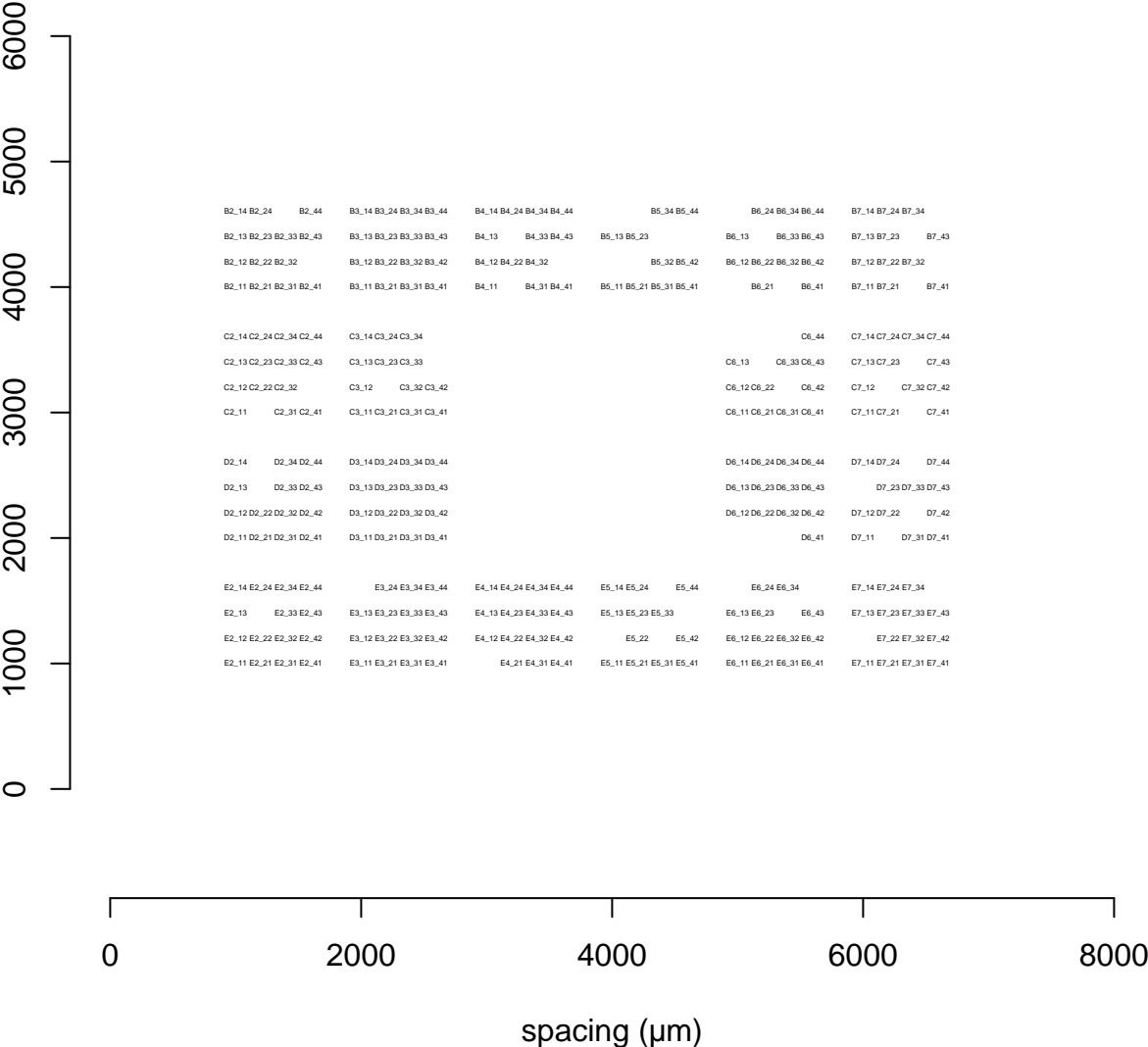
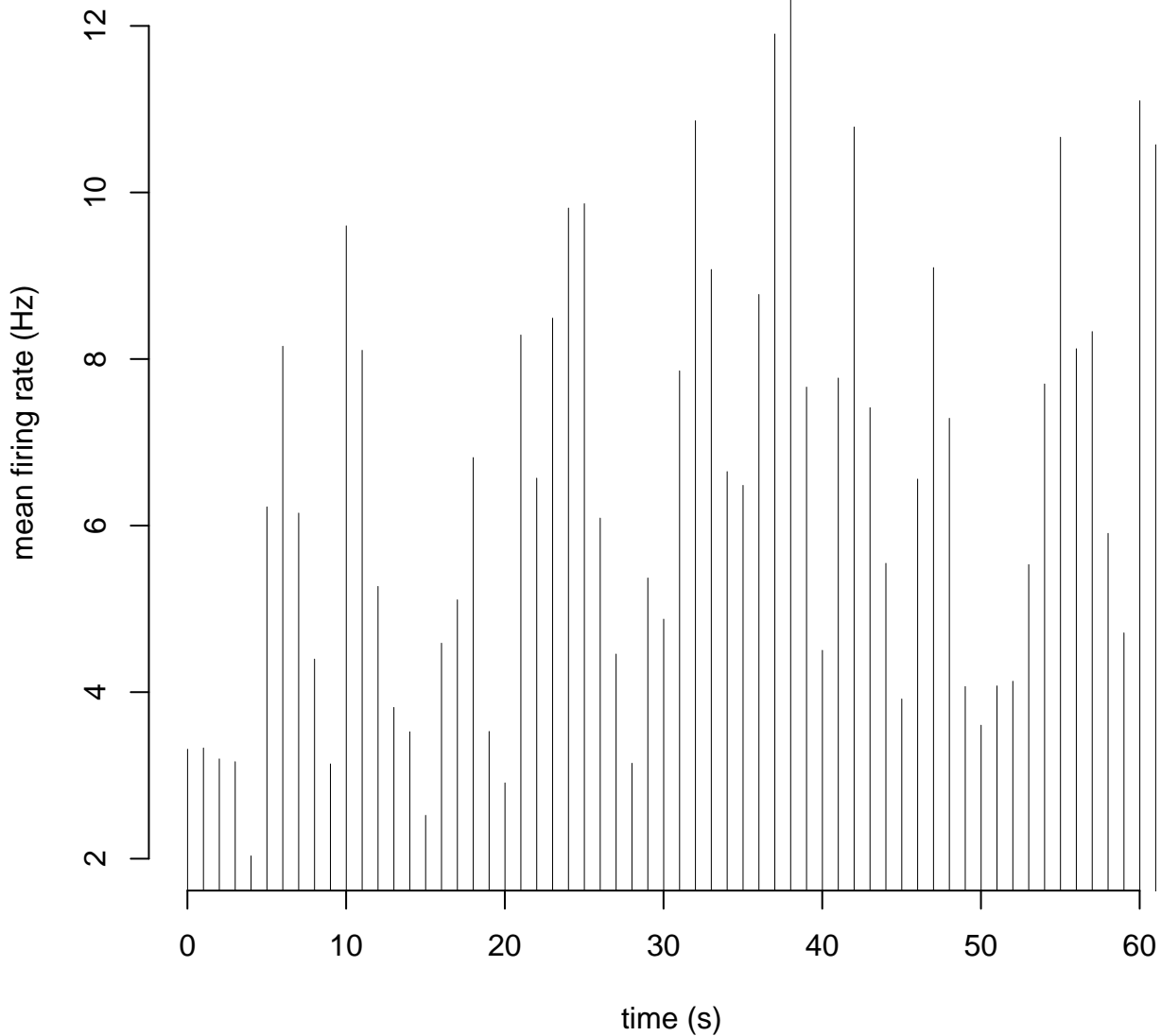


Electrode Layout

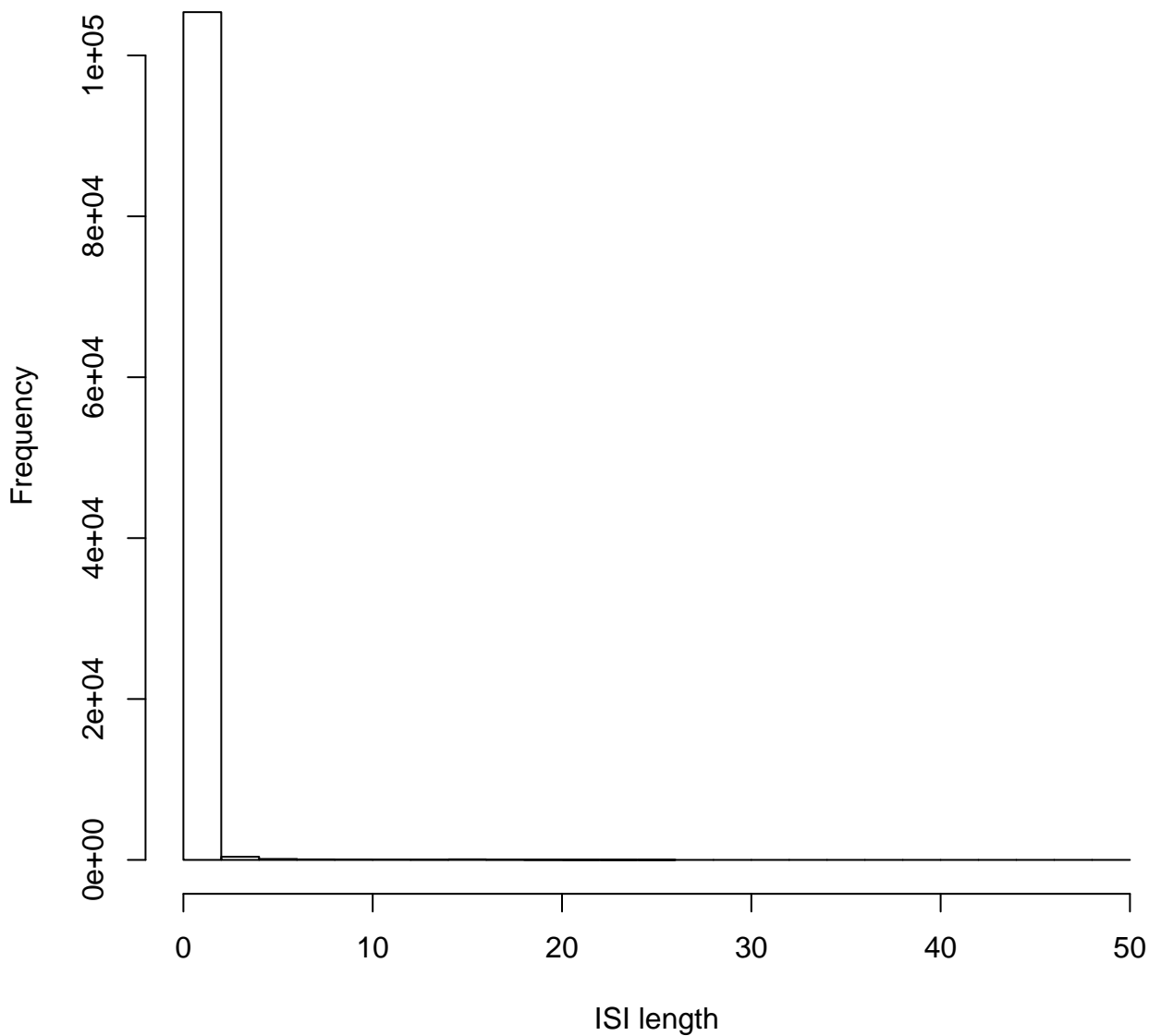
file= exampleRecording\_1012016\_plate1\_DIV4



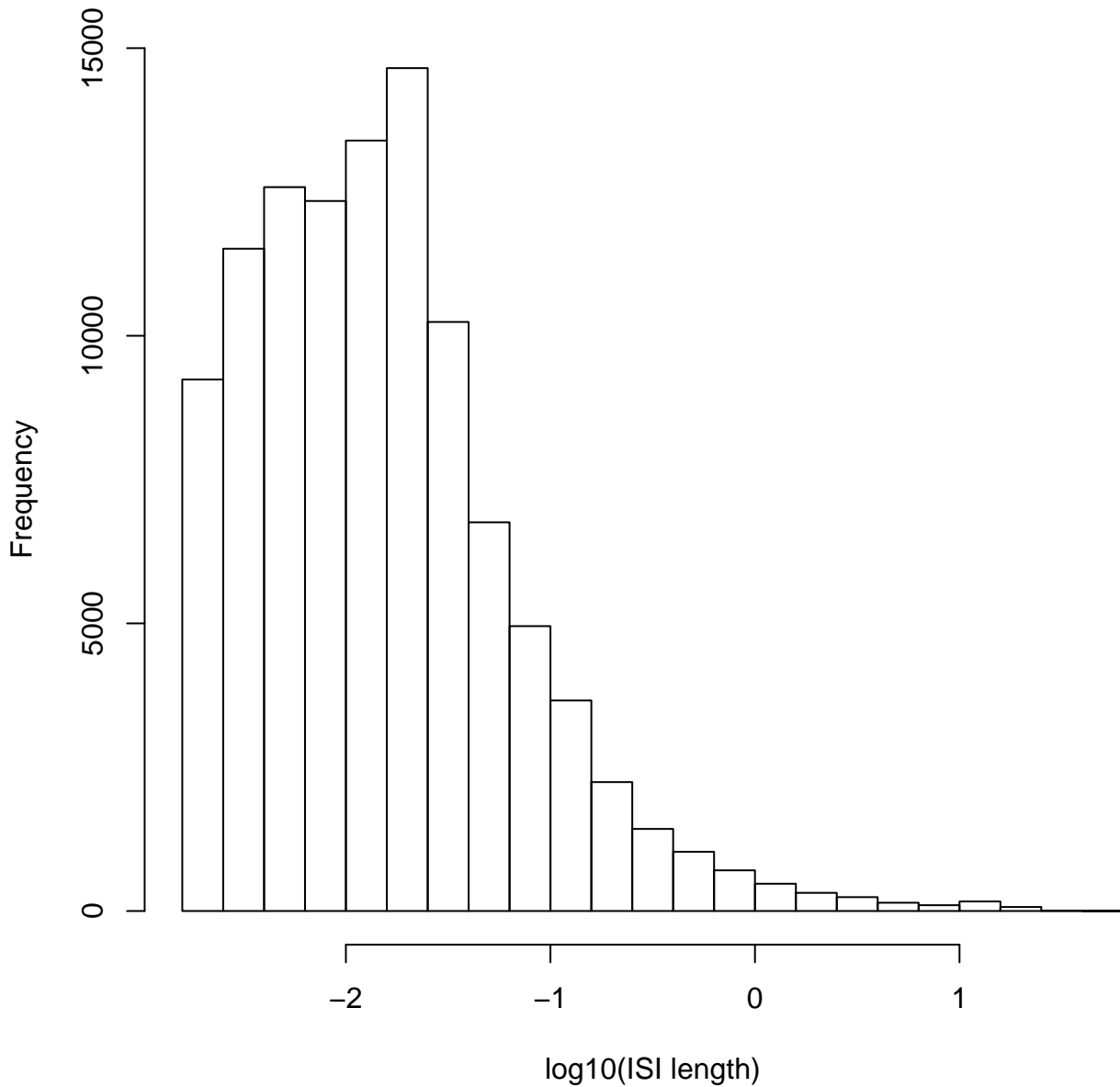
# Mean Firing Rate by Plate (Hz)



