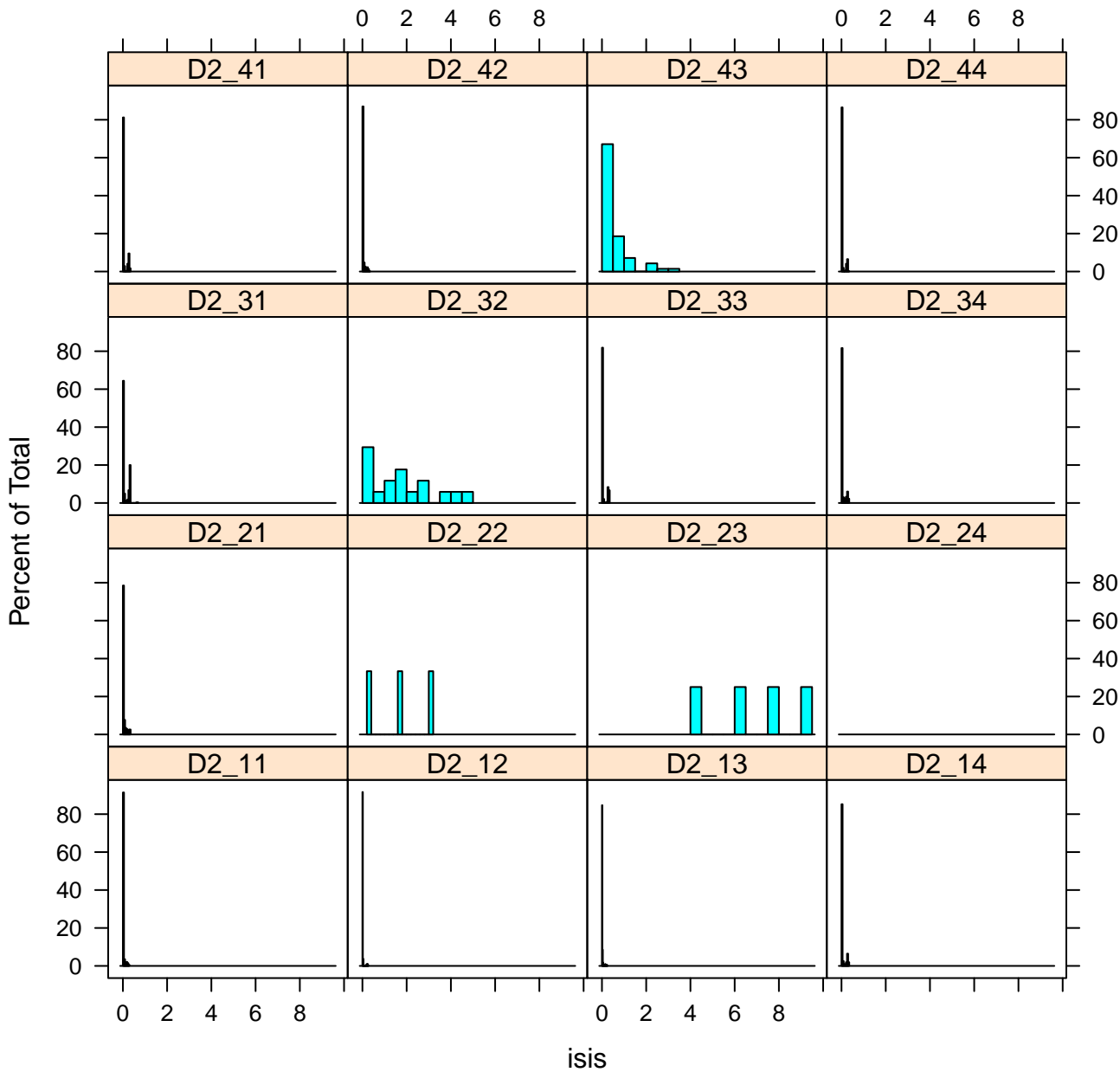
# ISIs histogram plot for C7



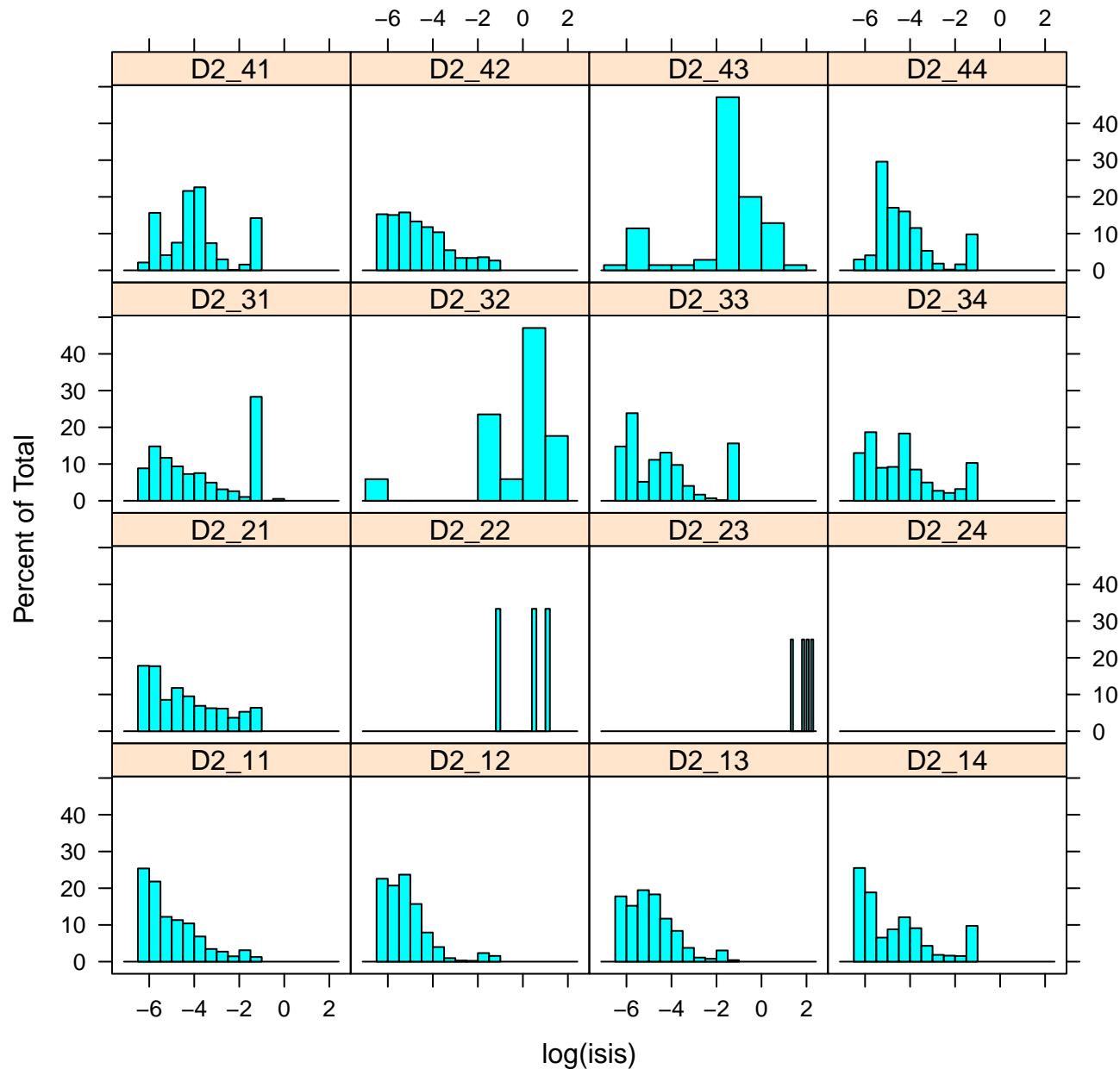
# log(ISIs) histogram plot for C7



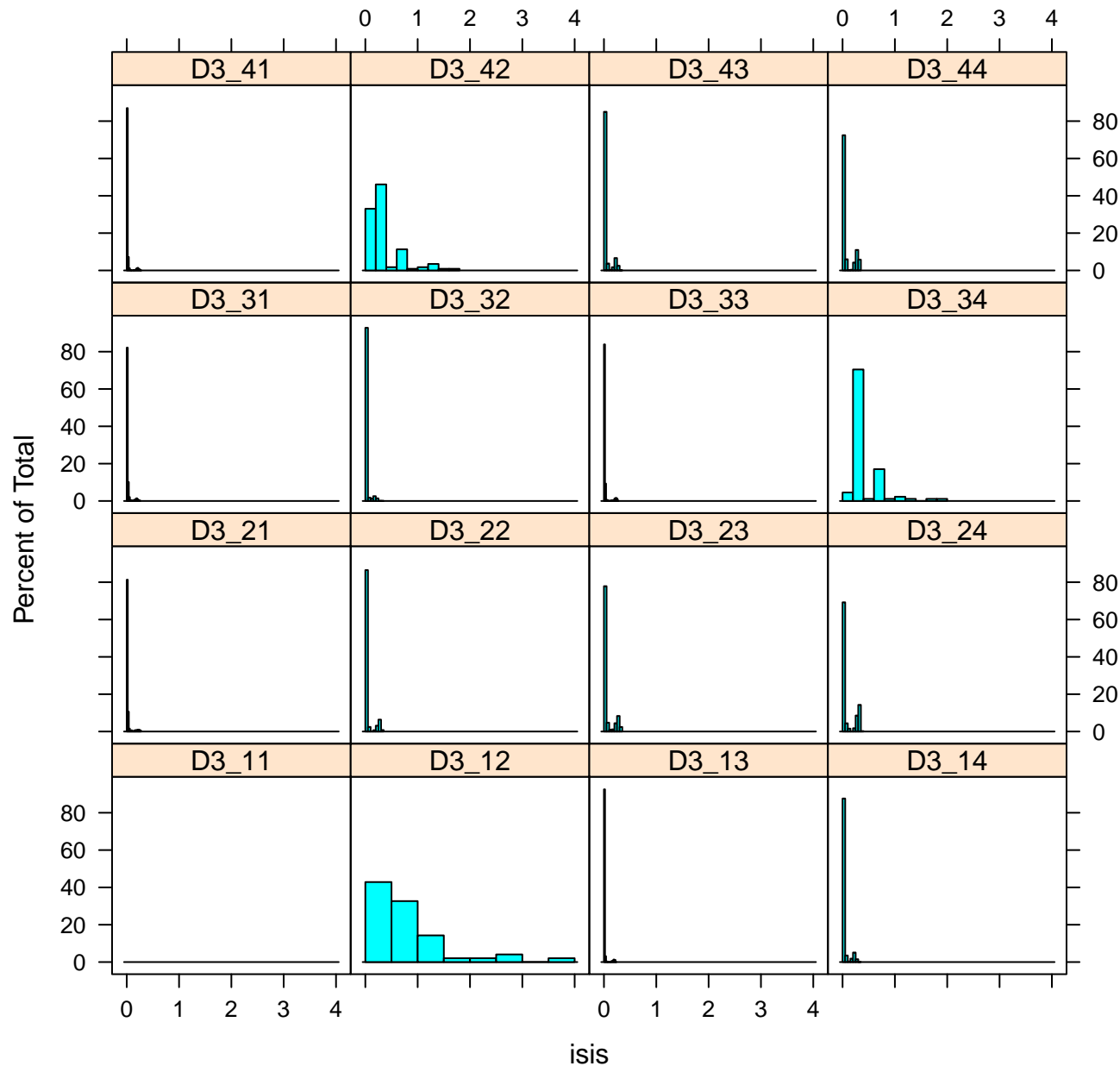