**Histogram of ISIs by Plate**

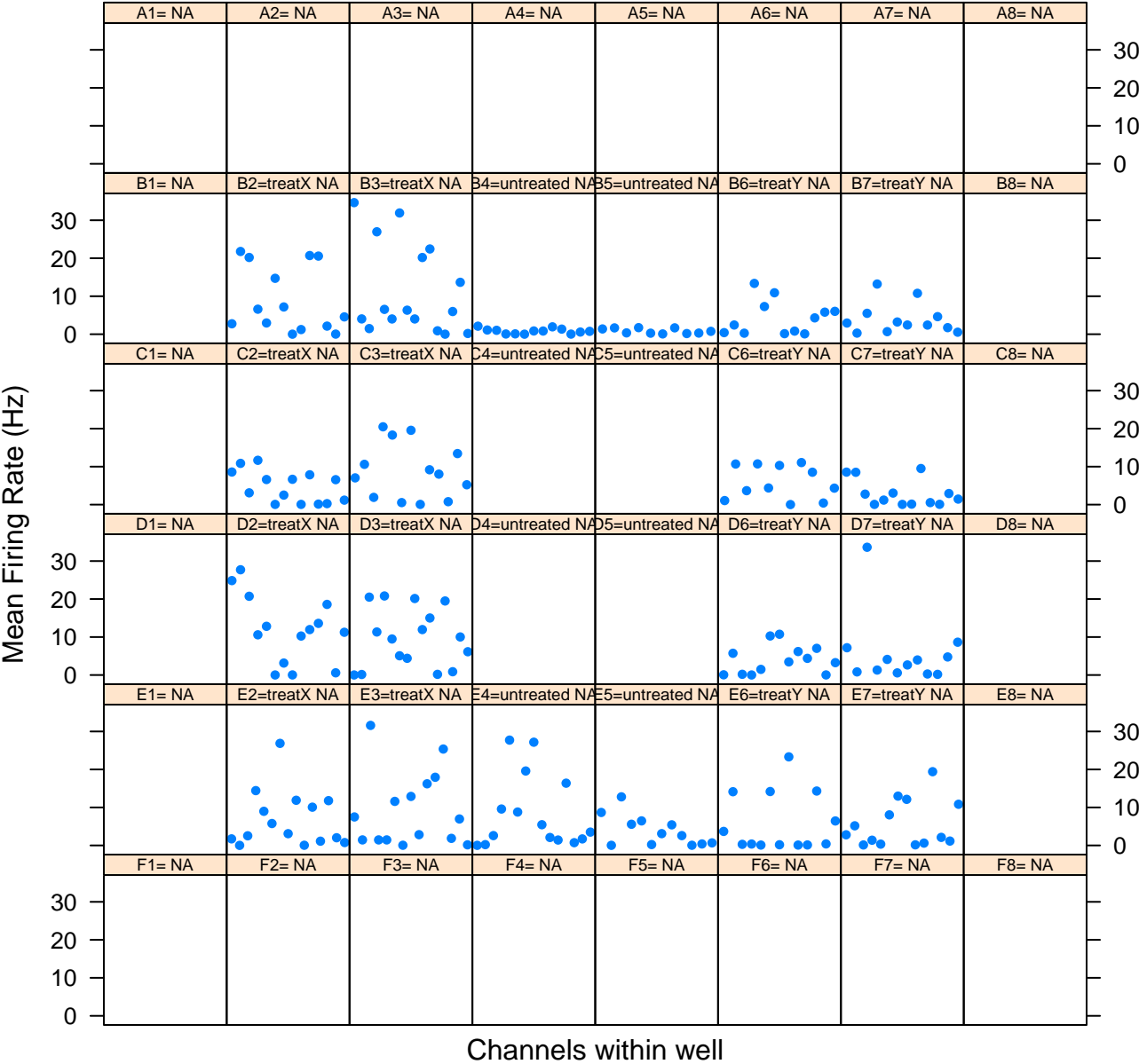


**Histogram of  $\log(\text{ISIs})$  by Plate**

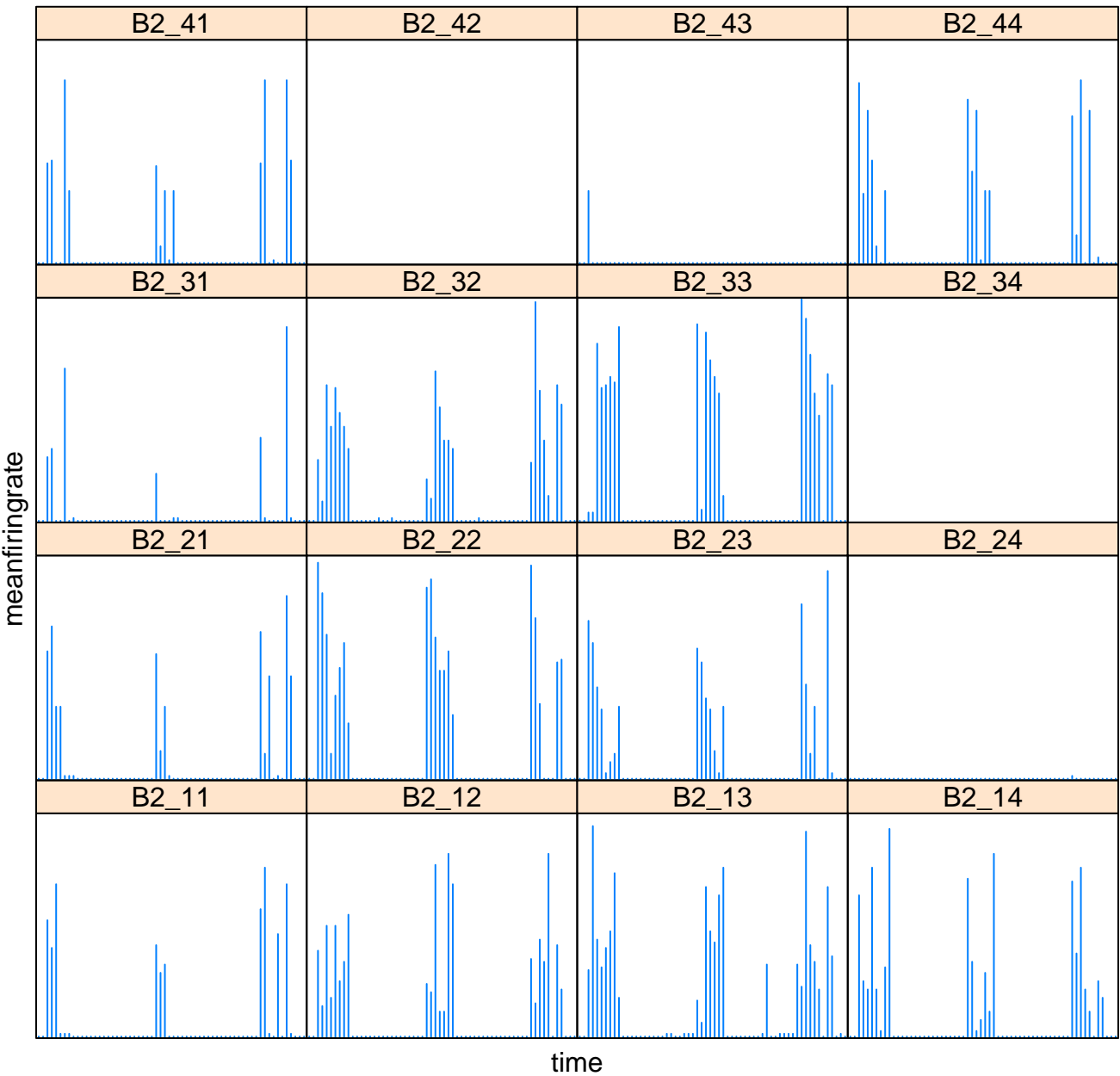


Mean Firing Rate (Hz) by Channels within Wells

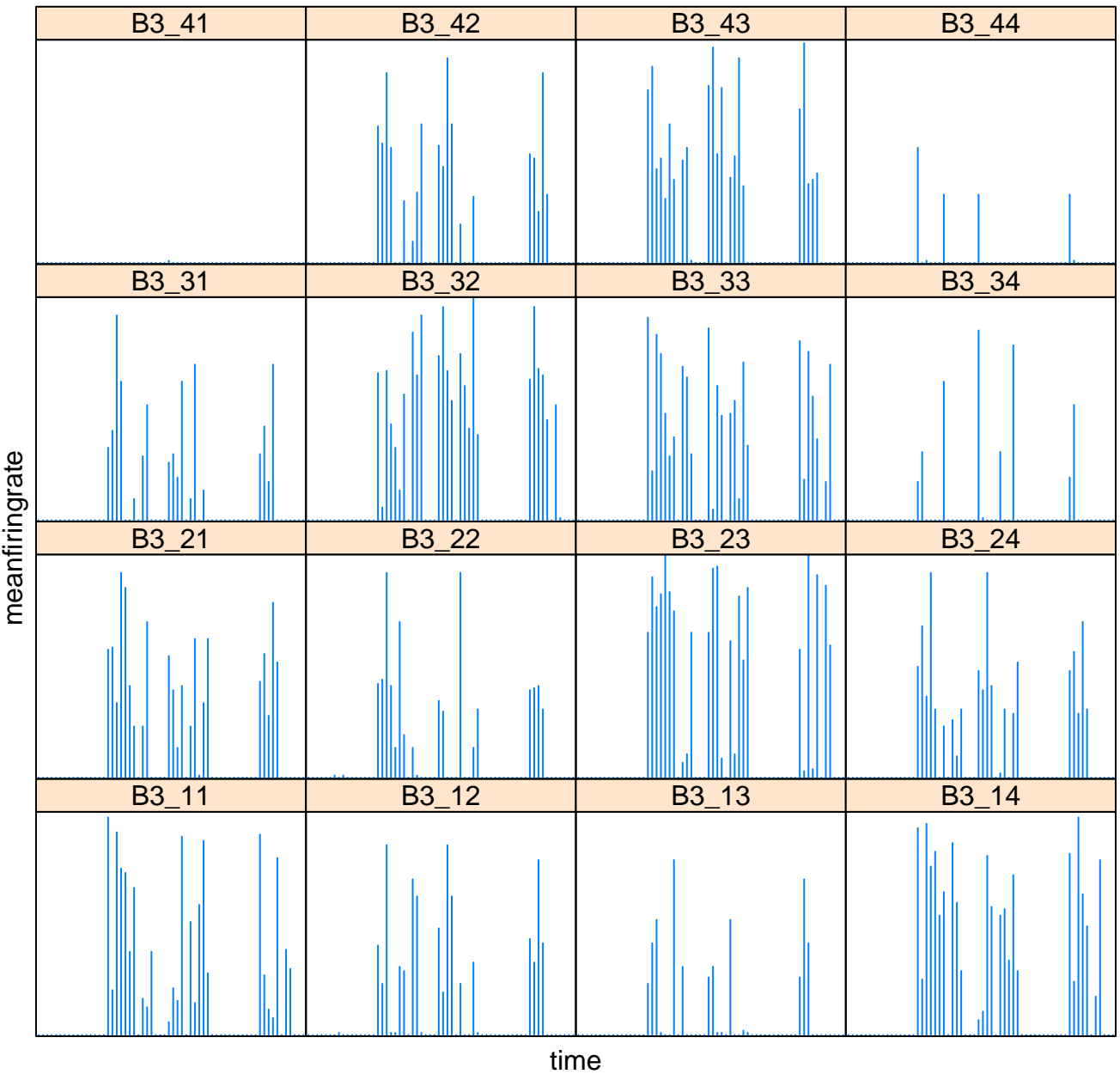
file= exampleRecording\_1012016\_plate1\_DIV4



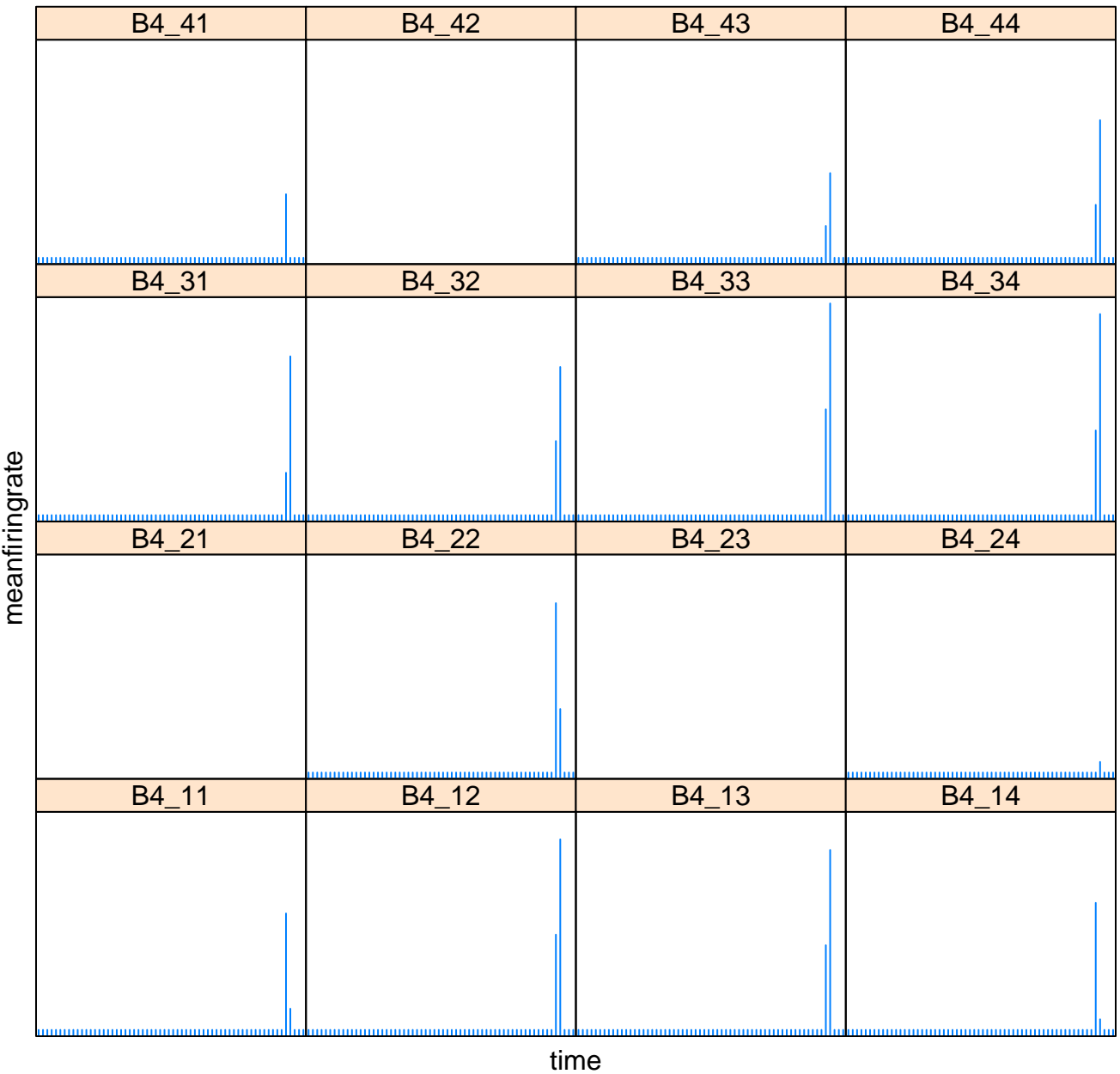
**Mean Firing Rate per Second for Well B2. Maximum firing rate:97 Hz**



**Mean Firing Rate per Second for Well B3. Maximum firing rate:98 Hz**



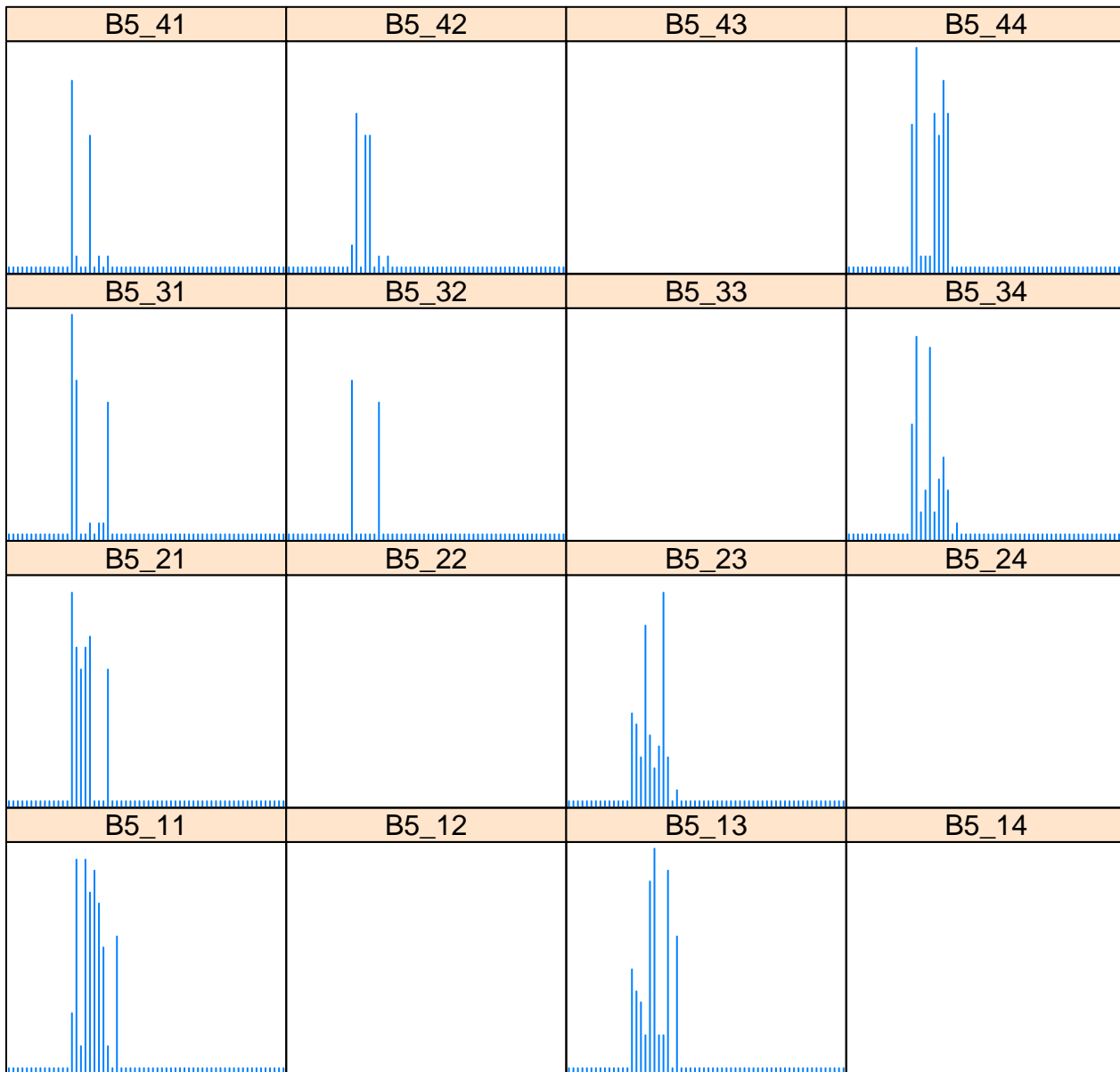
Mean Firing Rate per Second for Well B4. Maximum firing rate:94 Hz





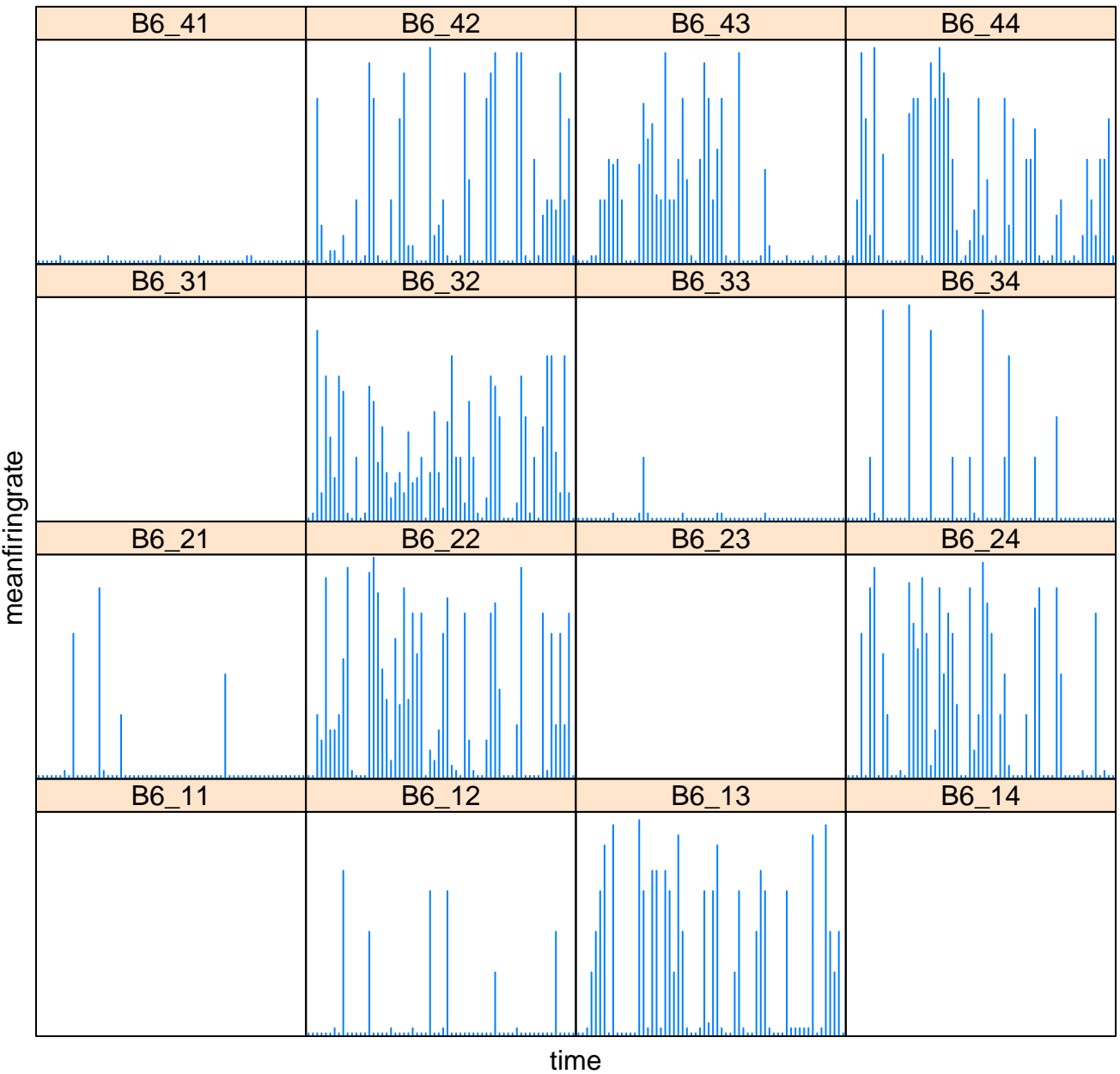
# Mean Firing Rate per Second for Well B5. Maximum firing rate:9 Hz

meanfiringrate



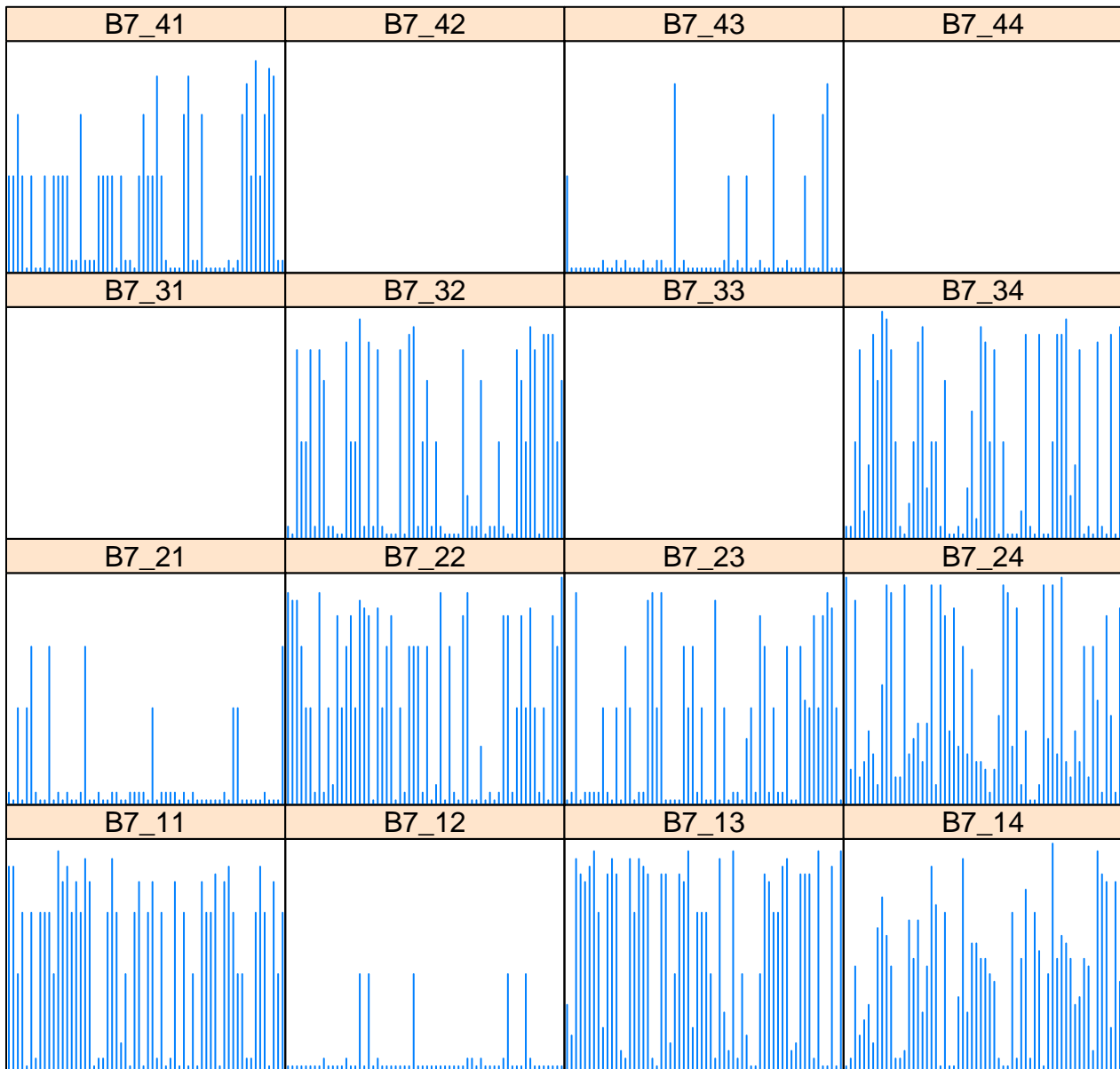
time

**Mean Firing Rate per Second for Well B6. Maximum firing rate:90 Hz**



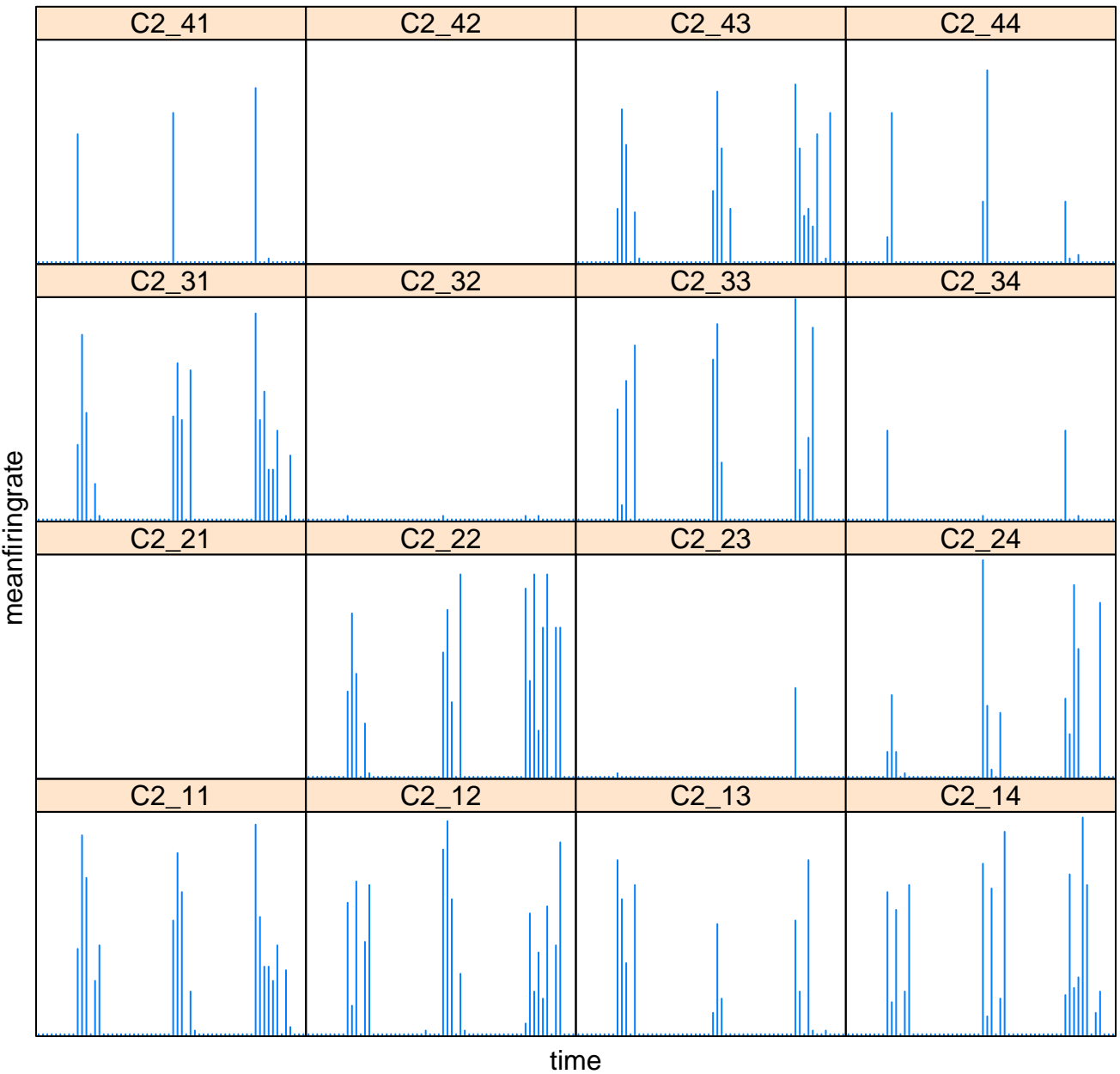
**Mean Firing Rate per Second for Well B7. Maximum firing rate:9 Hz**

meanfiringrate



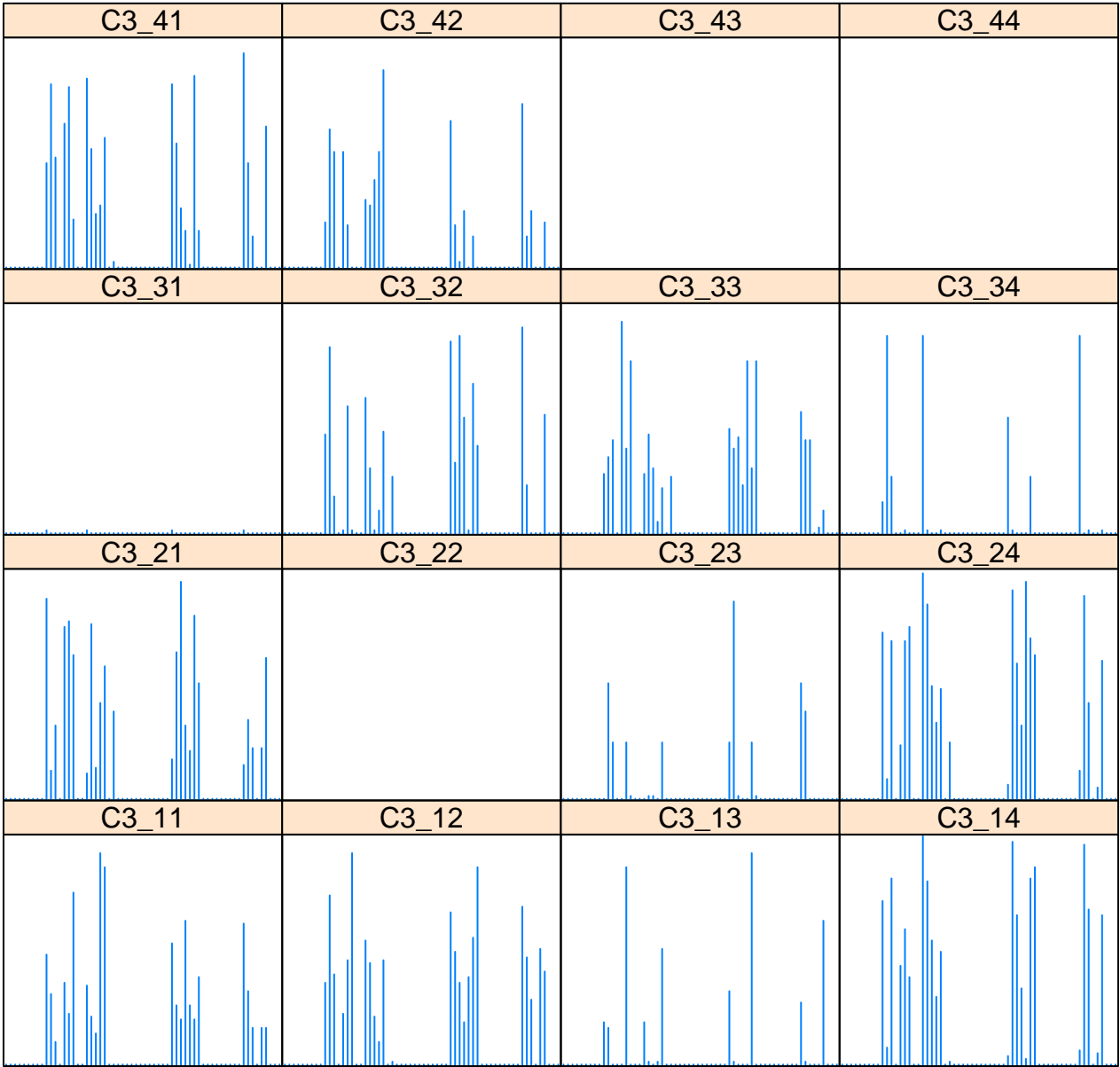
time

**Mean Firing Rate per Second for Well C2. Maximum firing rate:94 Hz**



**Mean Firing Rate per Second for Well C3. Maximum firing rate:99 Hz**

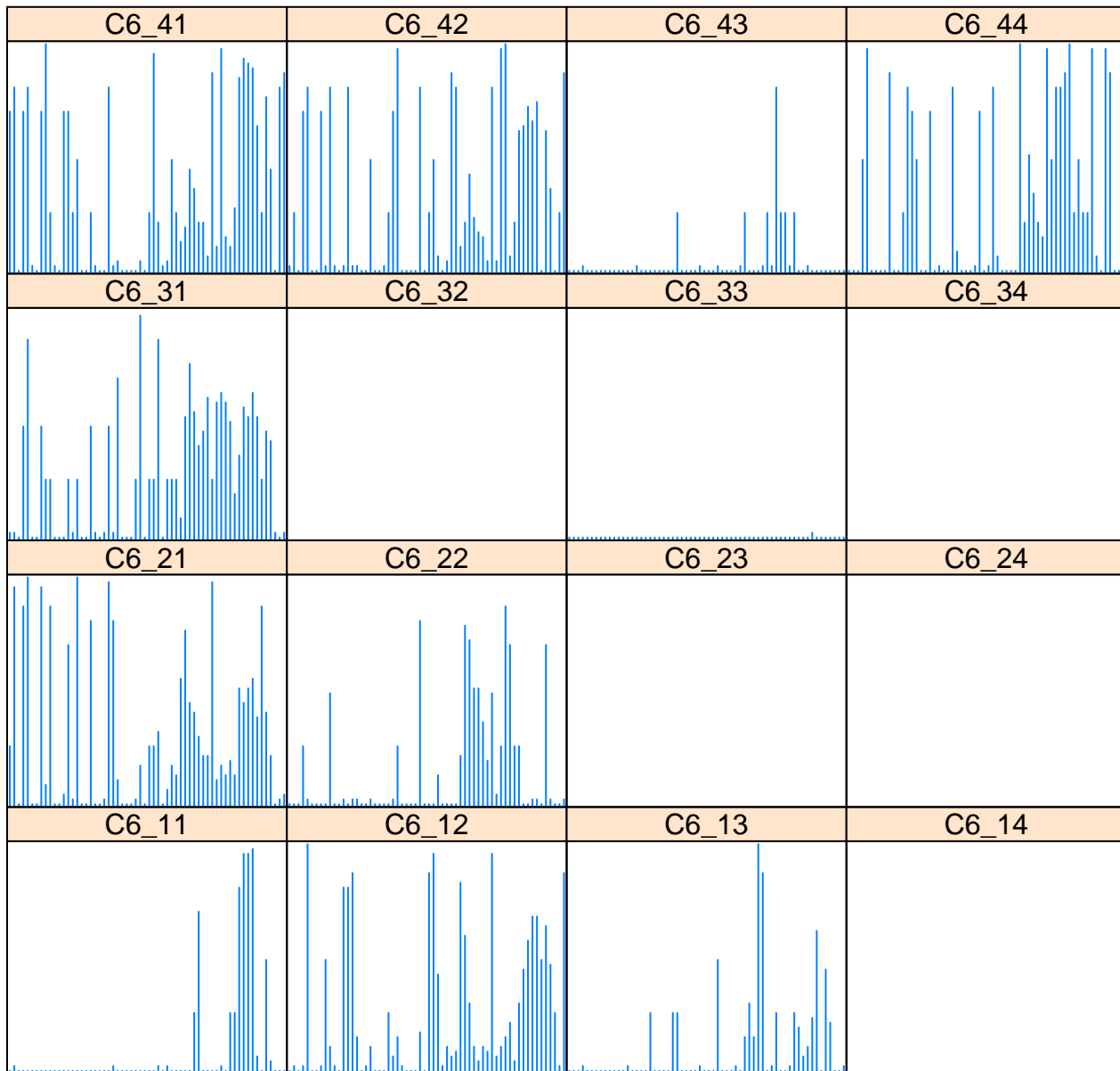
meanfiringrate



time

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

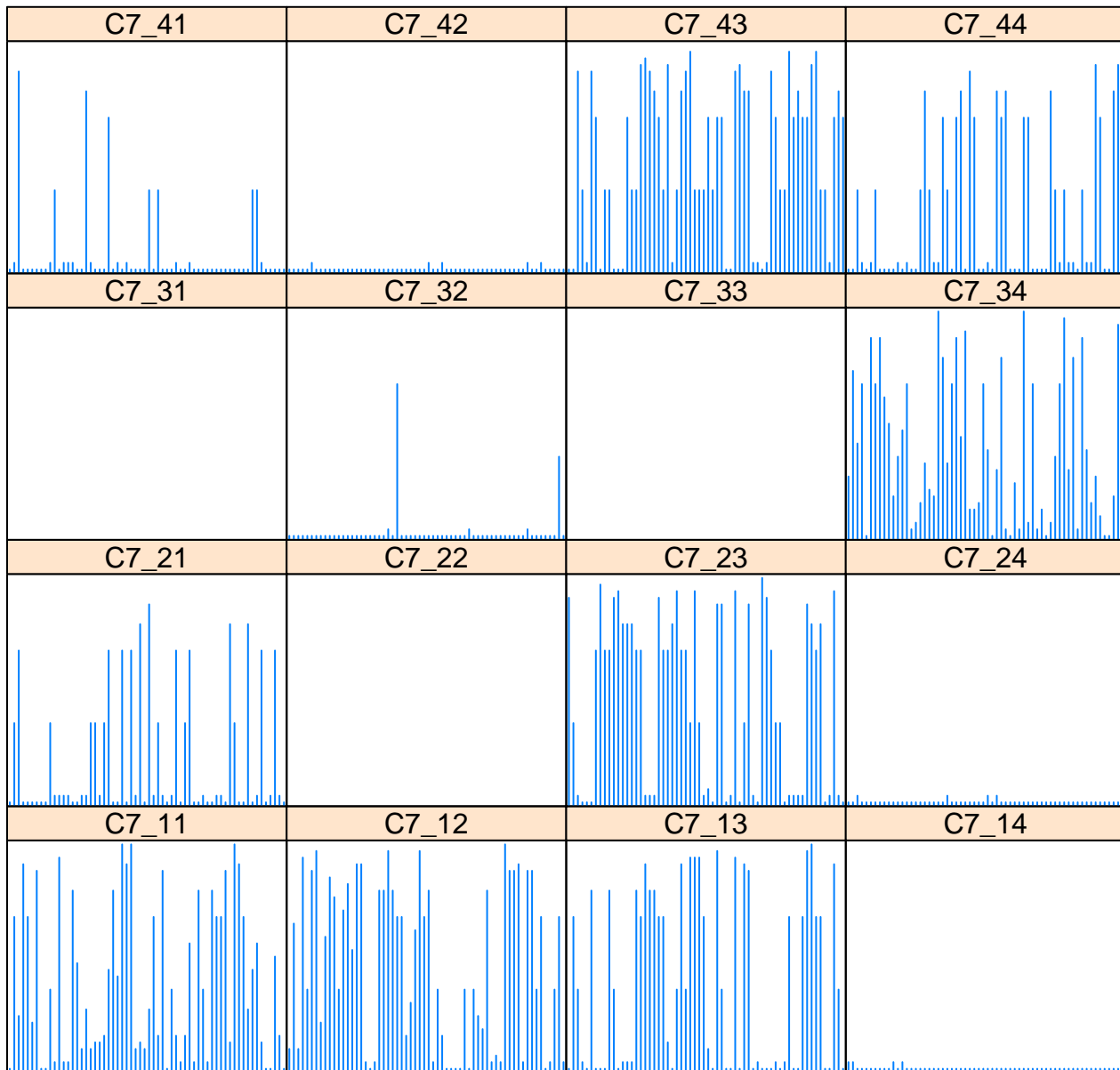
meanfiringrate



time

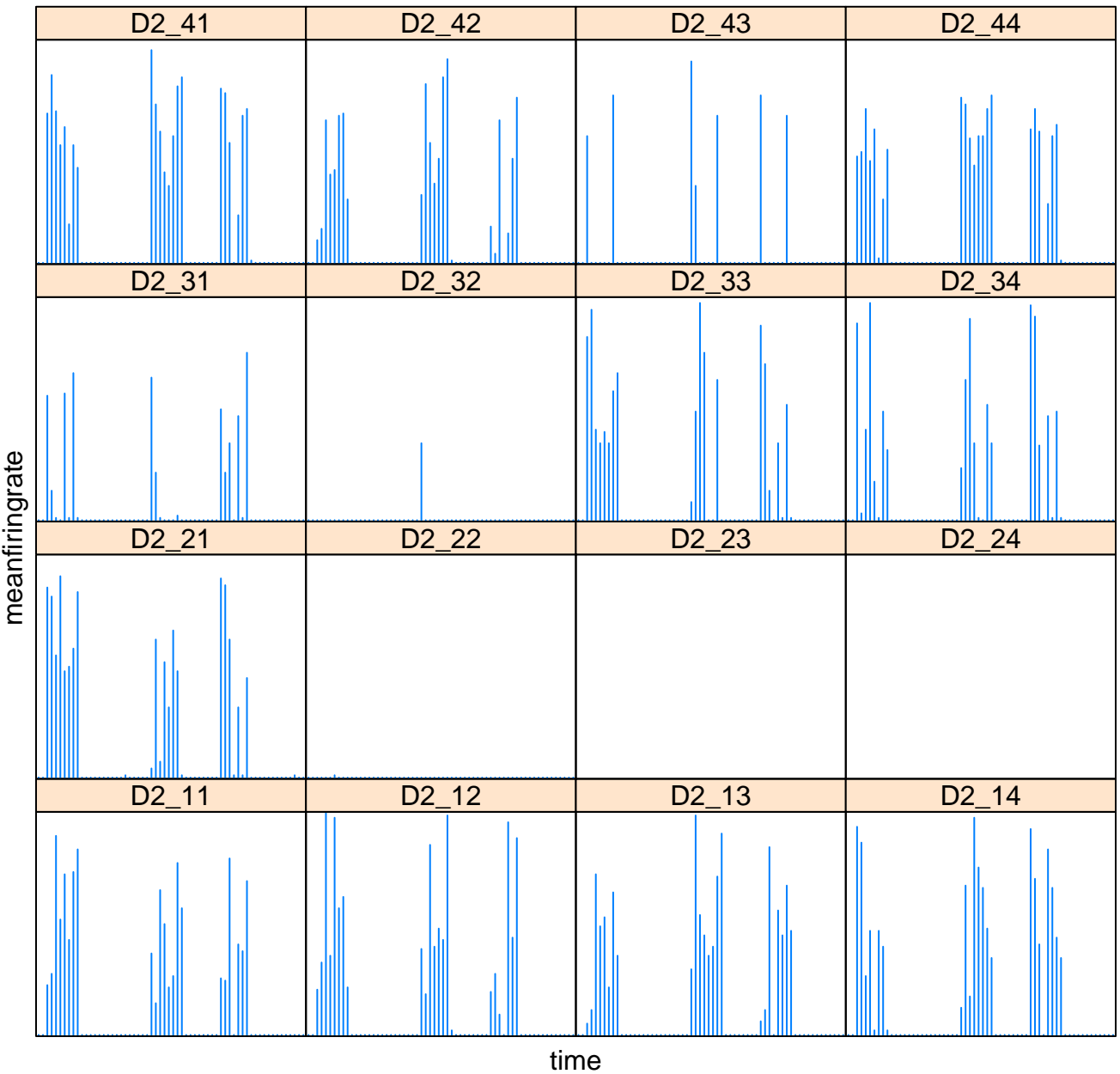
# Mean Firing Rate per Second for Well C7. Maximum firing rate:9 Hz