ISIs histogram plot for D2



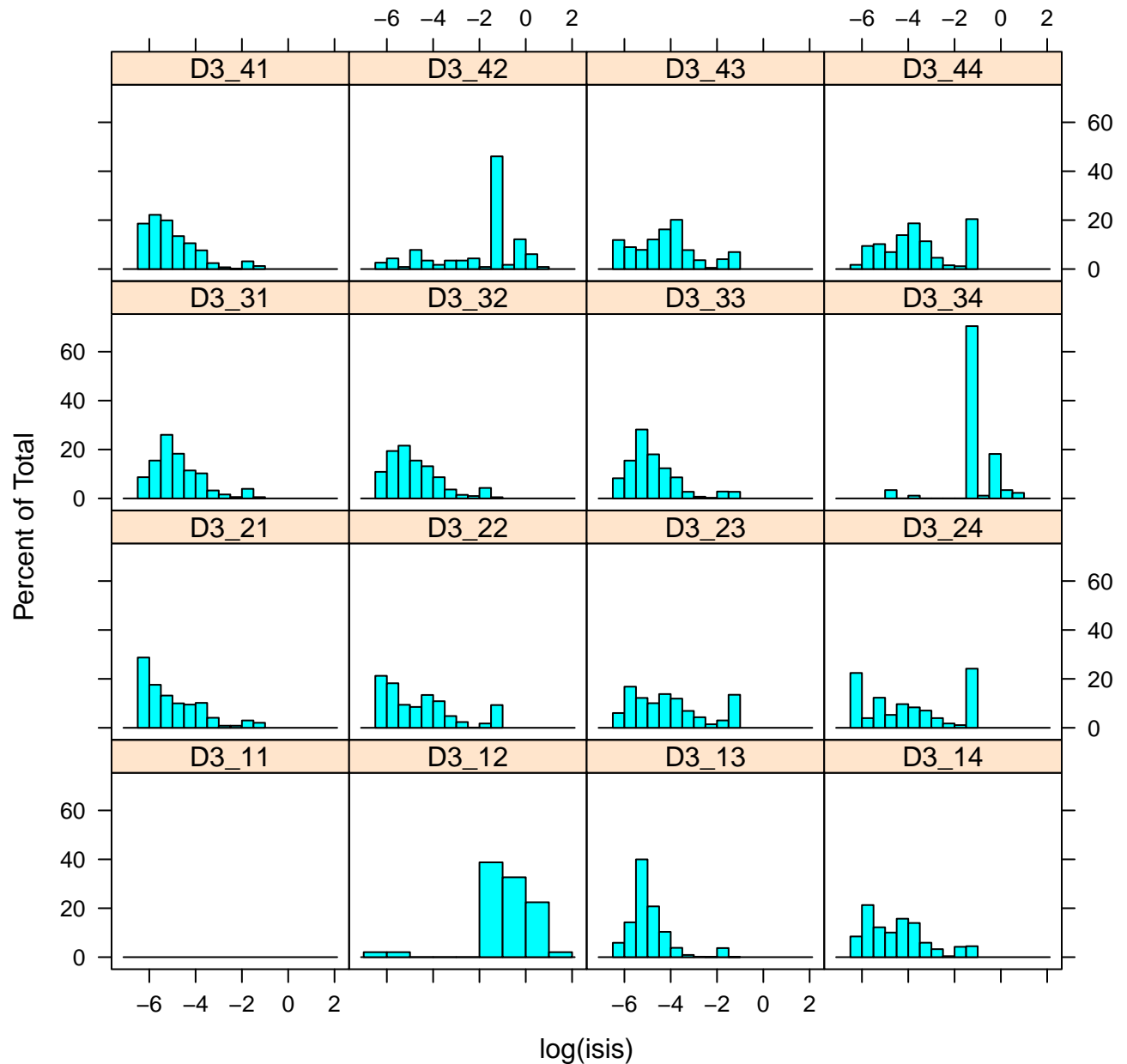
# log(ISIs) histogram plot for D2



# ISIs histogram plot for D3

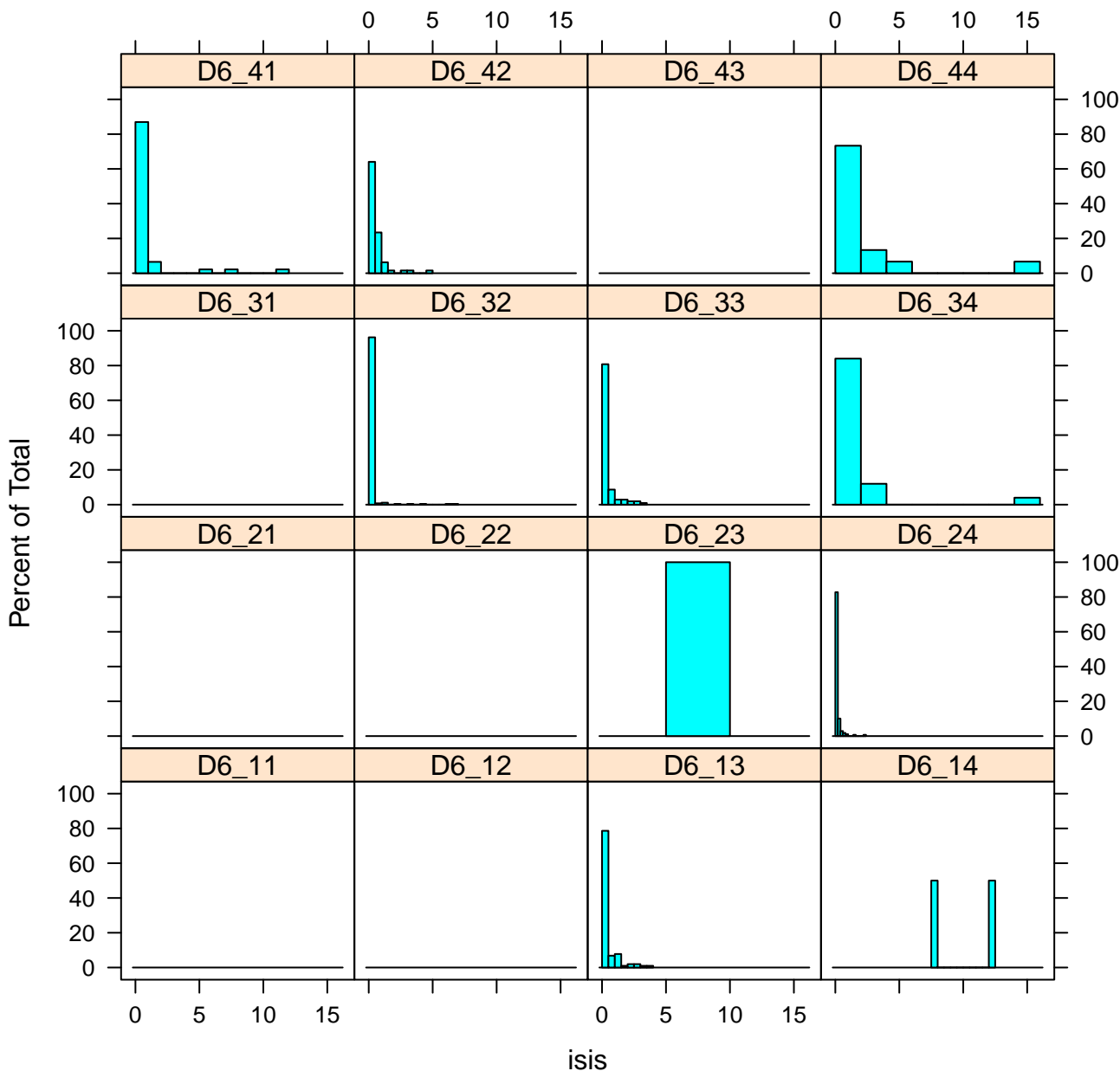