meanfiringrate



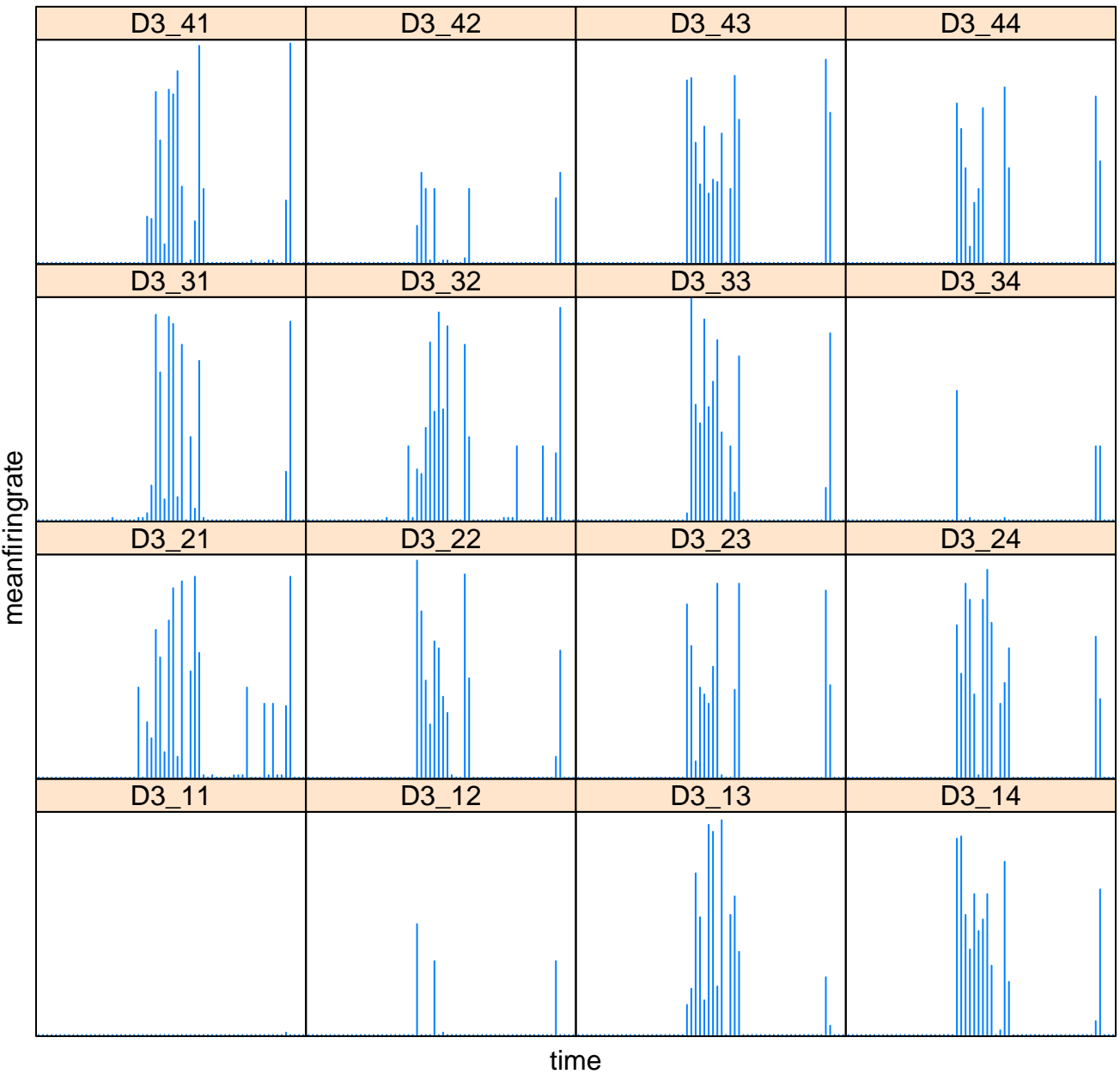
time

Mean Firing Rate per Second for Well D2. Maximum firing rate:95 Hz



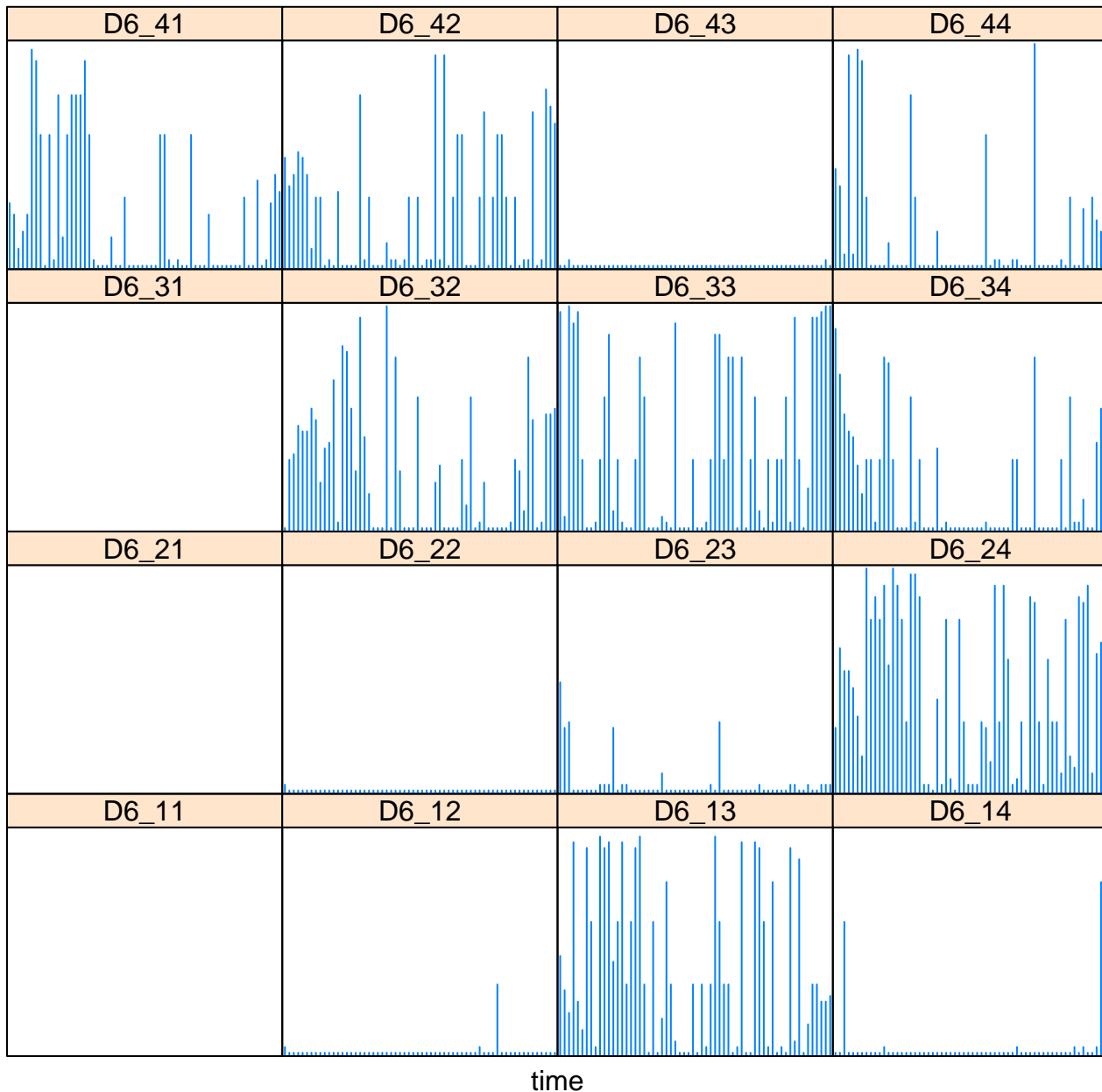


**Mean Firing Rate per Second for Well D3. Maximum firing rate:99 Hz**



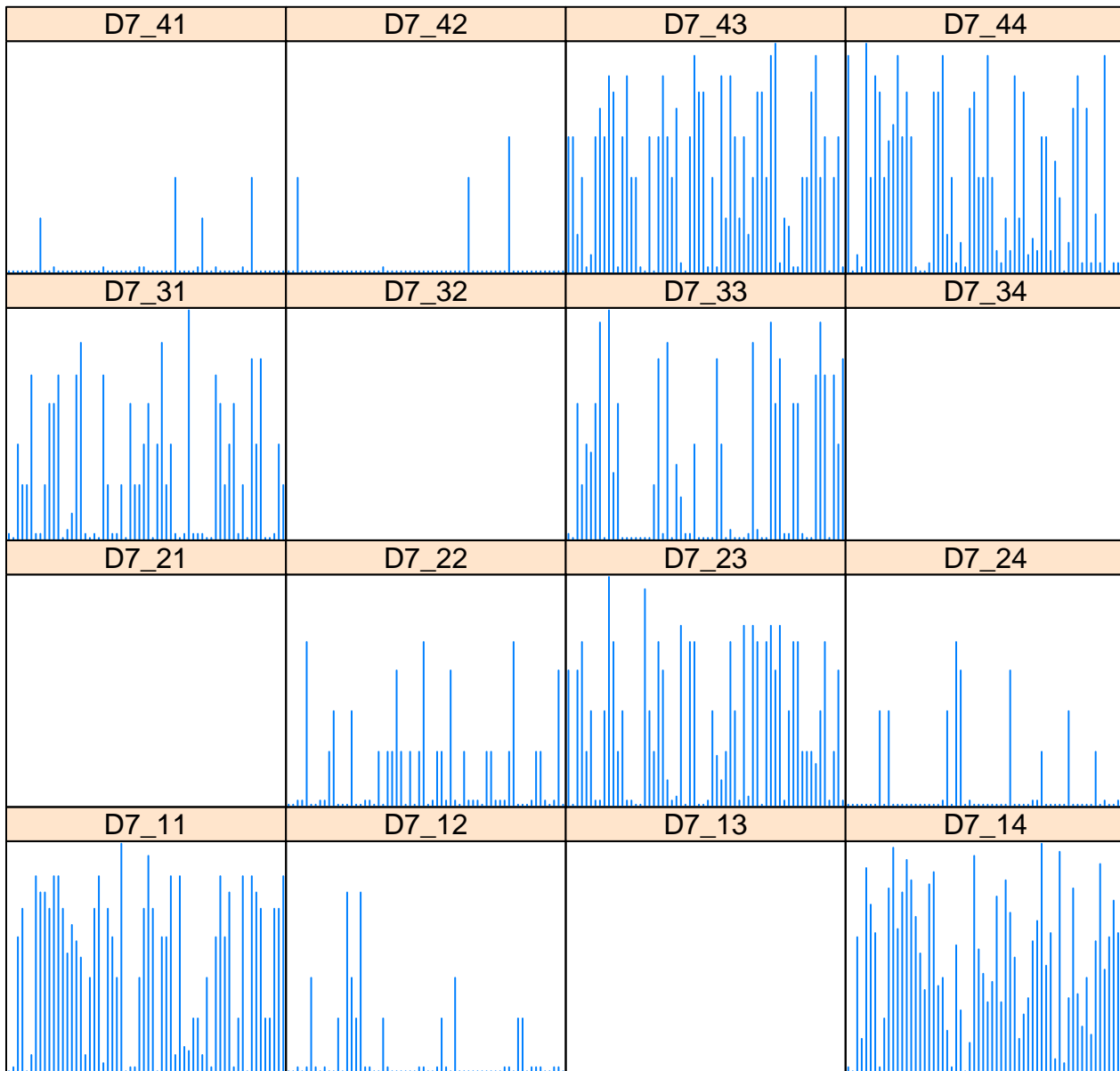
# Mean Firing Rate per Second for Well D6. Maximum firing rate:9 Hz

meanfiringrate



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

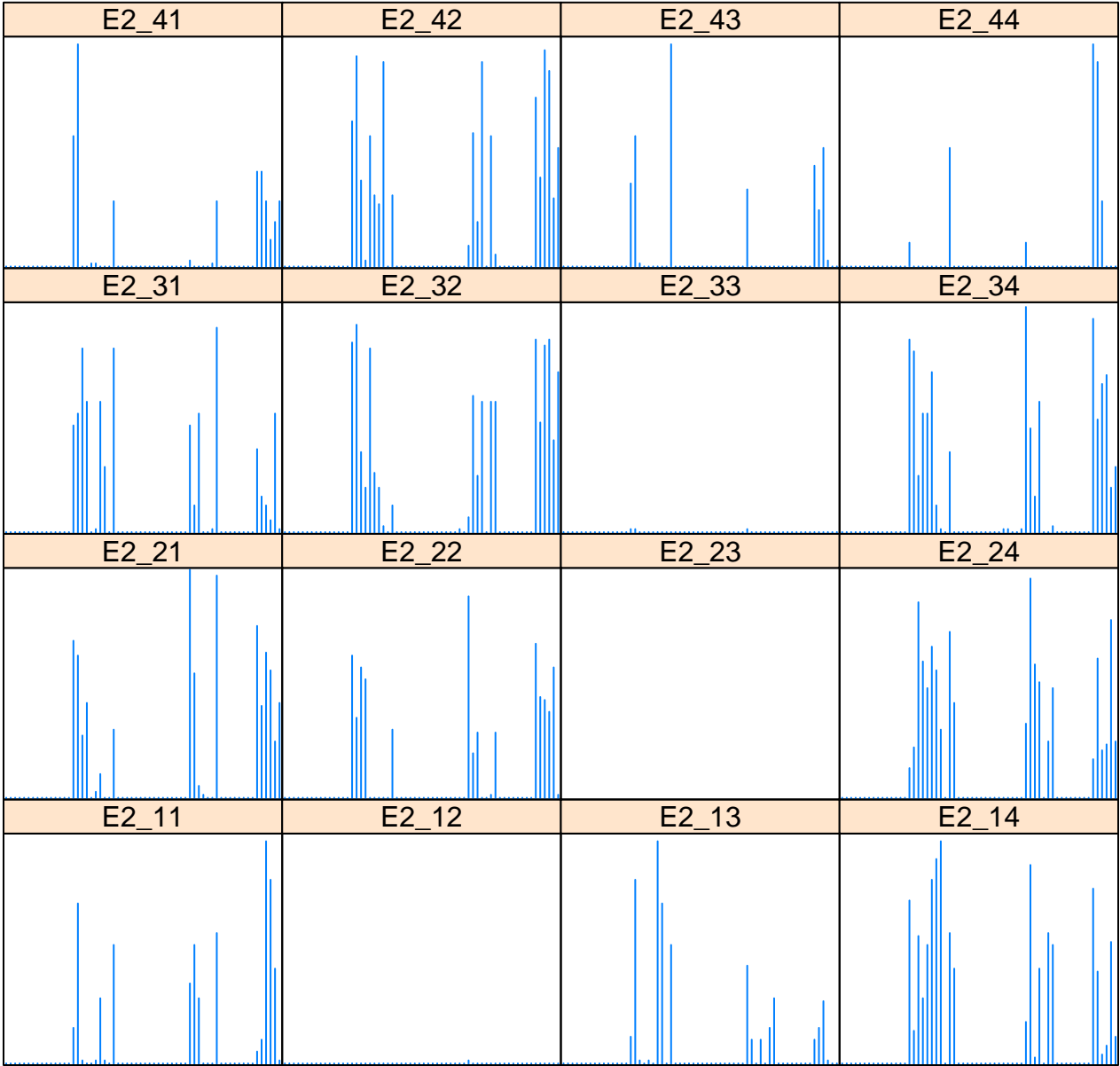
meanfiringrate



time

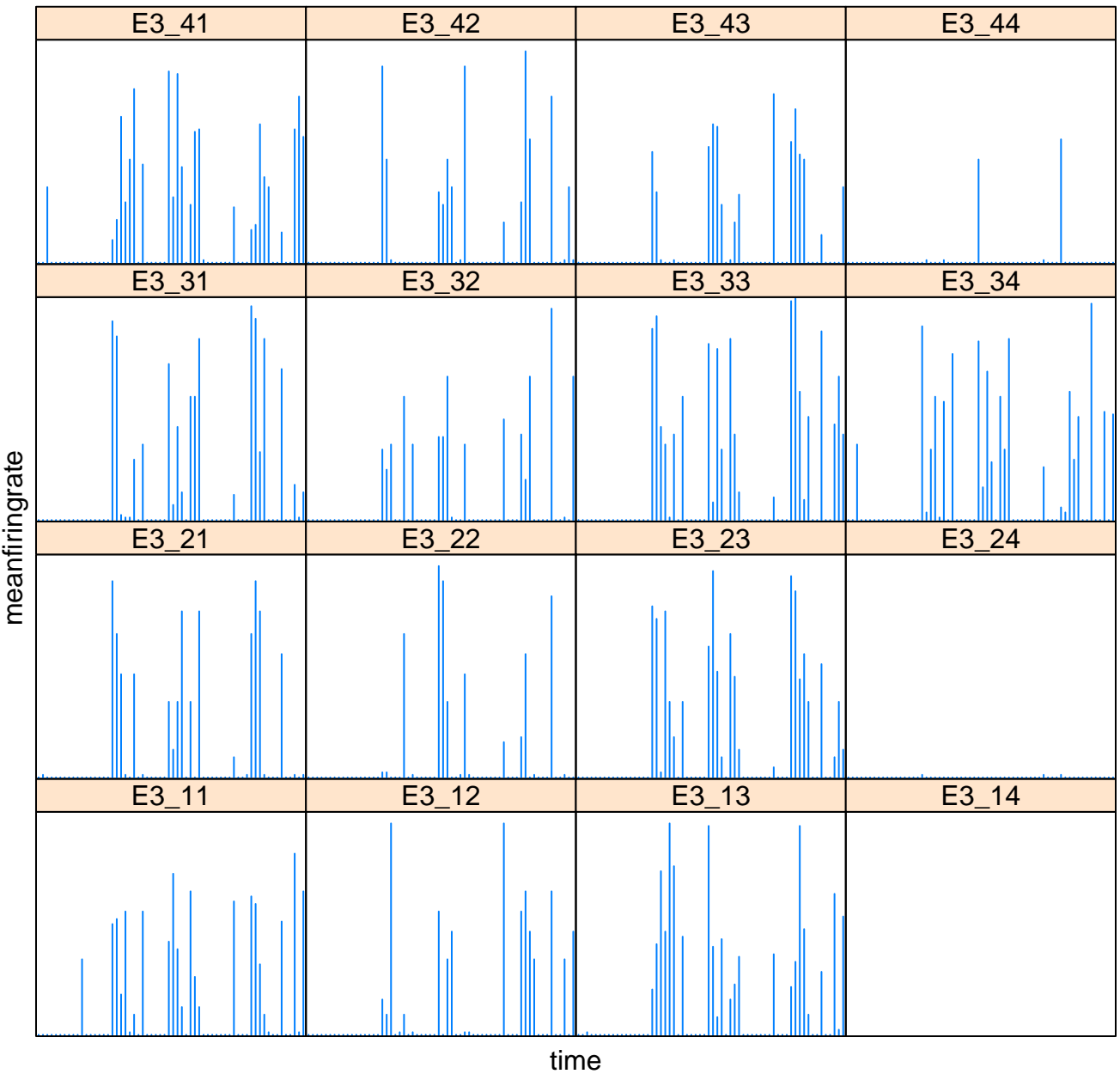
**Mean Firing Rate per Second for Well E2. Maximum firing rate:99 Hz**

meanfiringrate

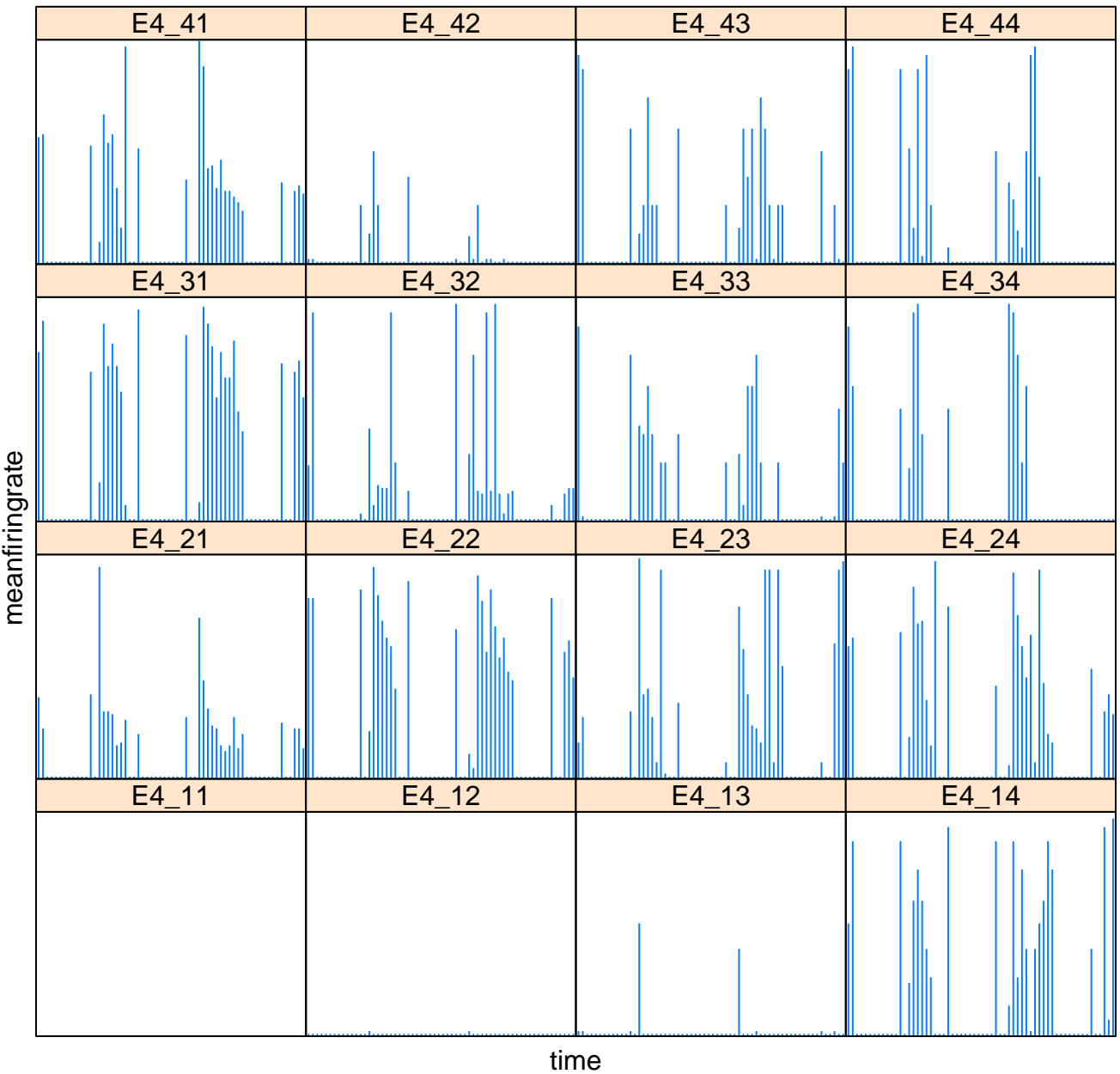


time

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

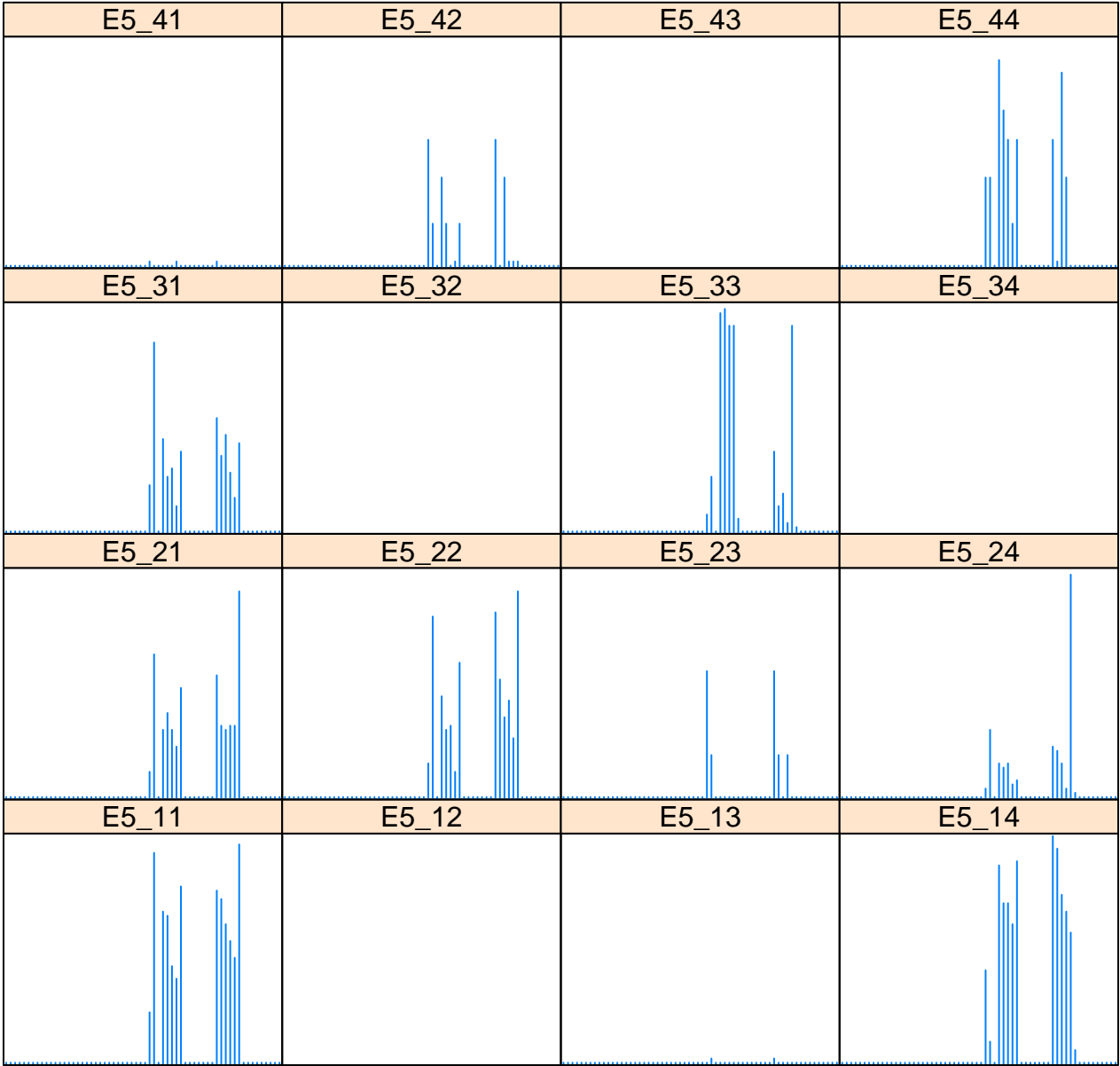


**Mean Firing Rate per Second for Well E4. Maximum firing rate:93 Hz**



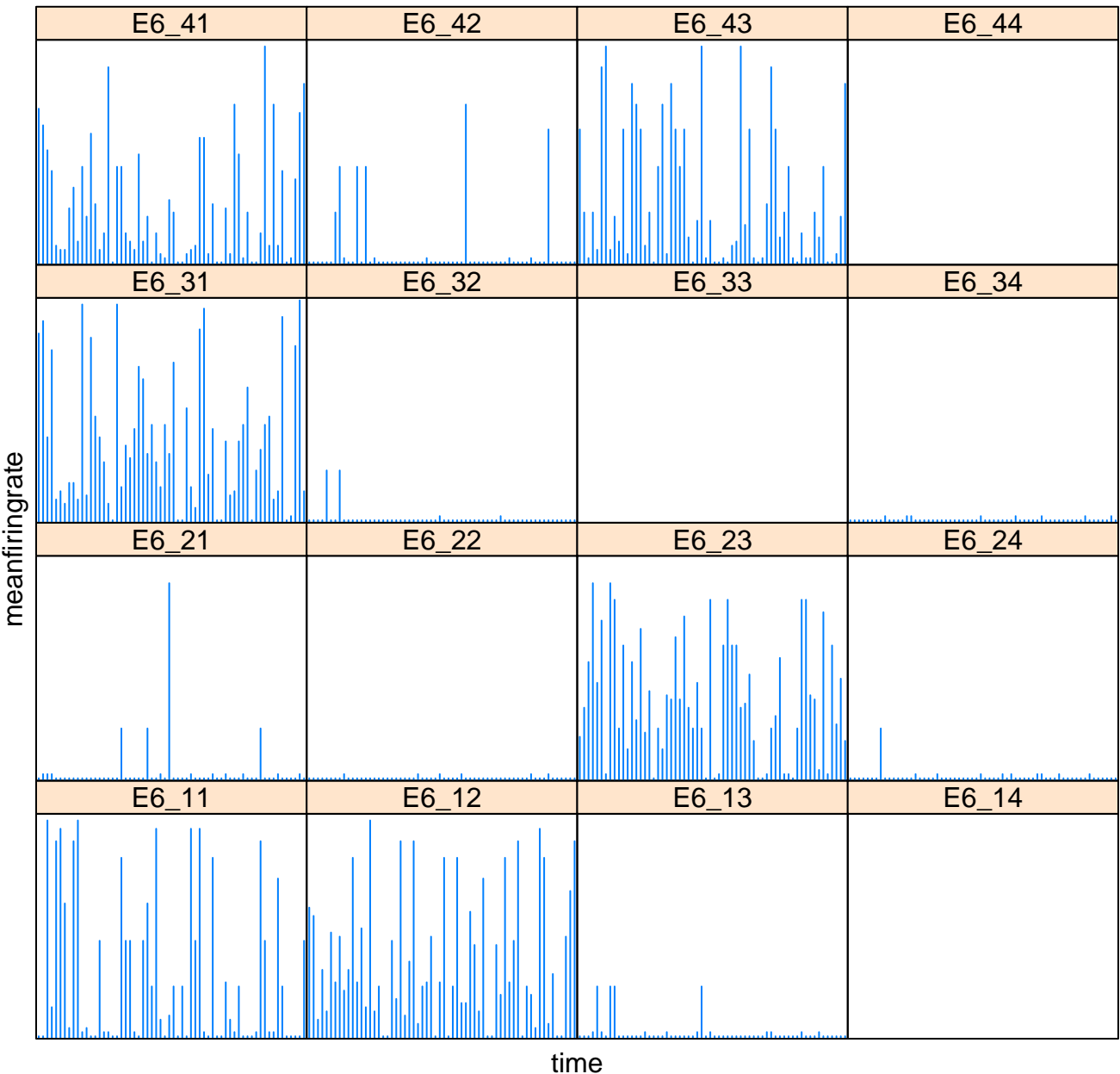
**Mean Firing Rate per Second for Well E5. Maximum firing rate:96 Hz**

meanfiringrate



time

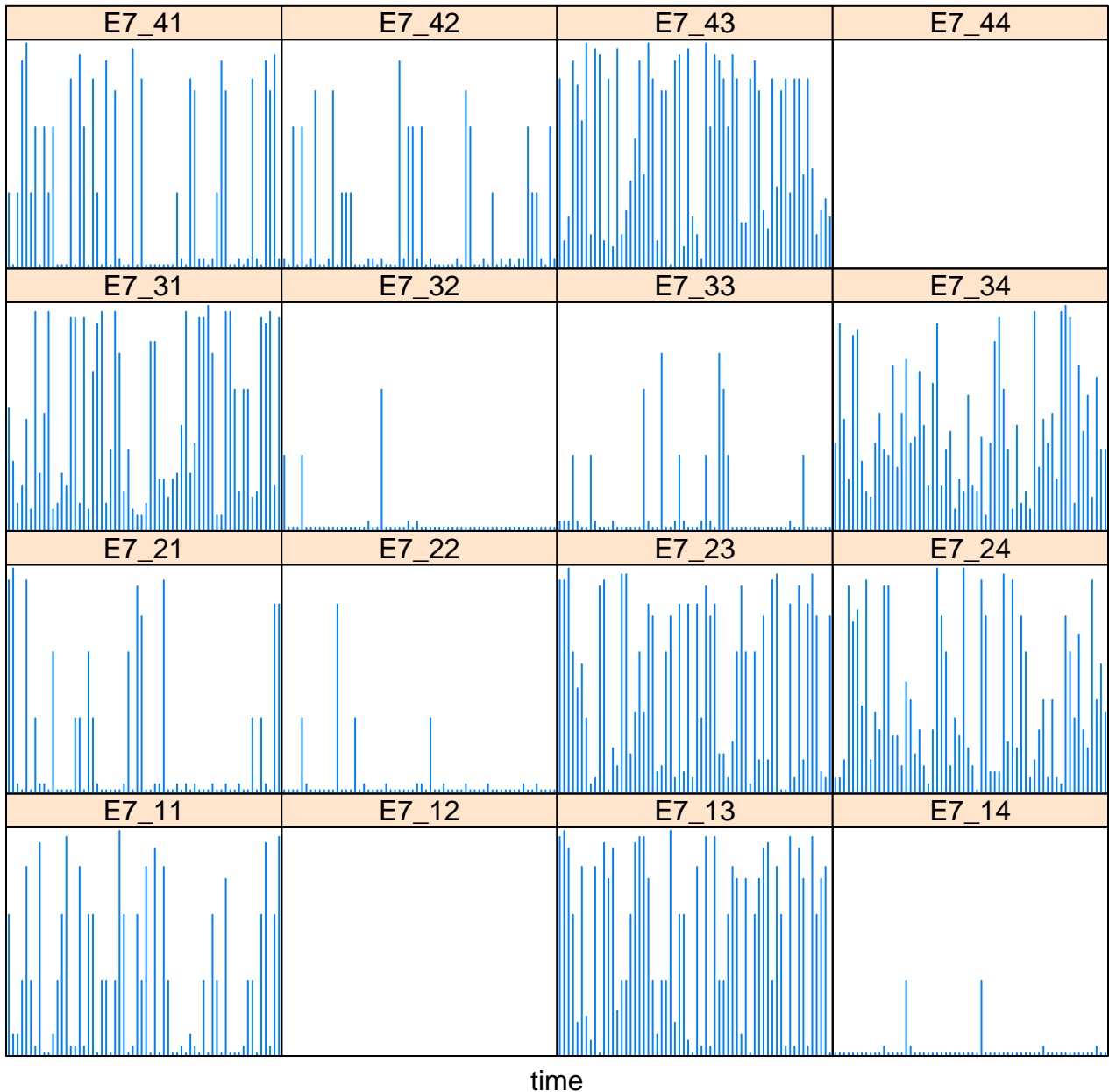
**Mean Firing Rate per Second for Well E6. Maximum firing rate:93 Hz**