# log(ISIs) histogram plot for D3

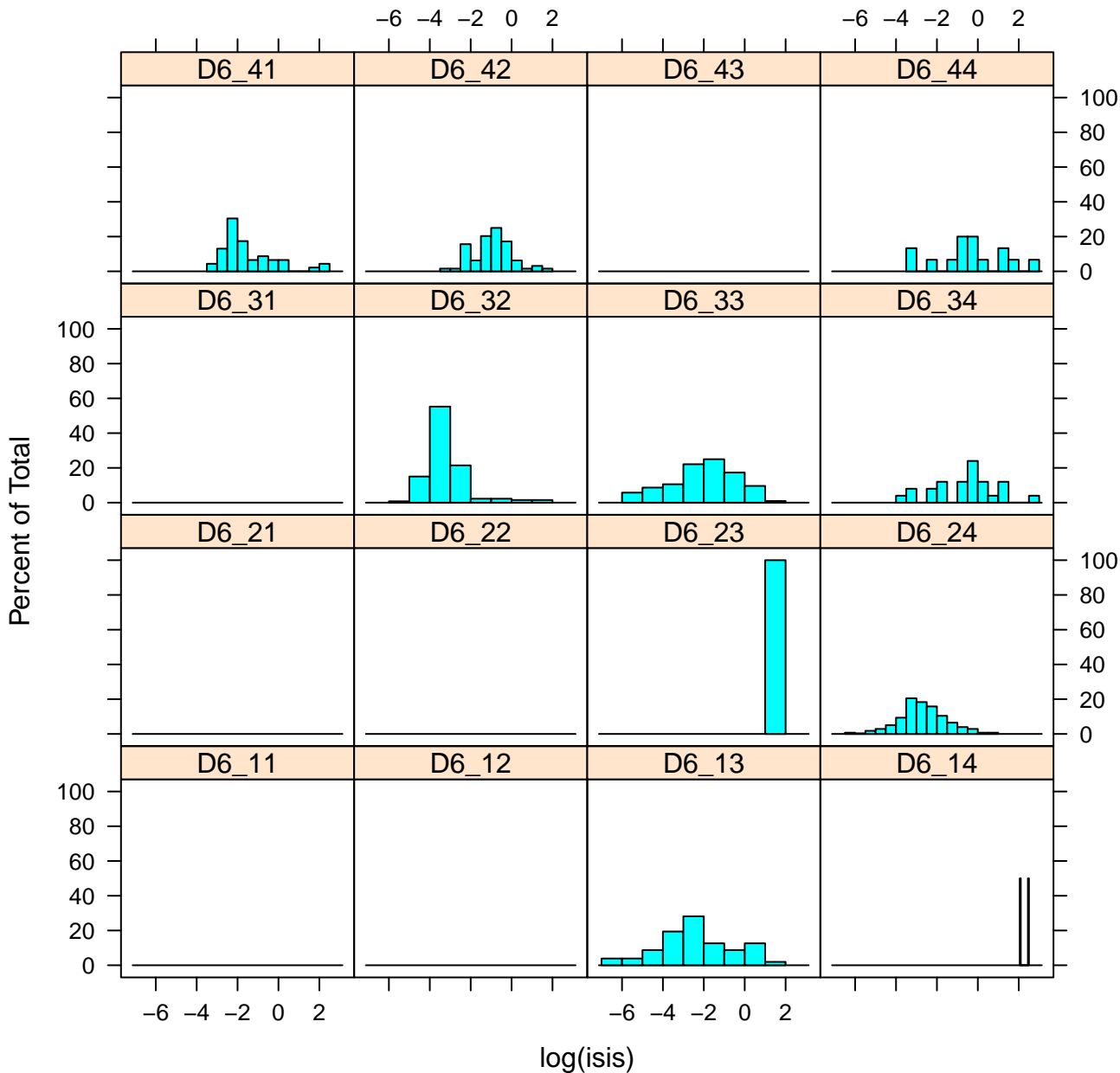




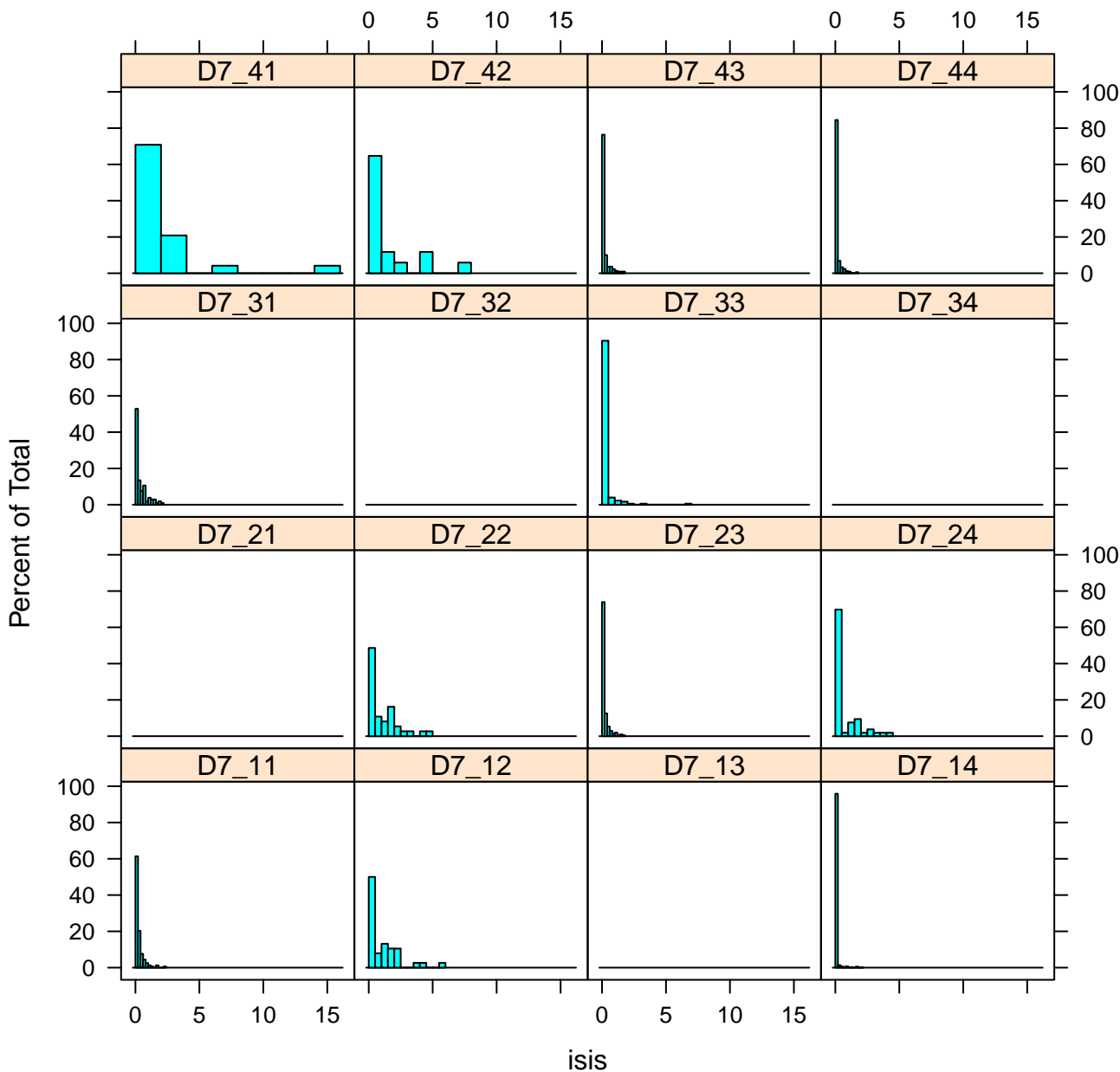
# ISIs histogram plot for D6



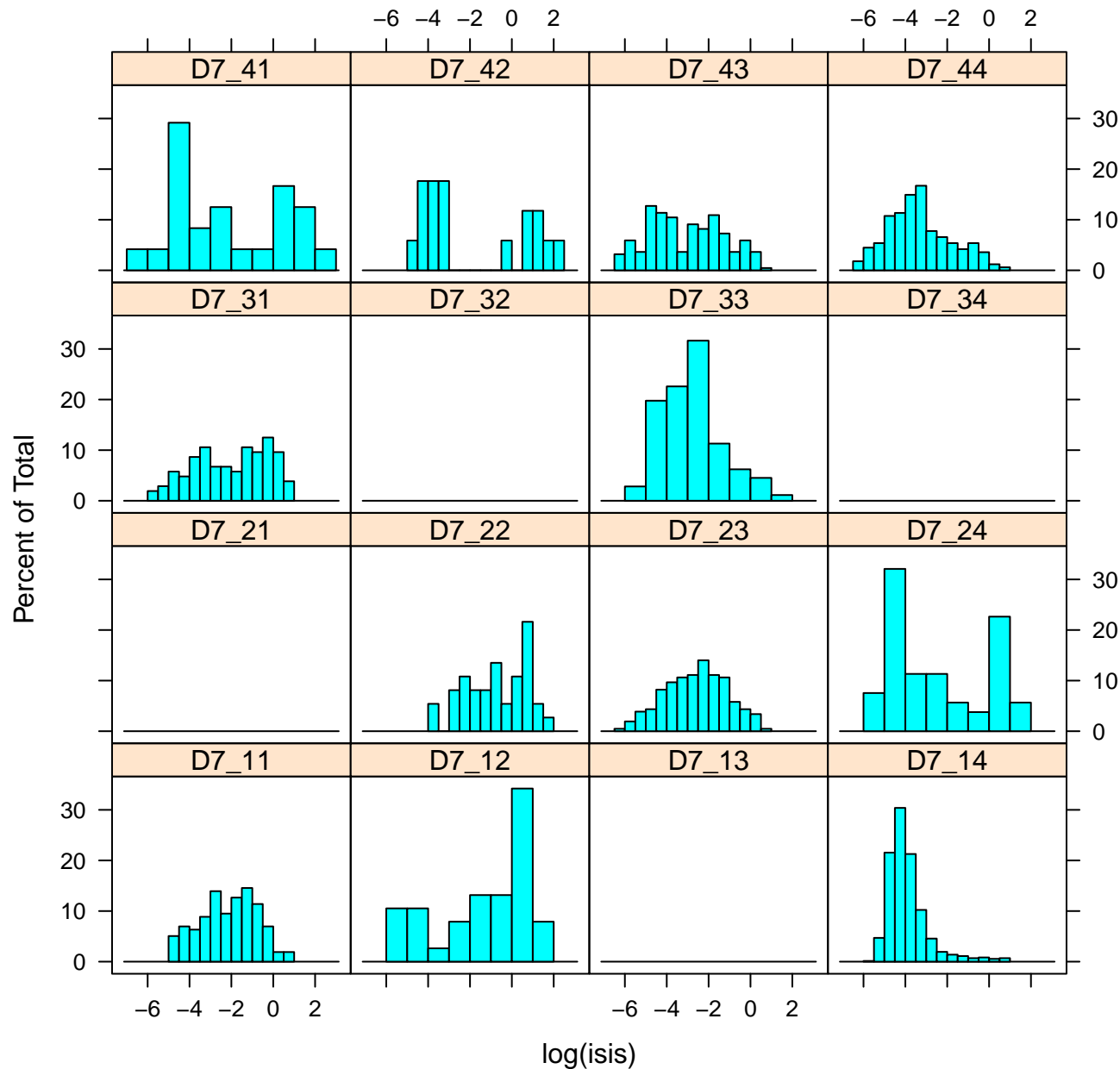
# log(ISIs) histogram plot for D6



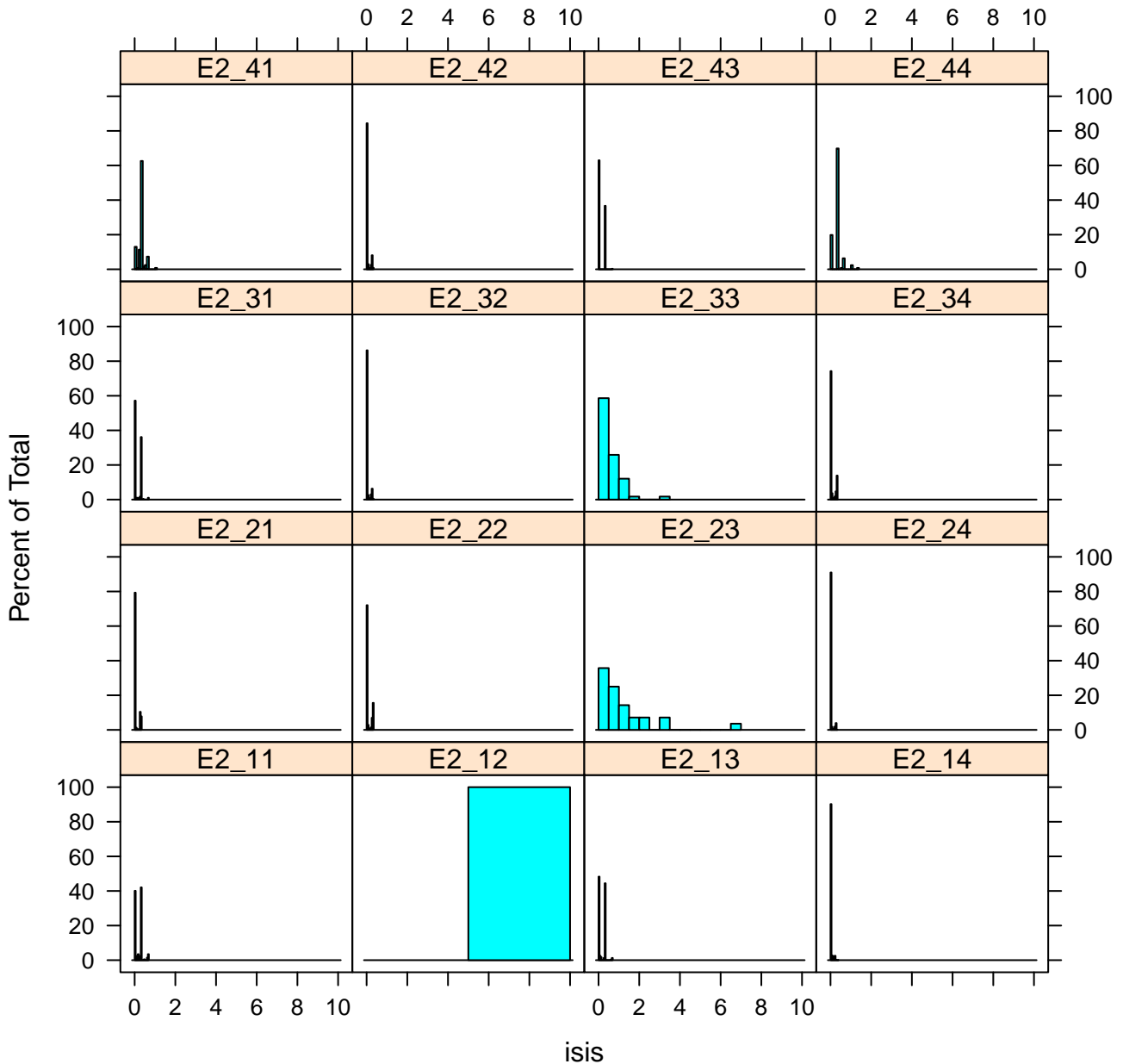
# ISIs histogram plot for D7



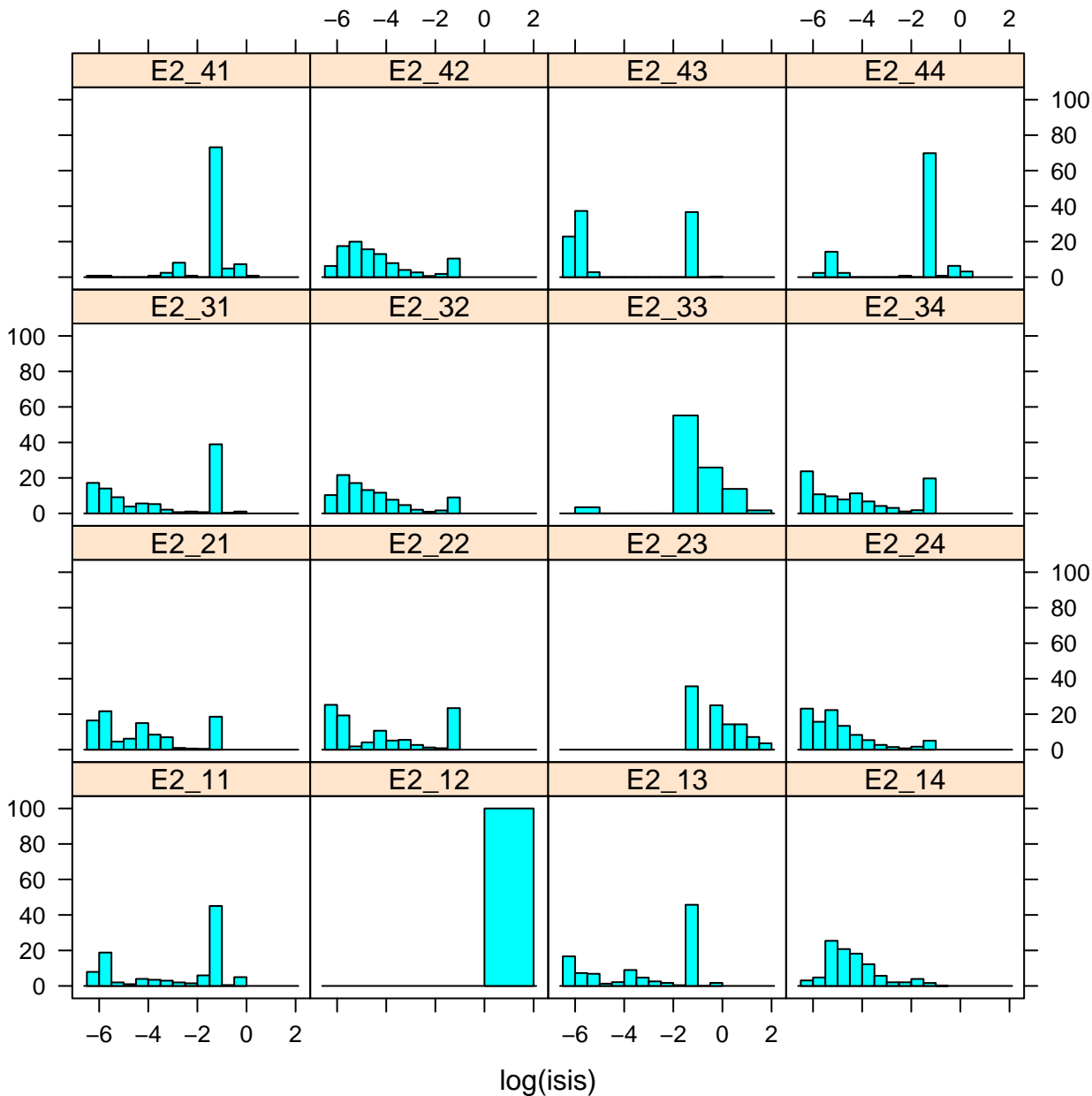