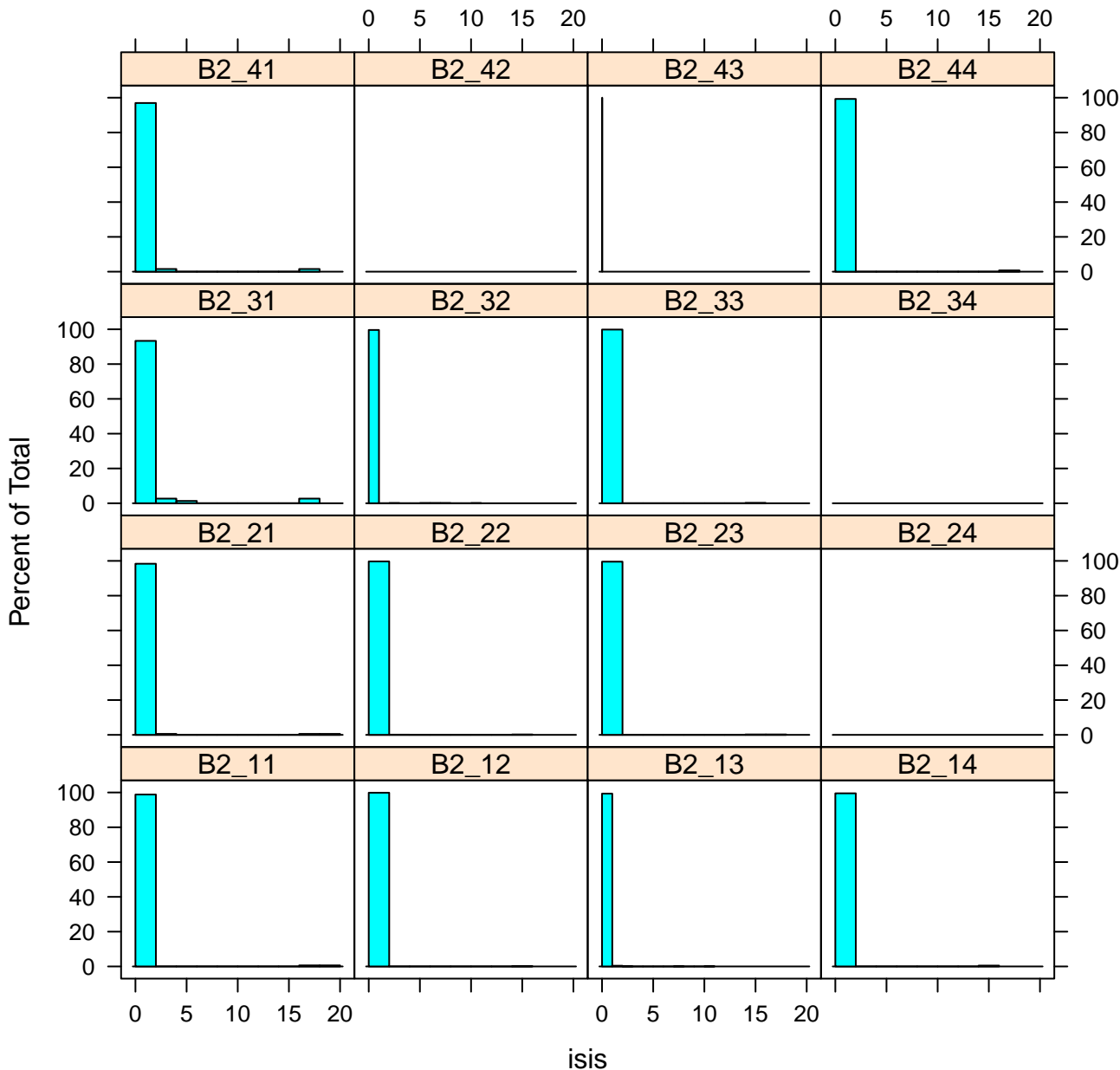


**Mean Firing Rate per Second for Well E7. Maximum firing rate:9 Hz**

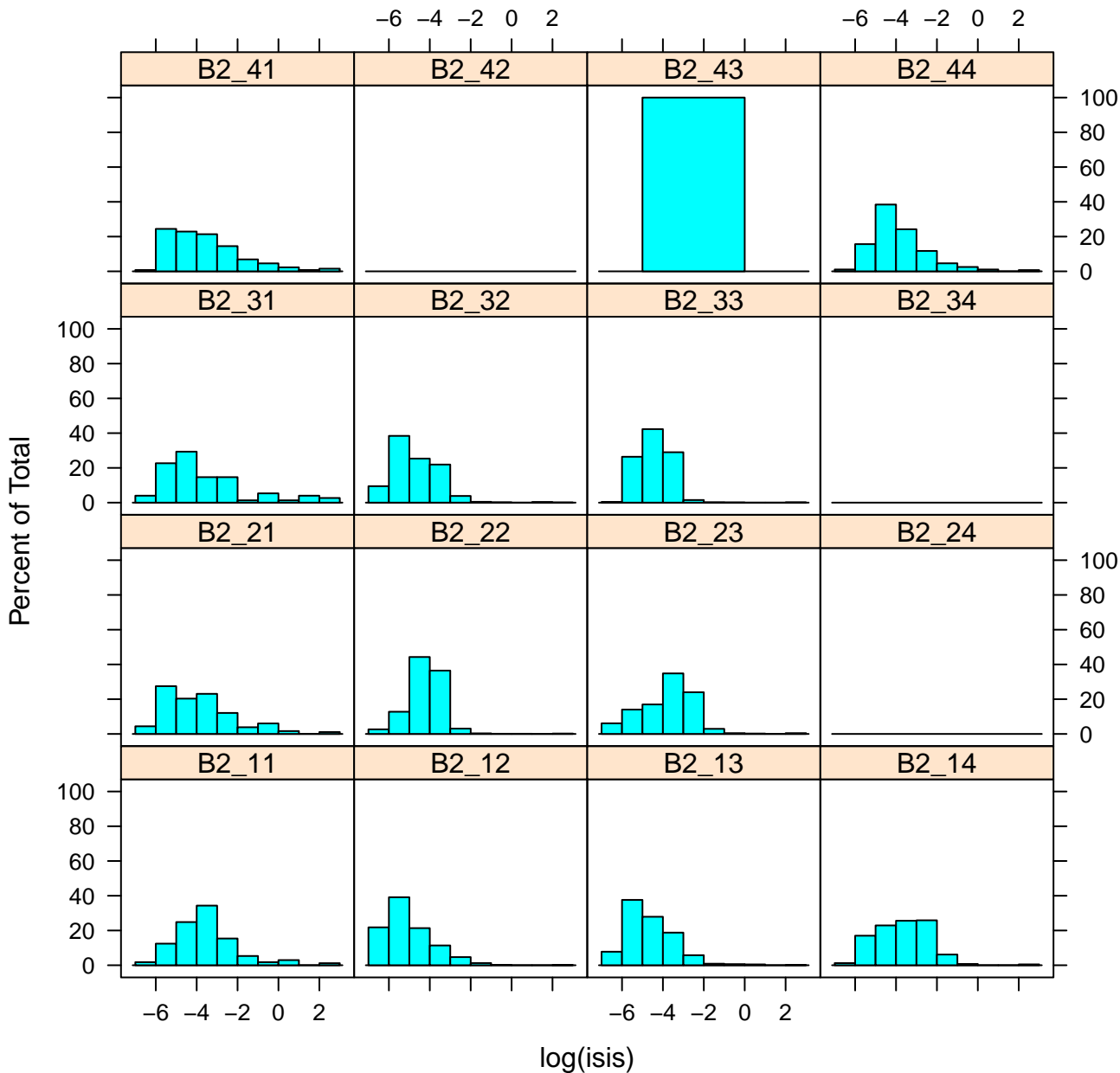
meanfiringrate



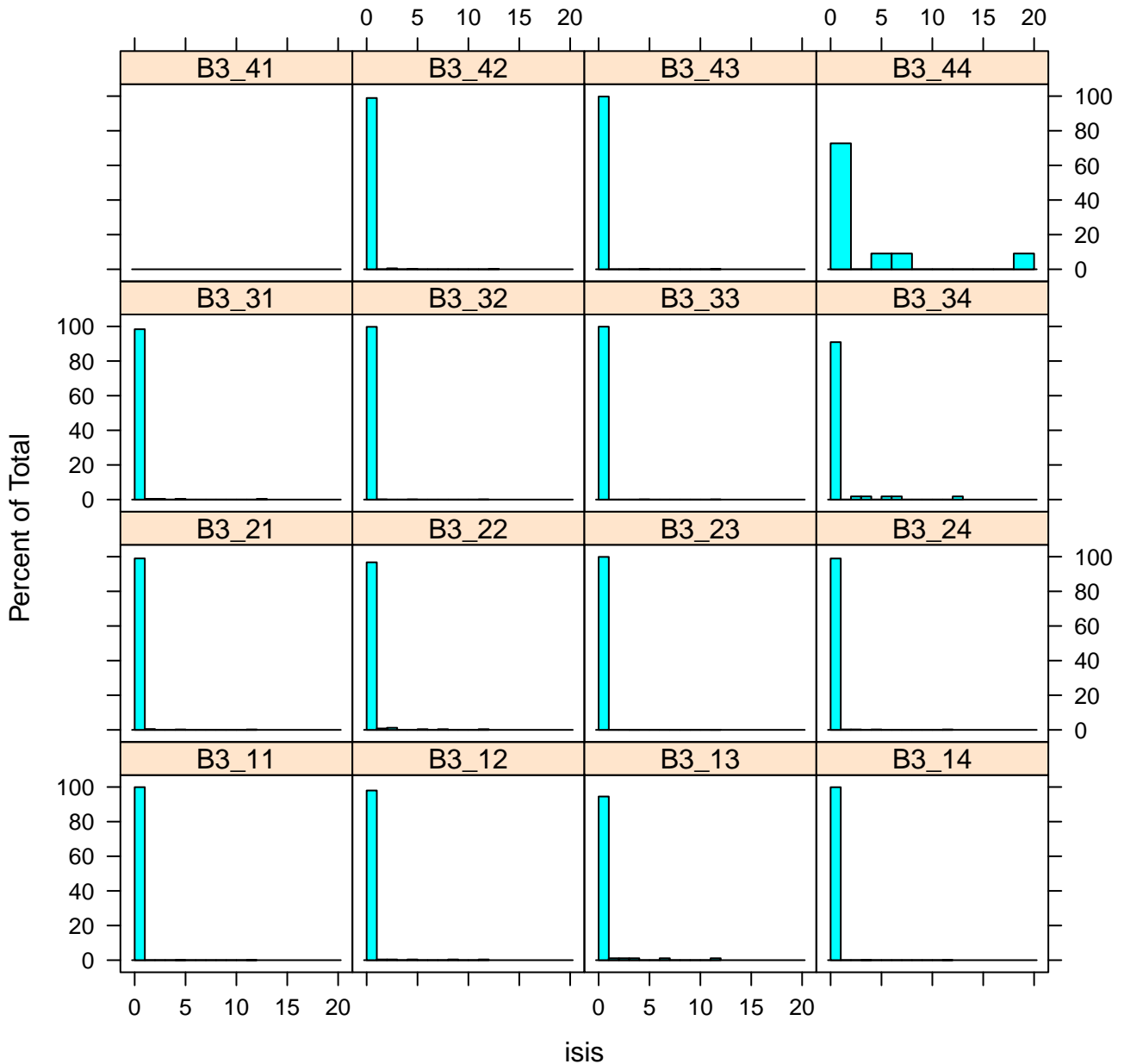
# ISIs histogram plot for B2



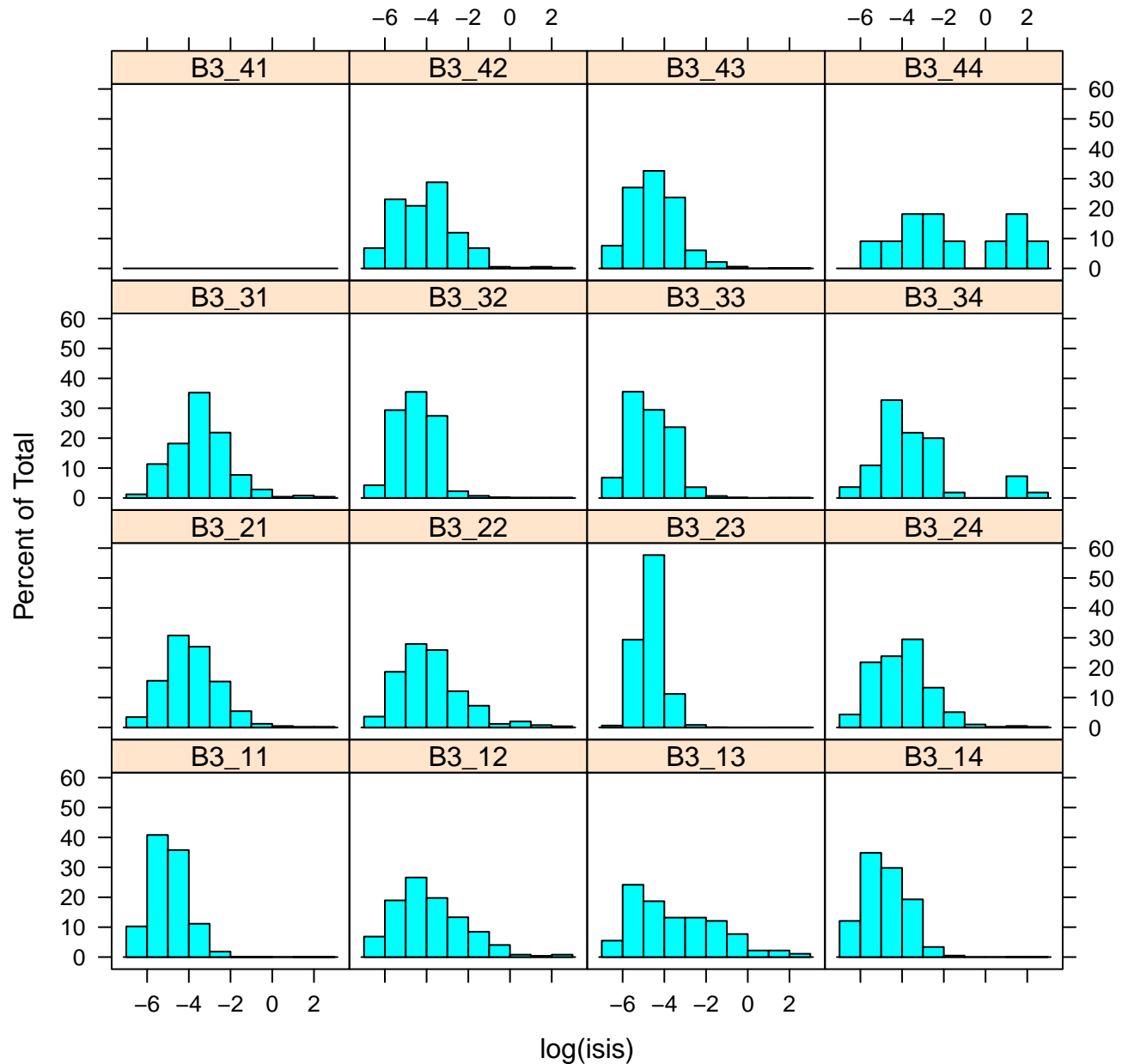
# log(ISIs) histogram plot for B2



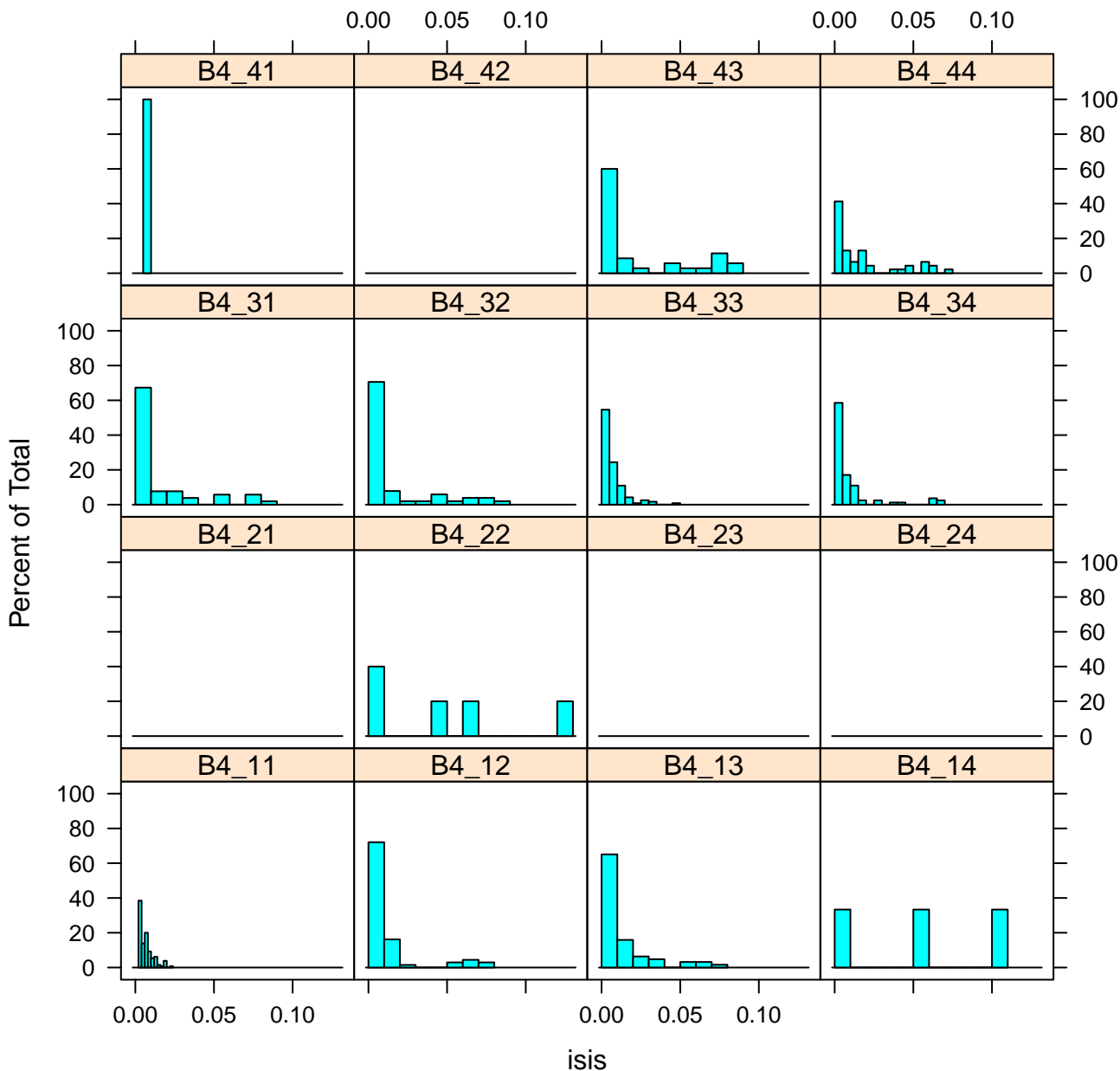
# ISIs histogram plot for B3



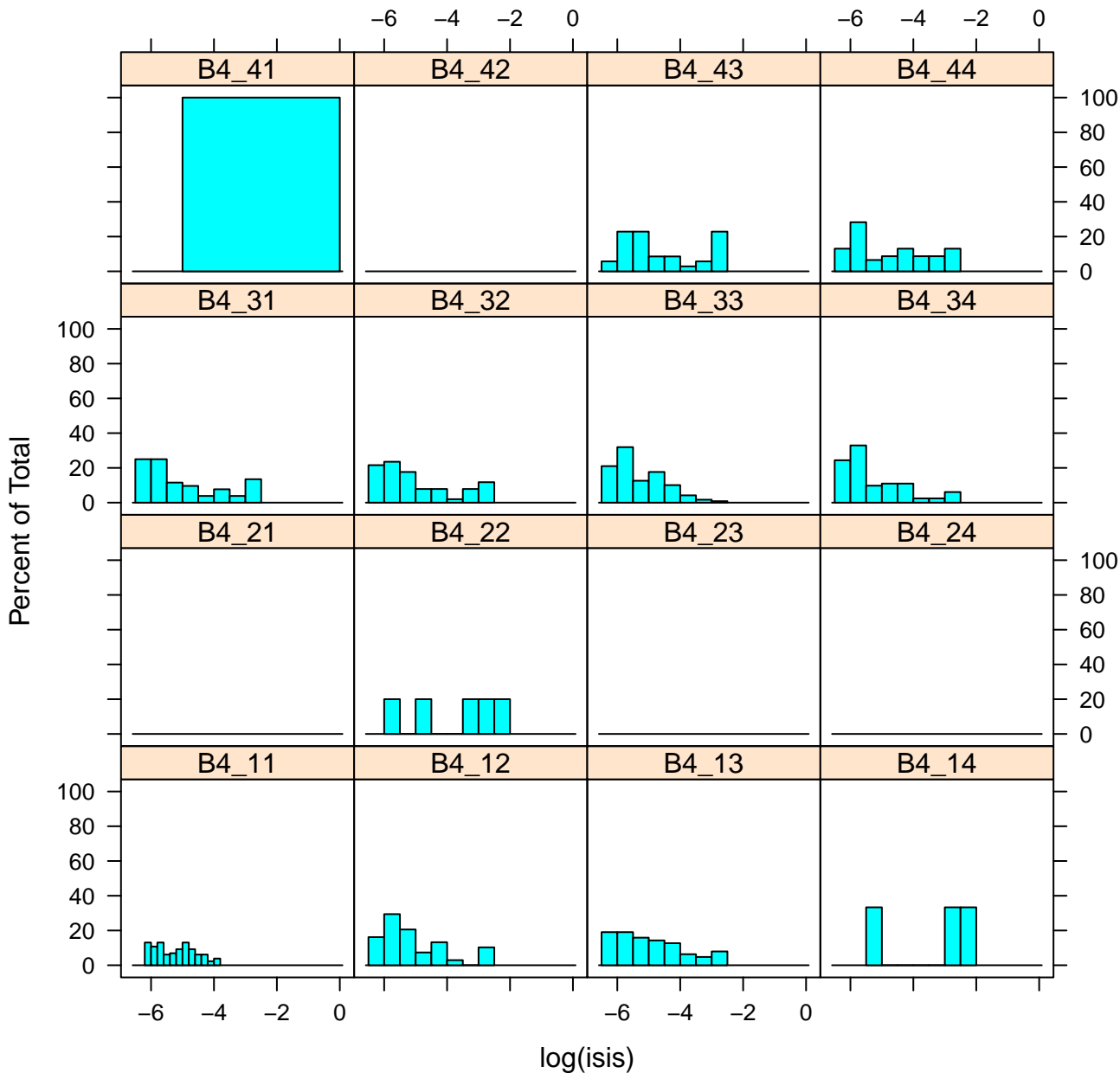
# log(ISIs) histogram plot for B3



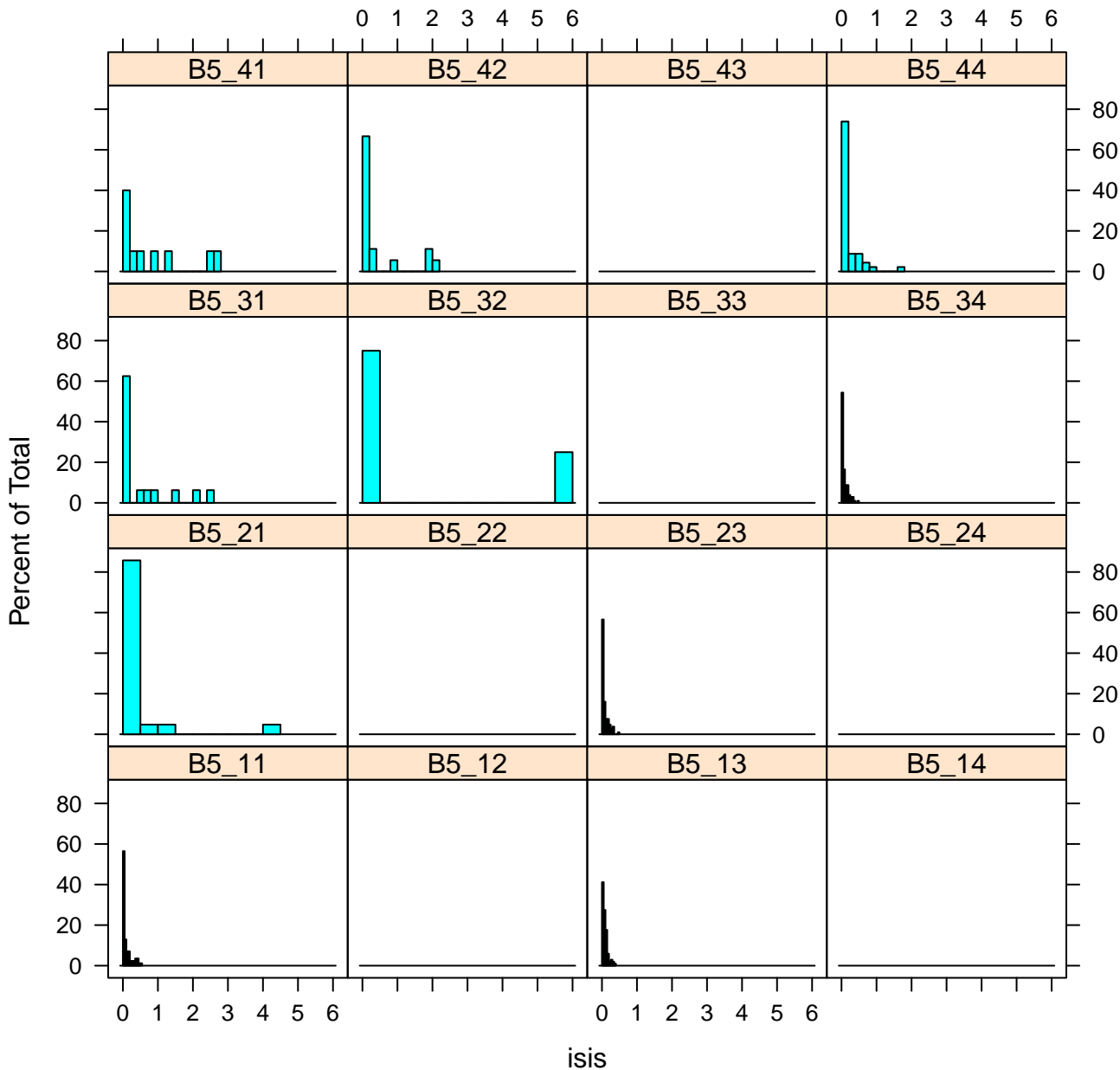