# log(ISIs) histogram plot for D7



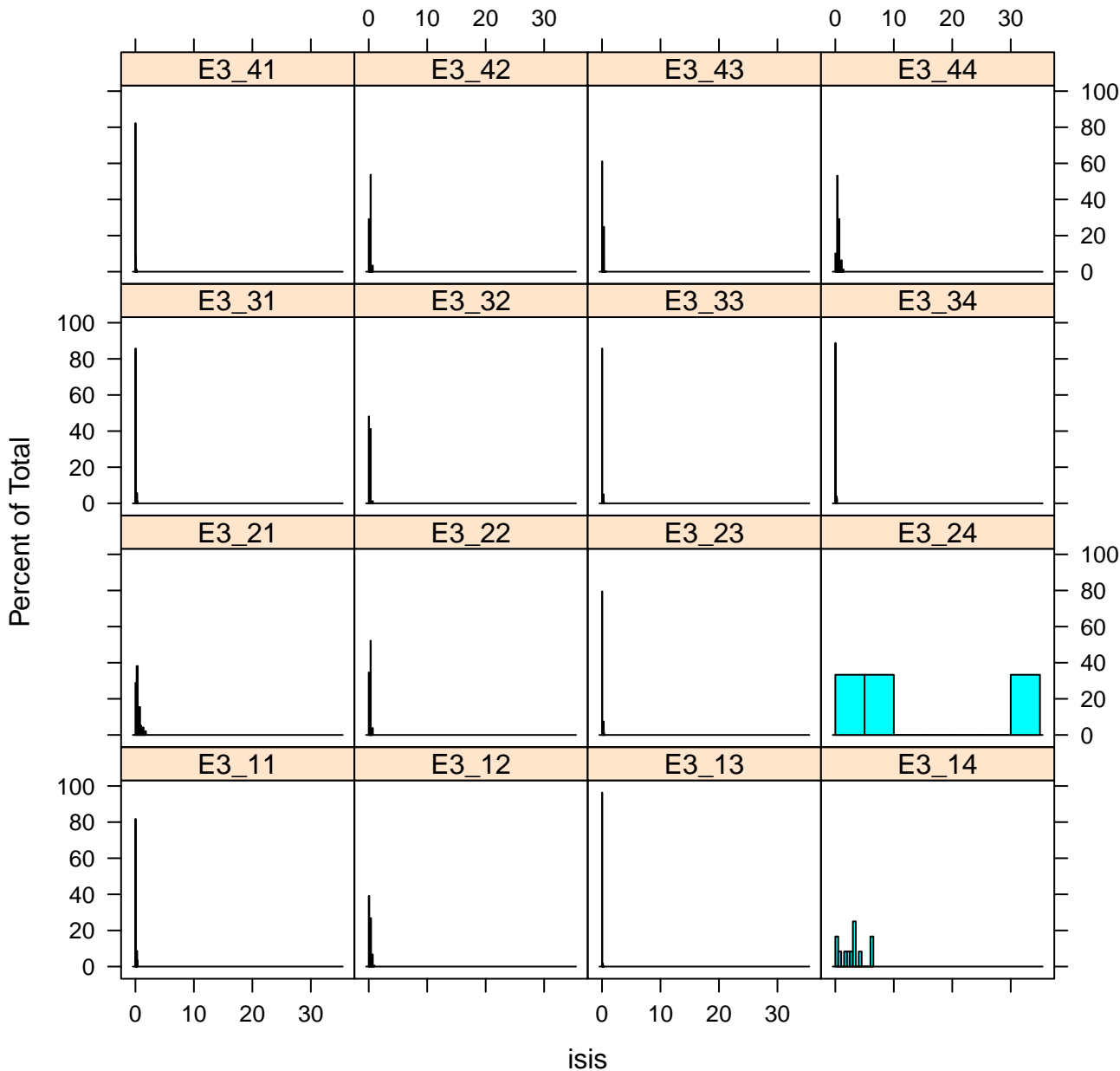
# ISIs histogram plot for E2



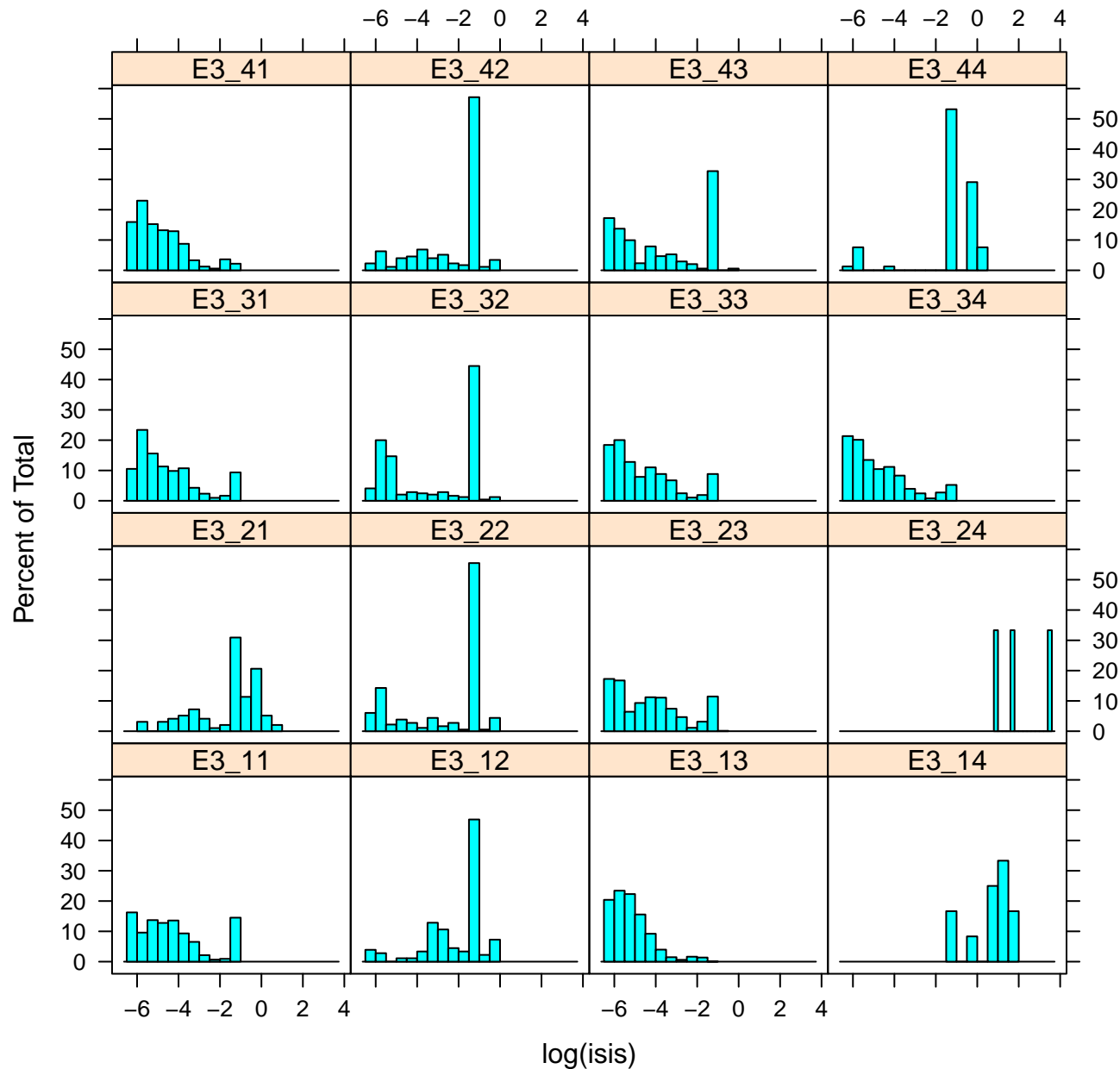
### log(ISIs) histogram plot for E2



# ISIs histogram plot for E3

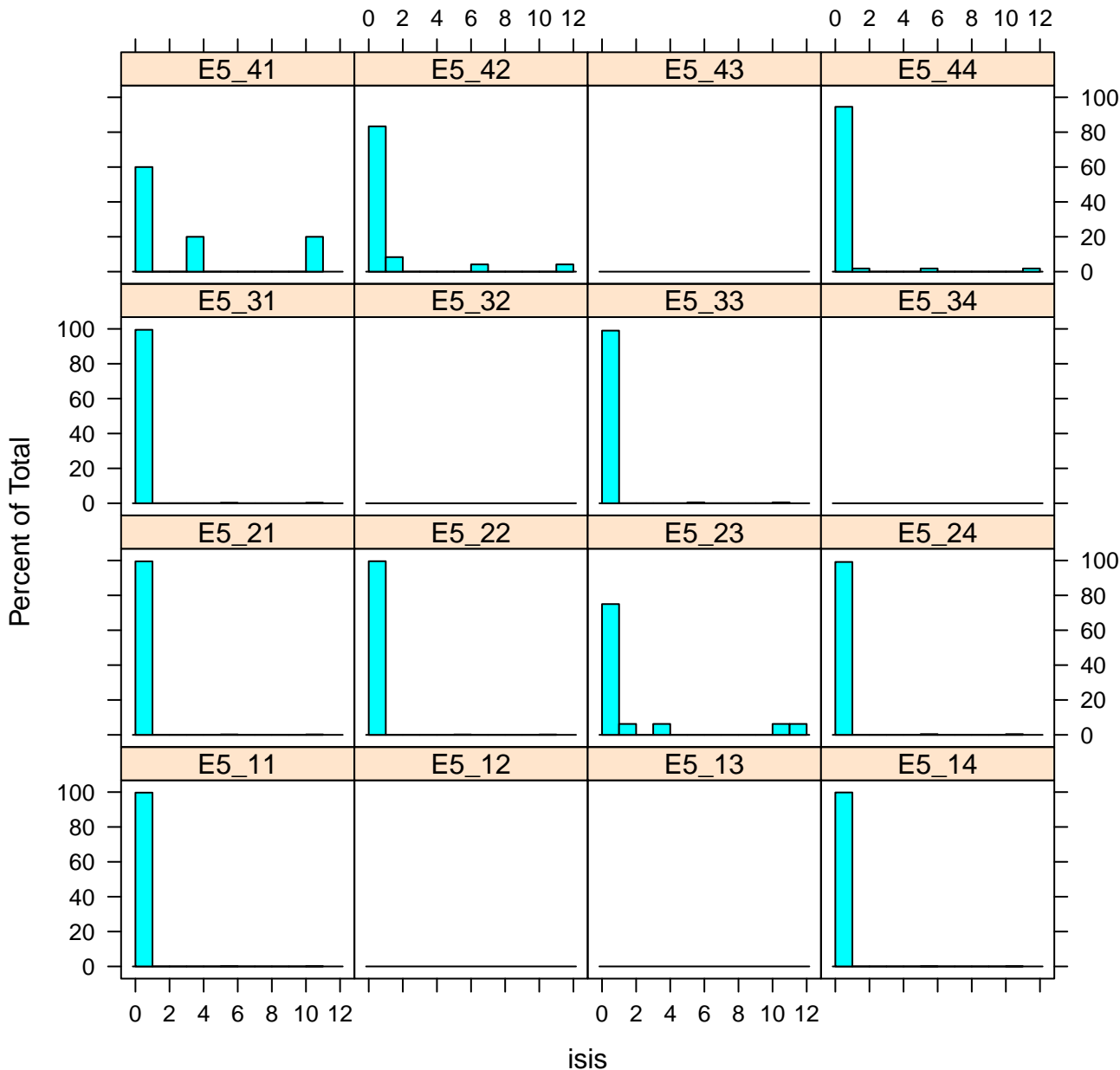


# log(ISIs) histogram plot for E3

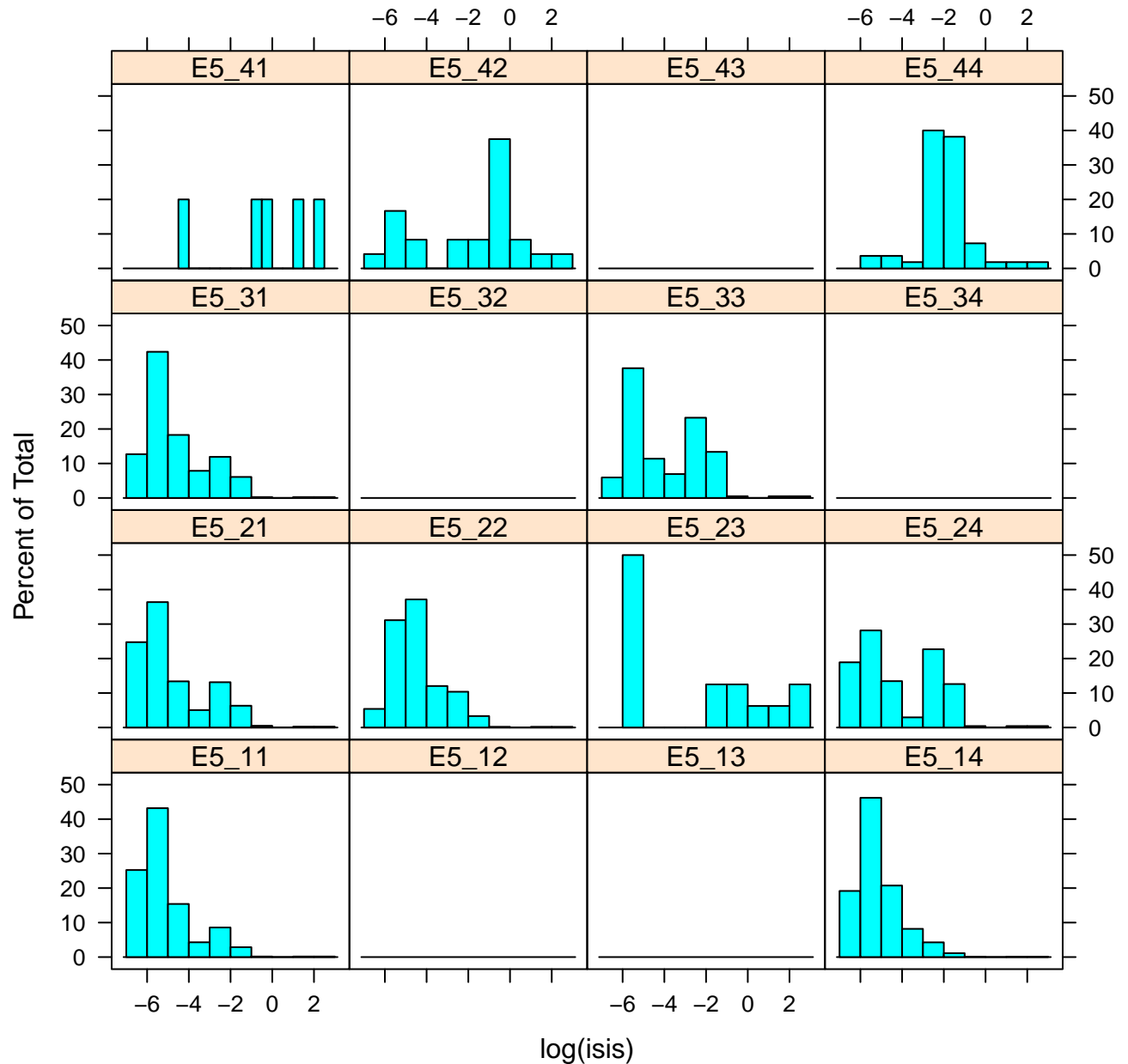