# ISIs histogram plot for B4



# log(ISIs) histogram plot for B4

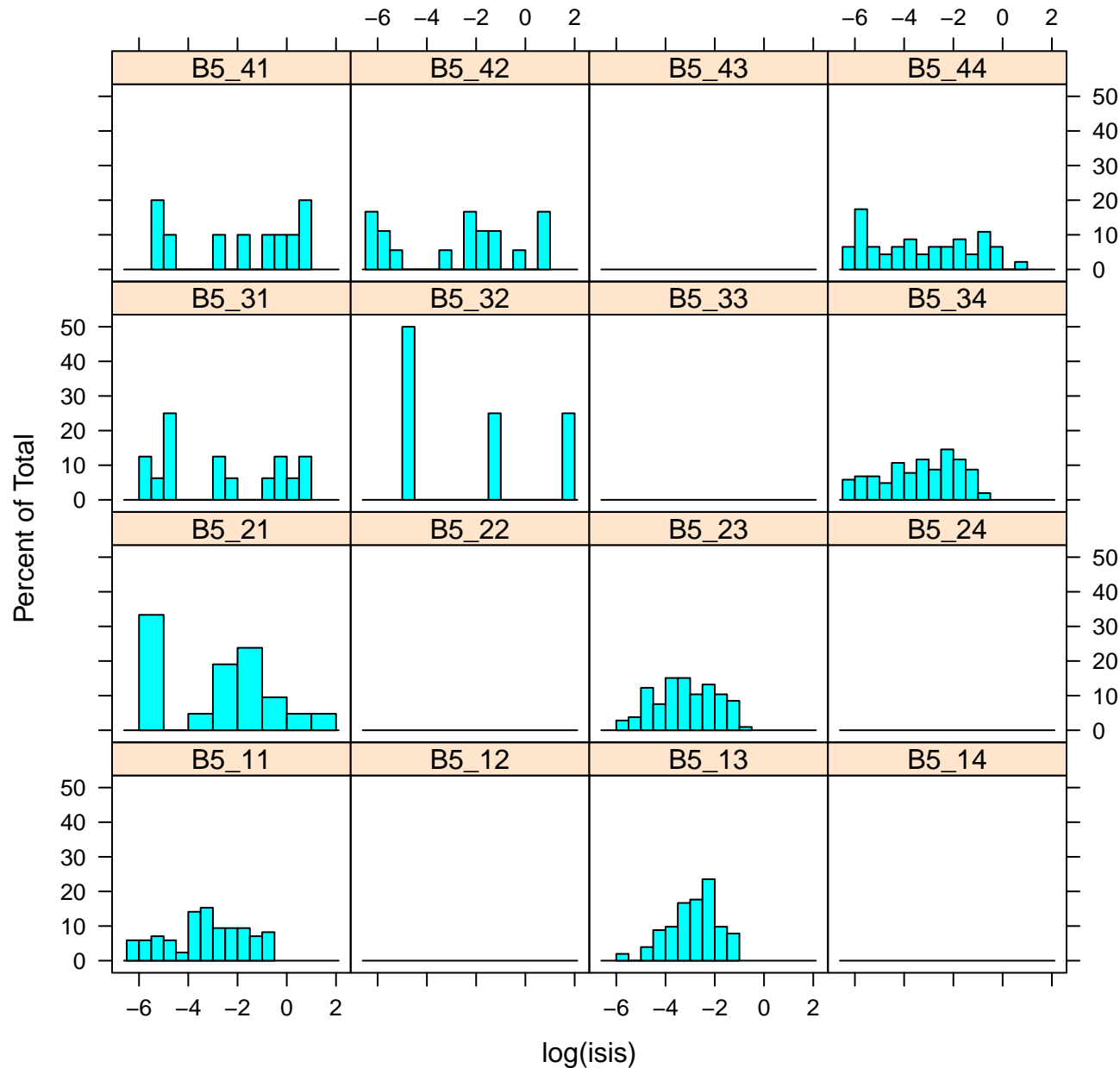


ISIs histogram plot for B5

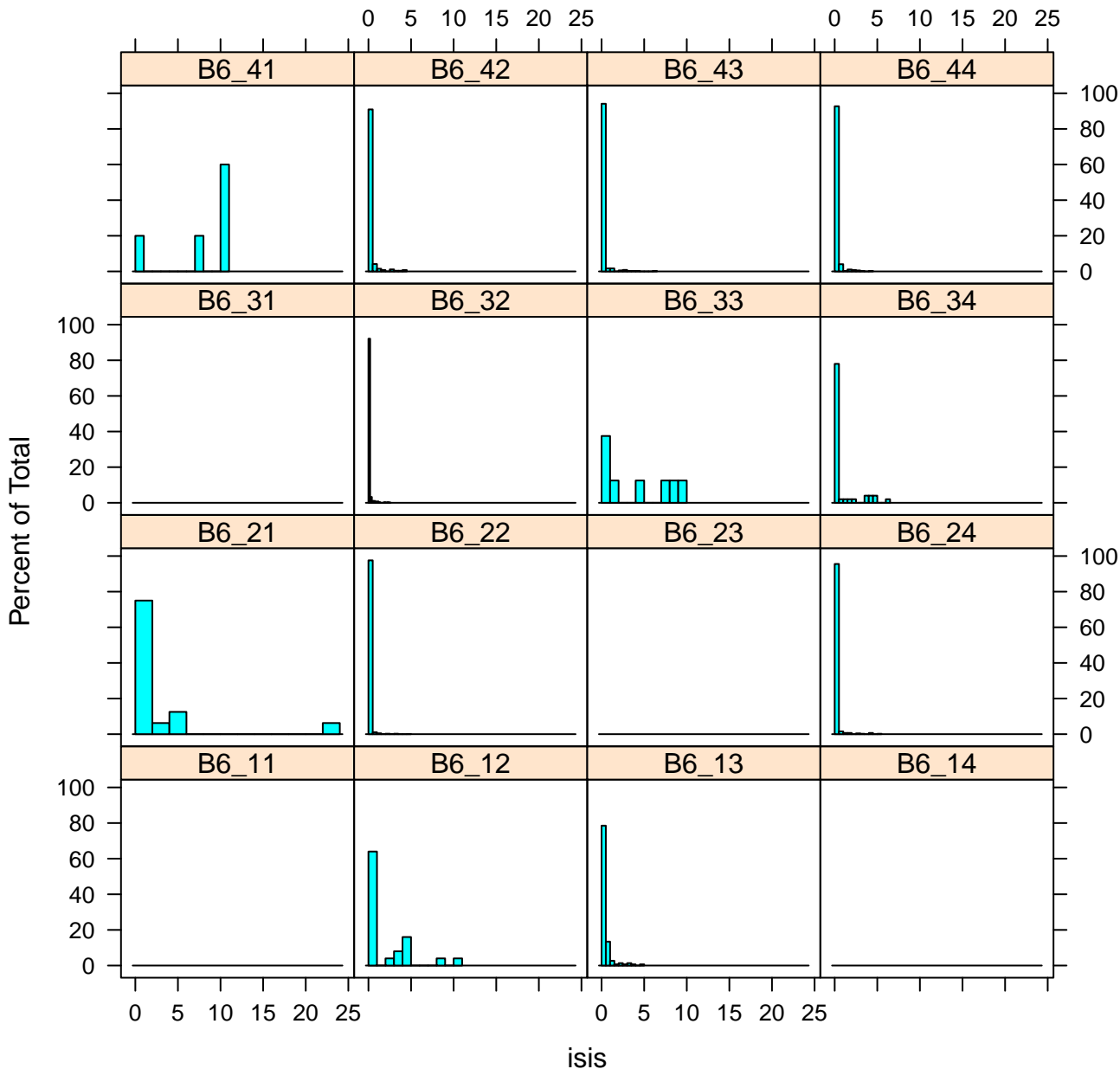




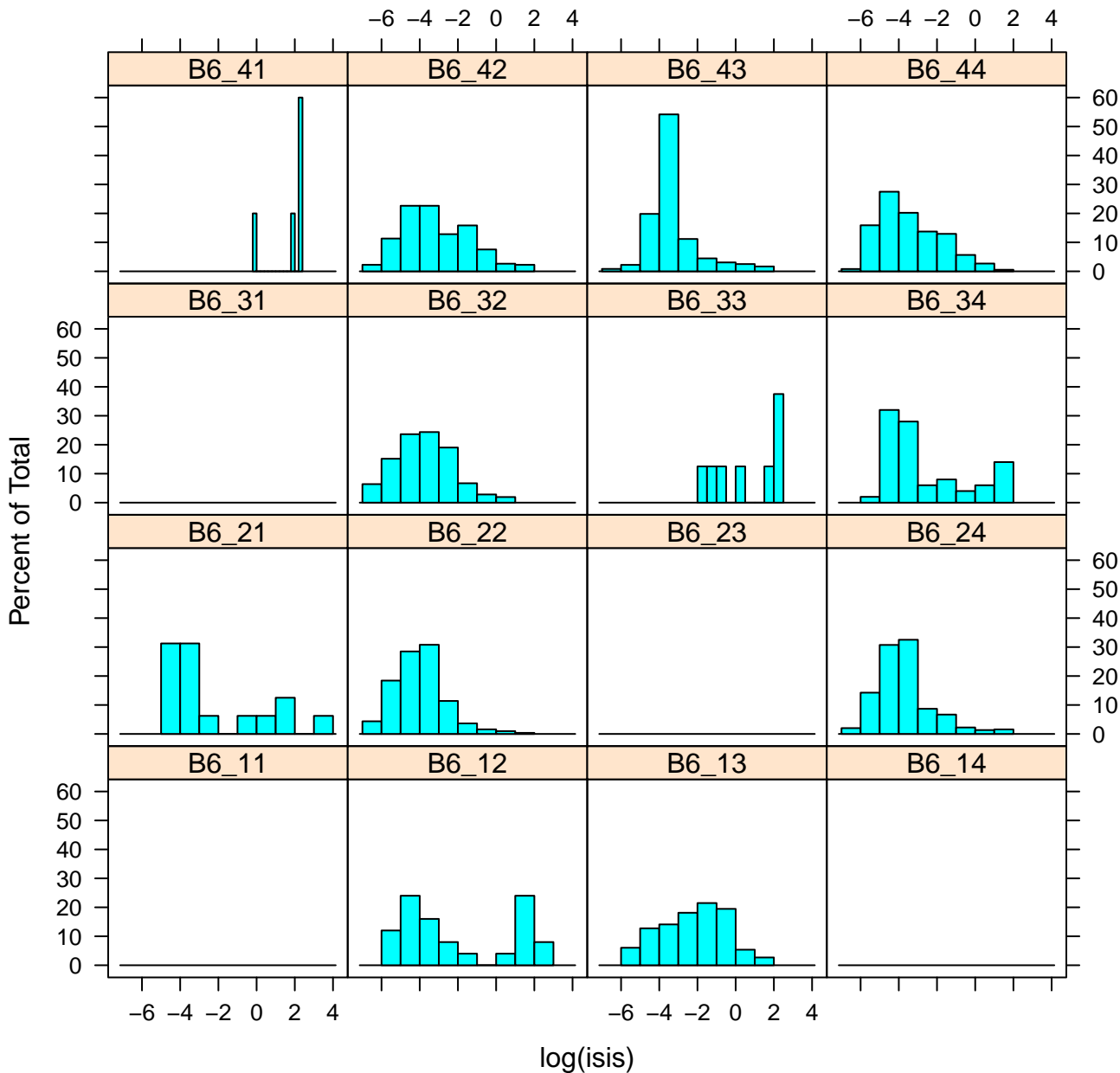
# log(ISIs) histogram plot for B5



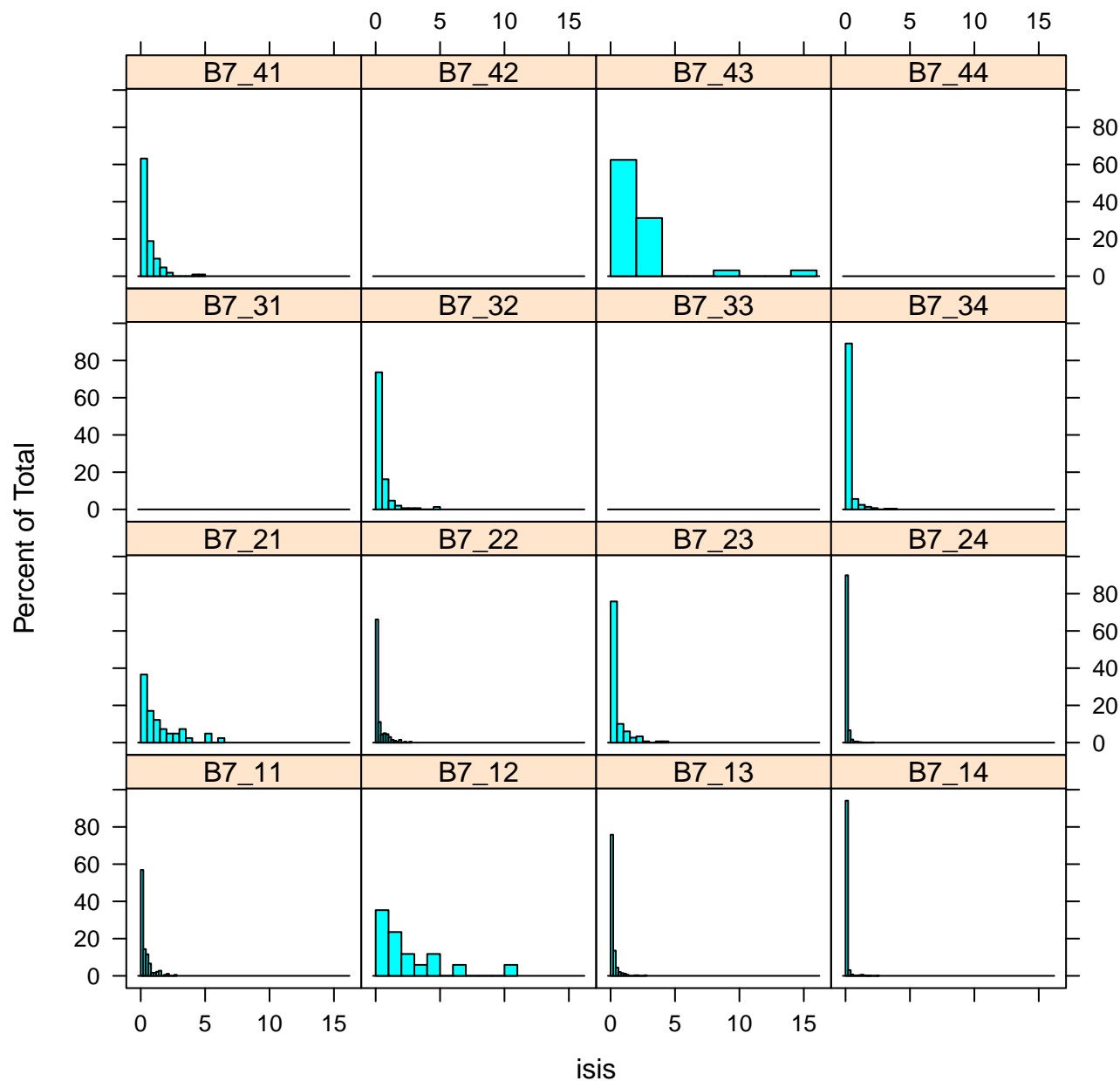
# ISIs histogram plot for B6



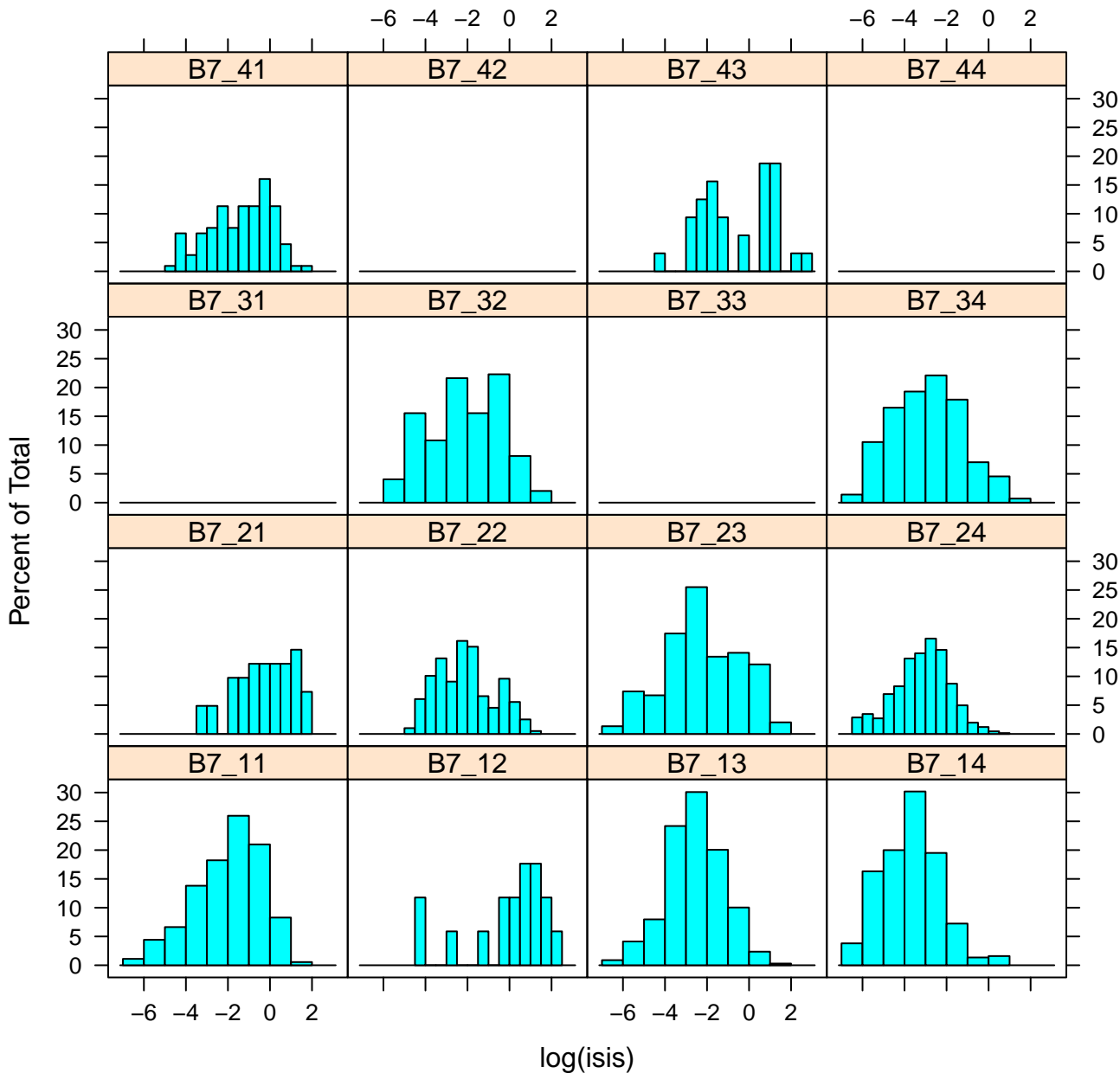
# log(ISIs) histogram plot for B6



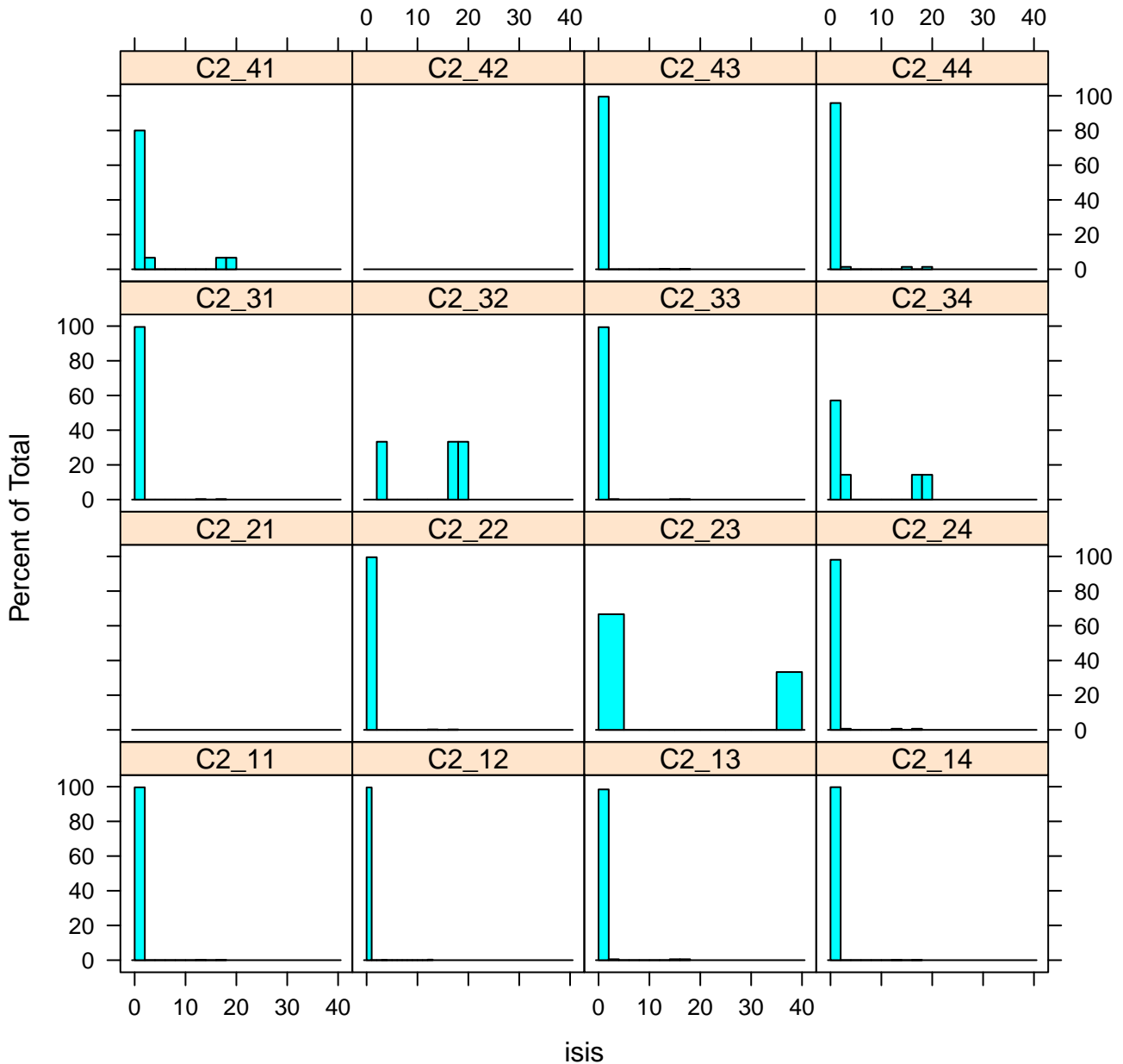
# ISIs histogram plot for B7



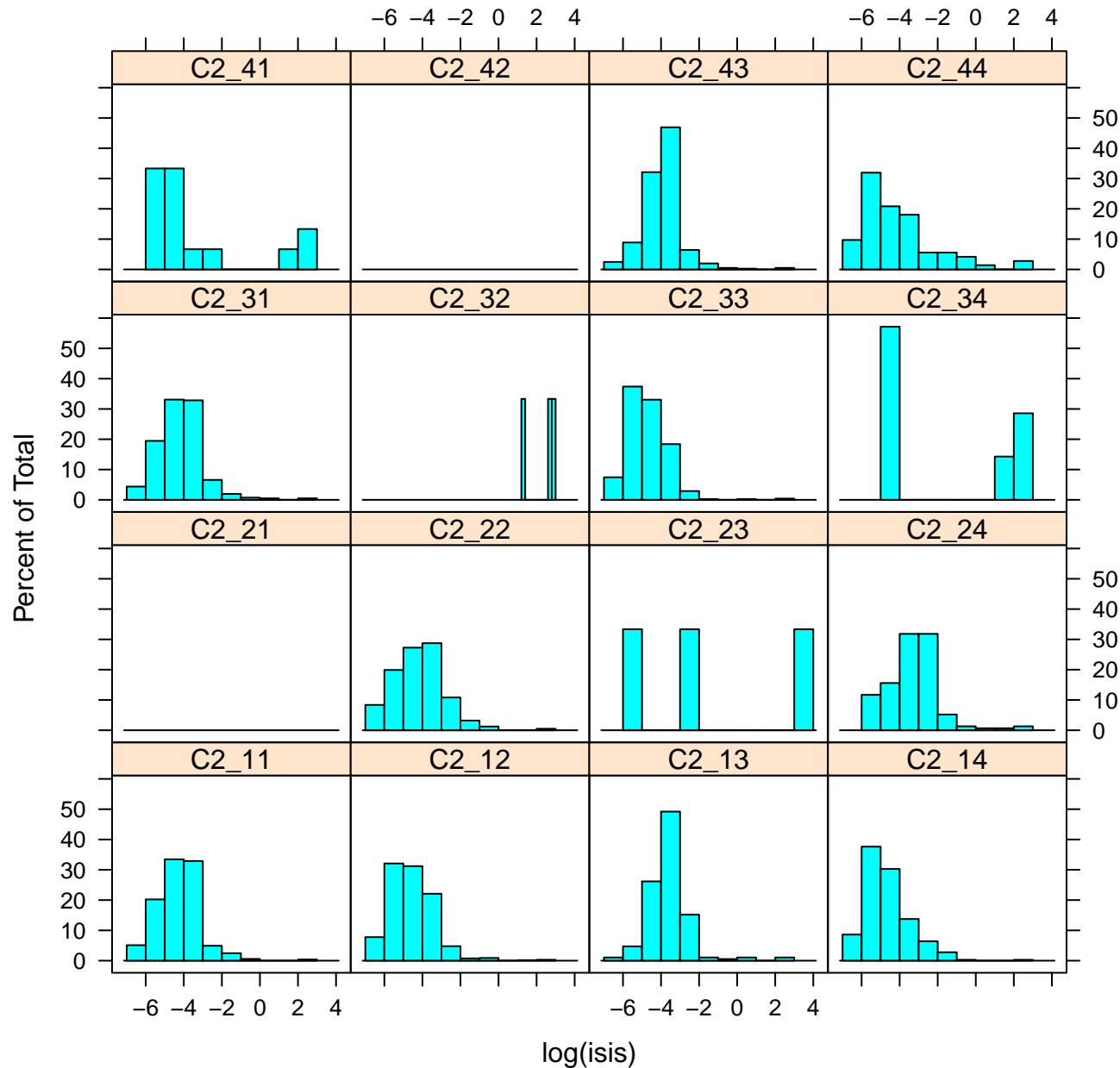