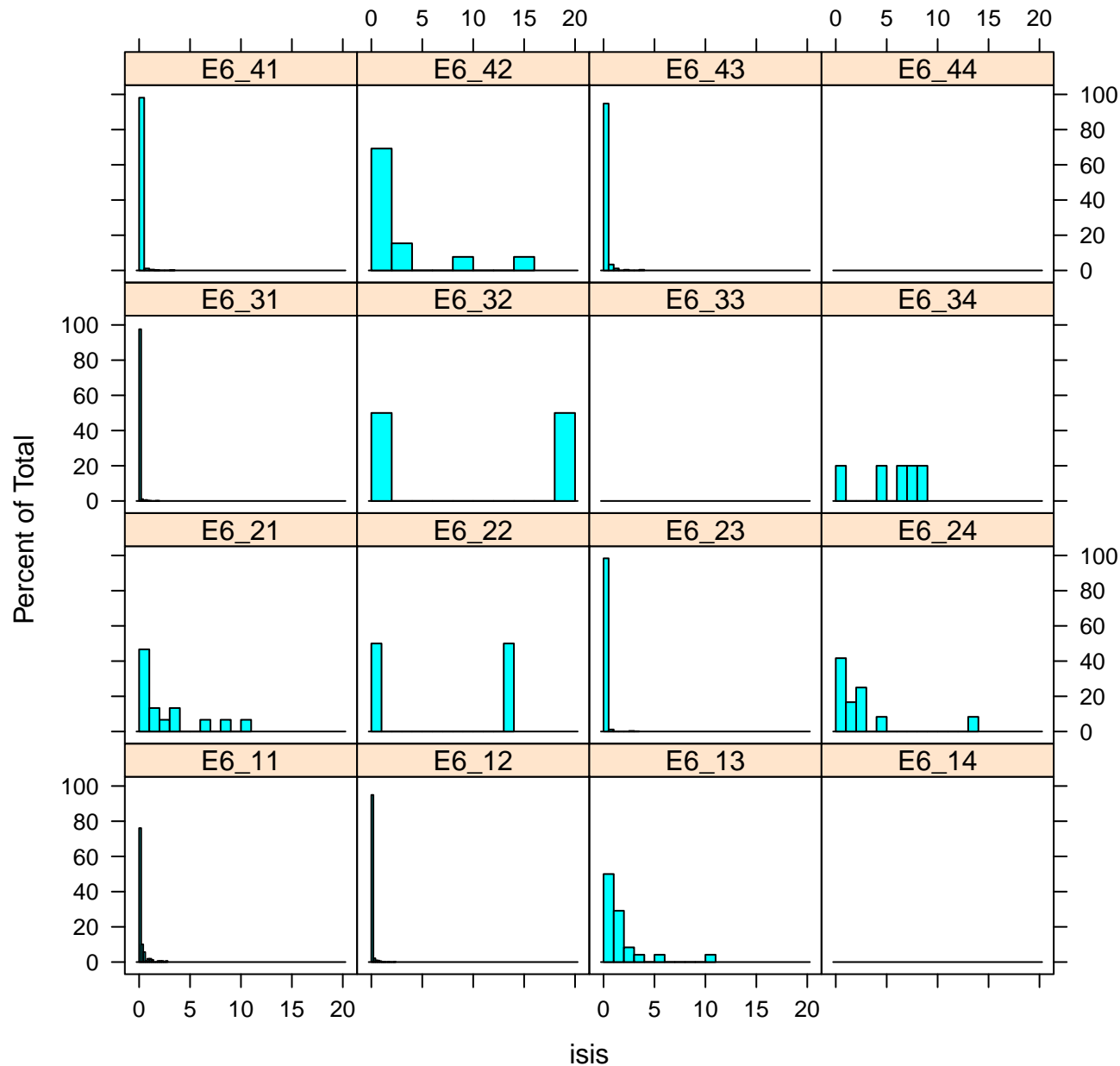
# ISIs histogram plot for E5



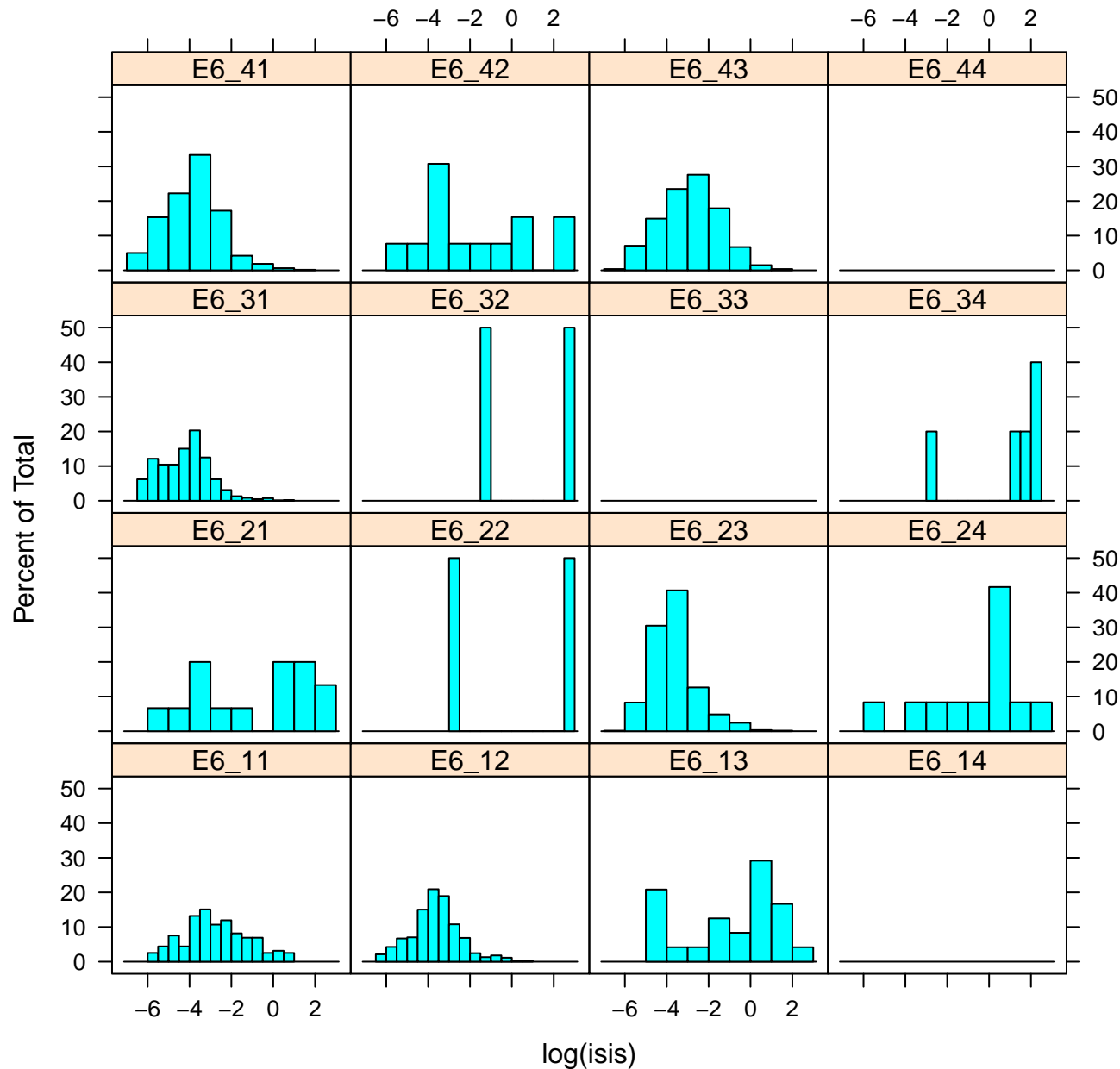
# log(ISIs) histogram plot for E5



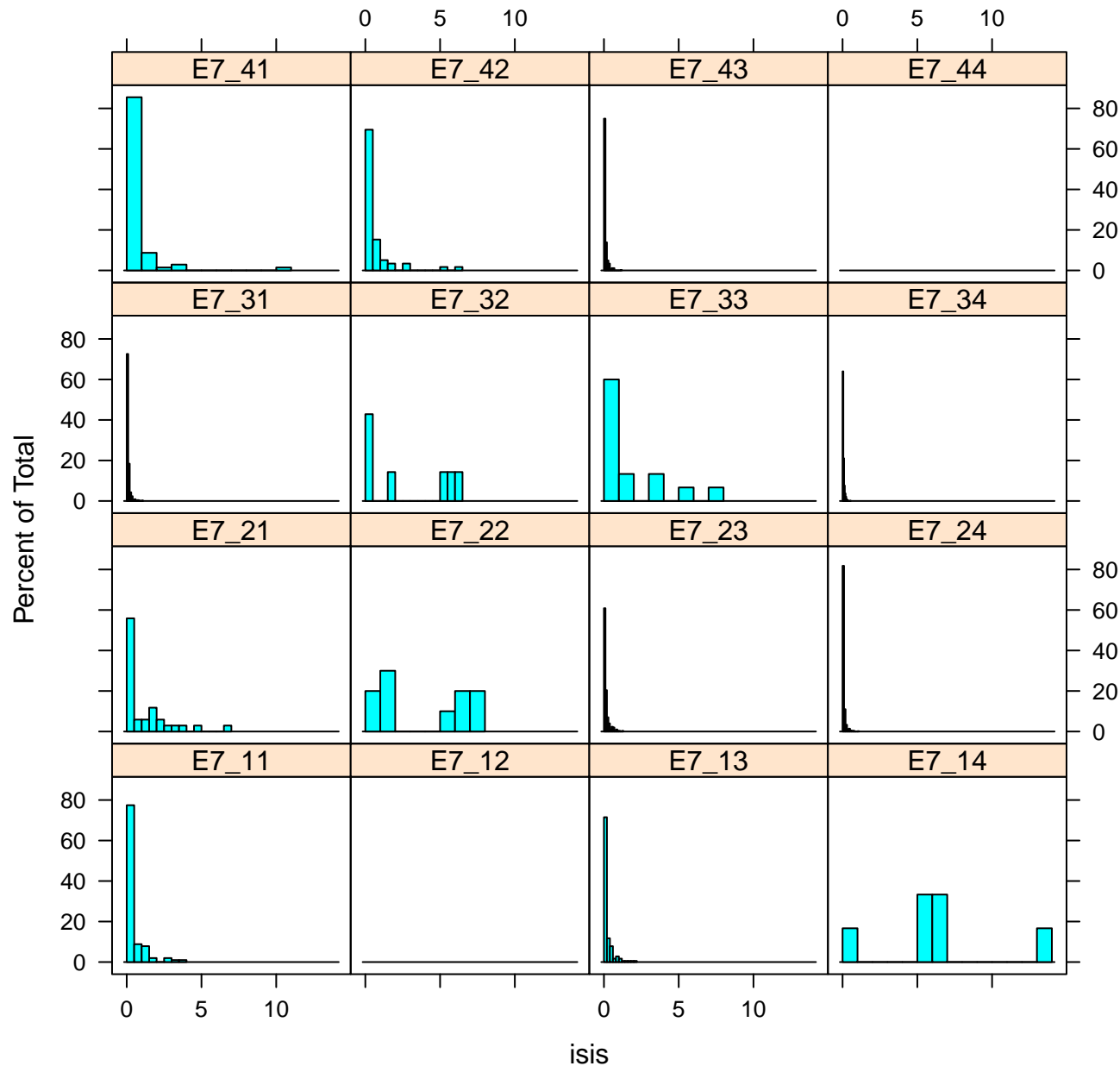
# ISIs histogram plot for E6



# log(ISIs) histogram plot for E6



# ISIs histogram plot for E7



# log(ISIs) histogram plot for E7