# log(ISIs) histogram plot for B7



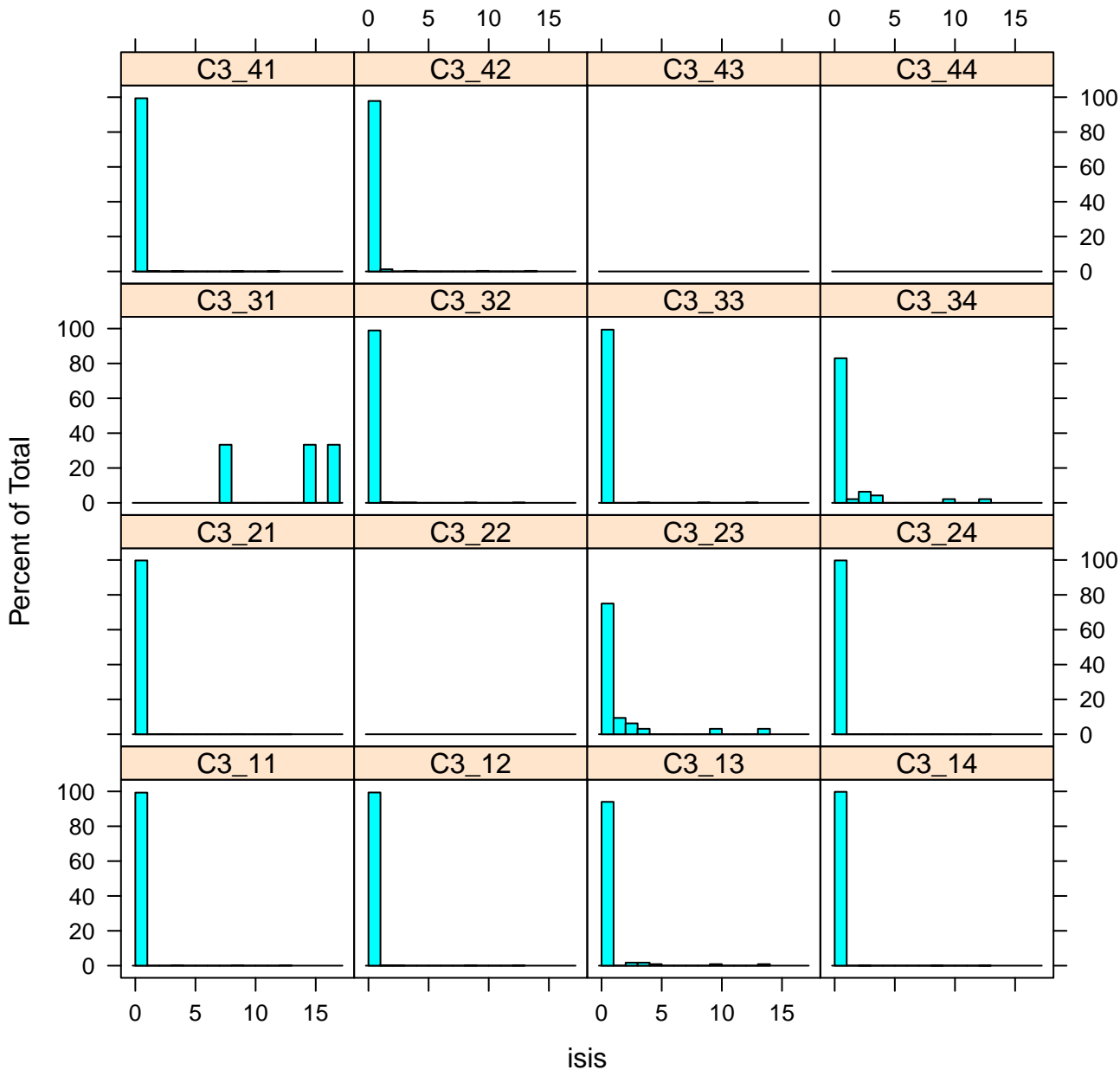
# ISIs histogram plot for C2



# log(ISIs) histogram plot for C2

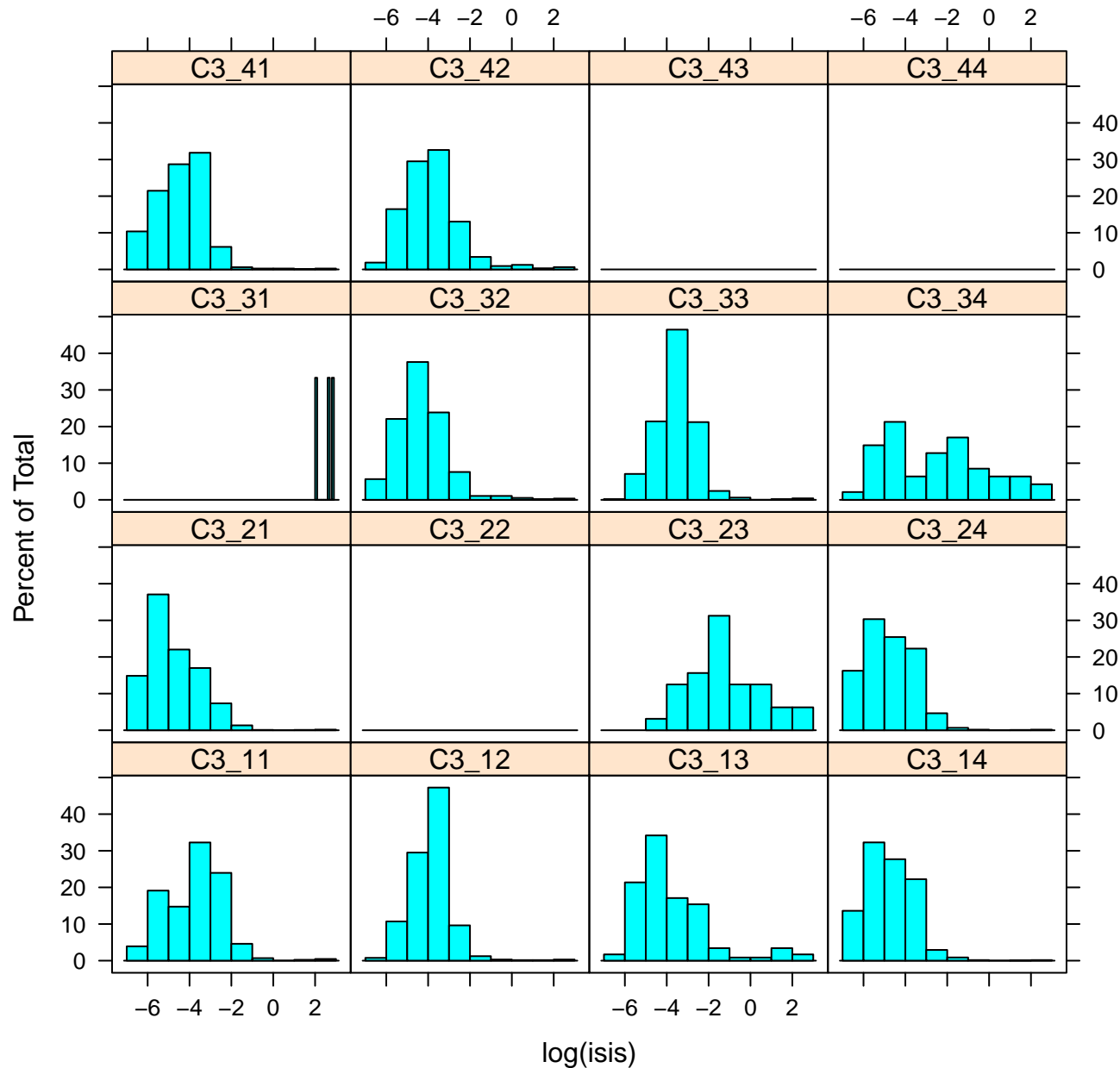


# ISIs histogram plot for C3

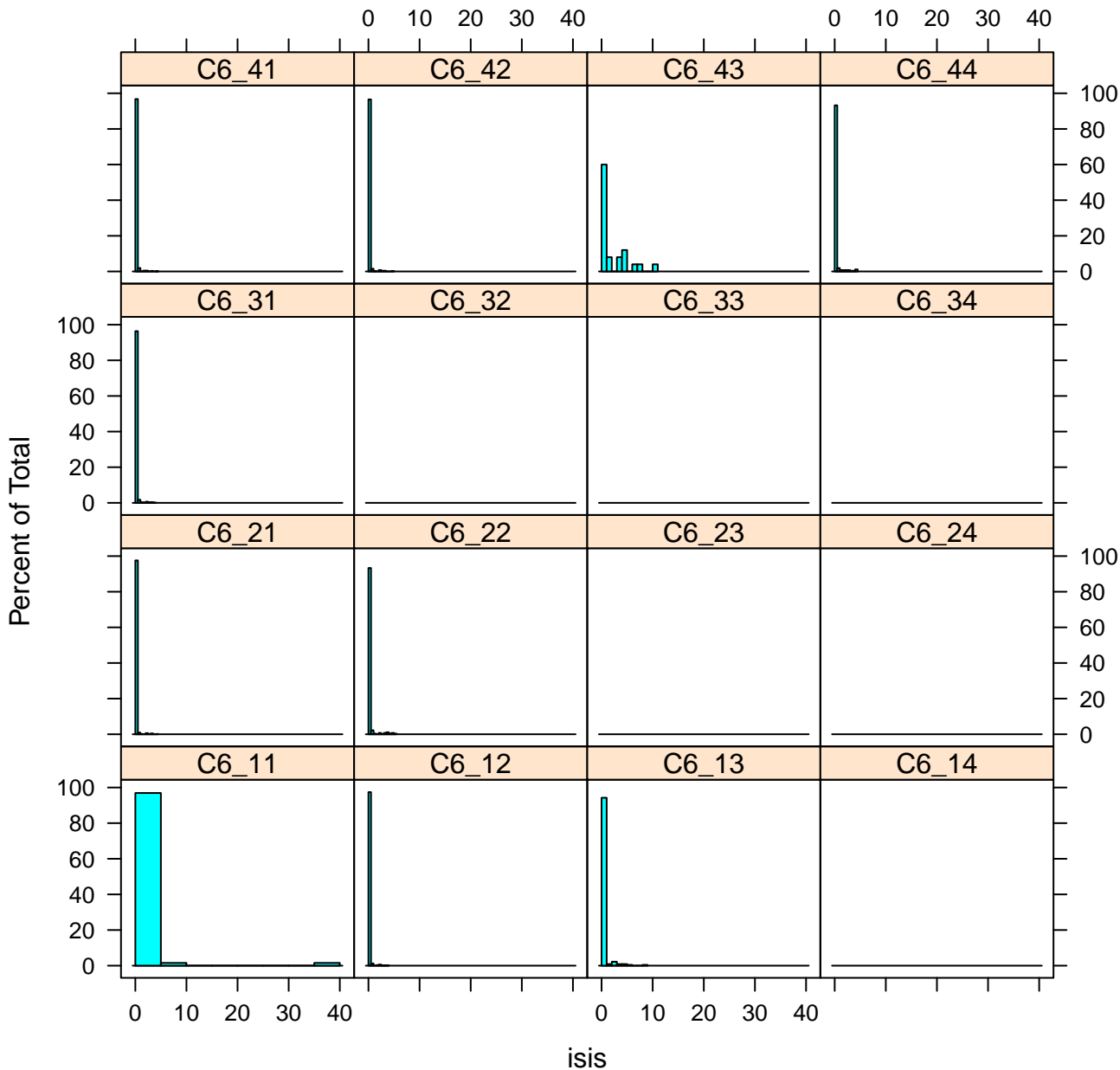




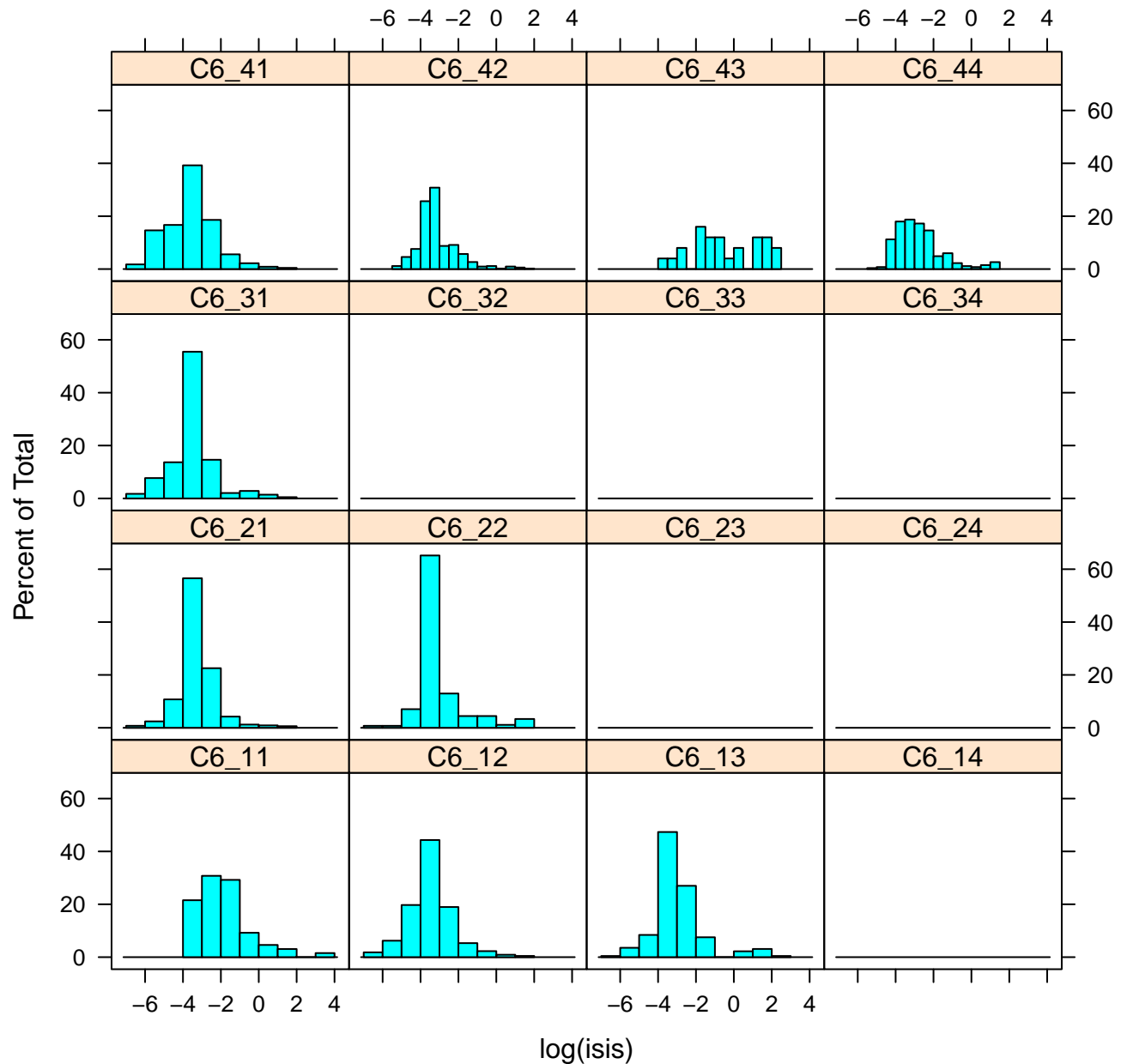
# log(ISIs) histogram plot for C3



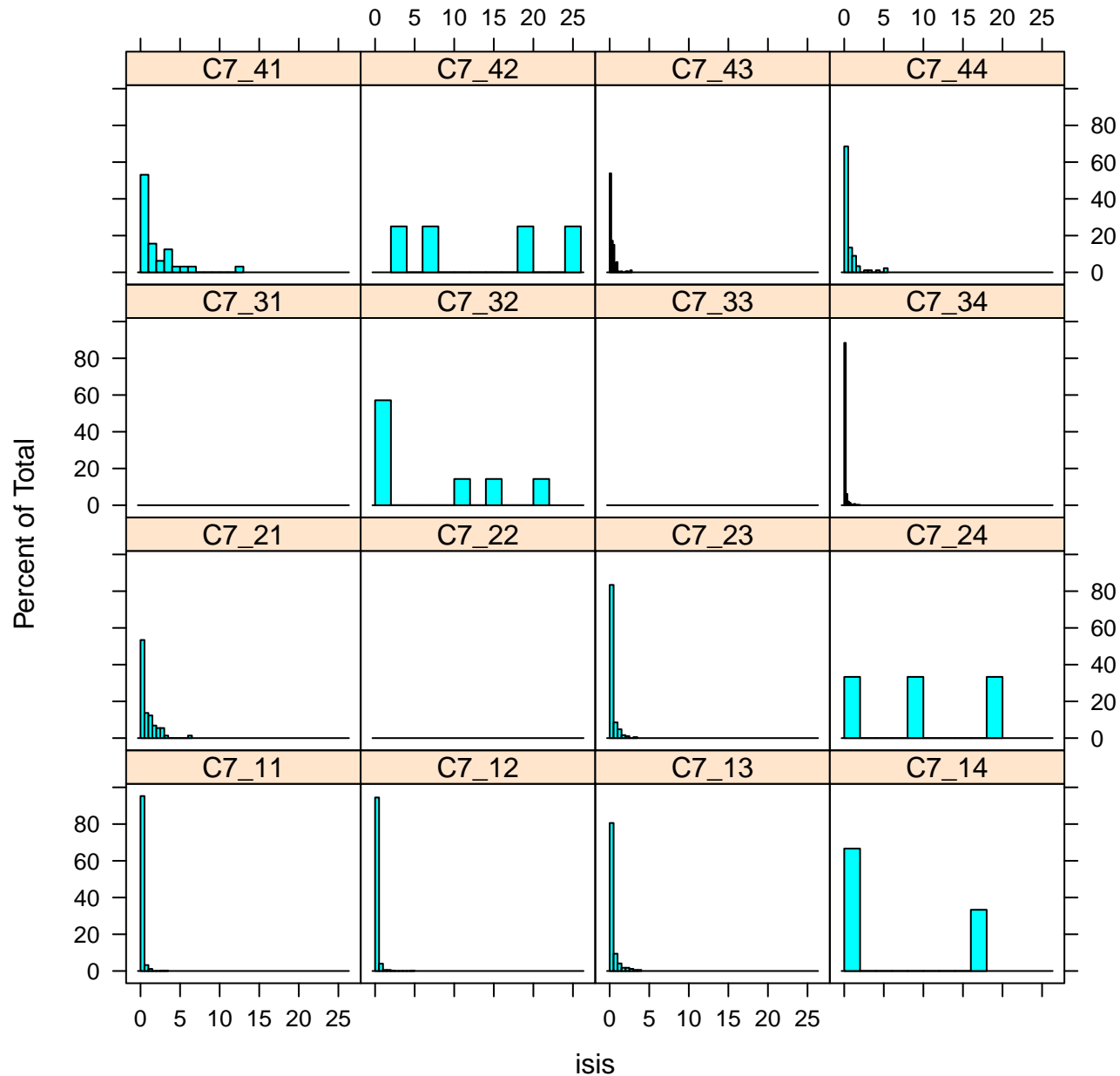
ISIs histogram plot for C6



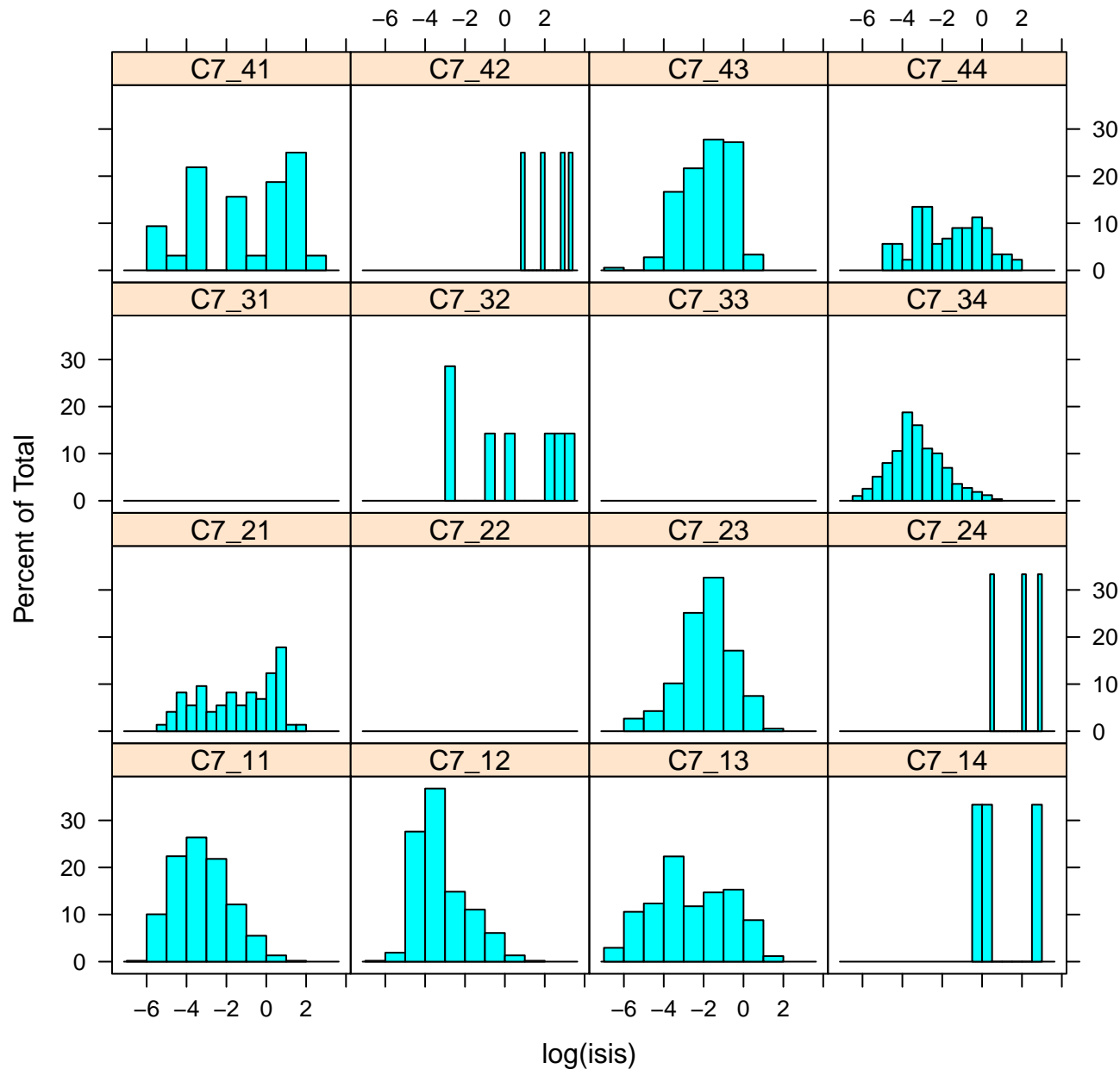
# log(ISIs) histogram plot for C6



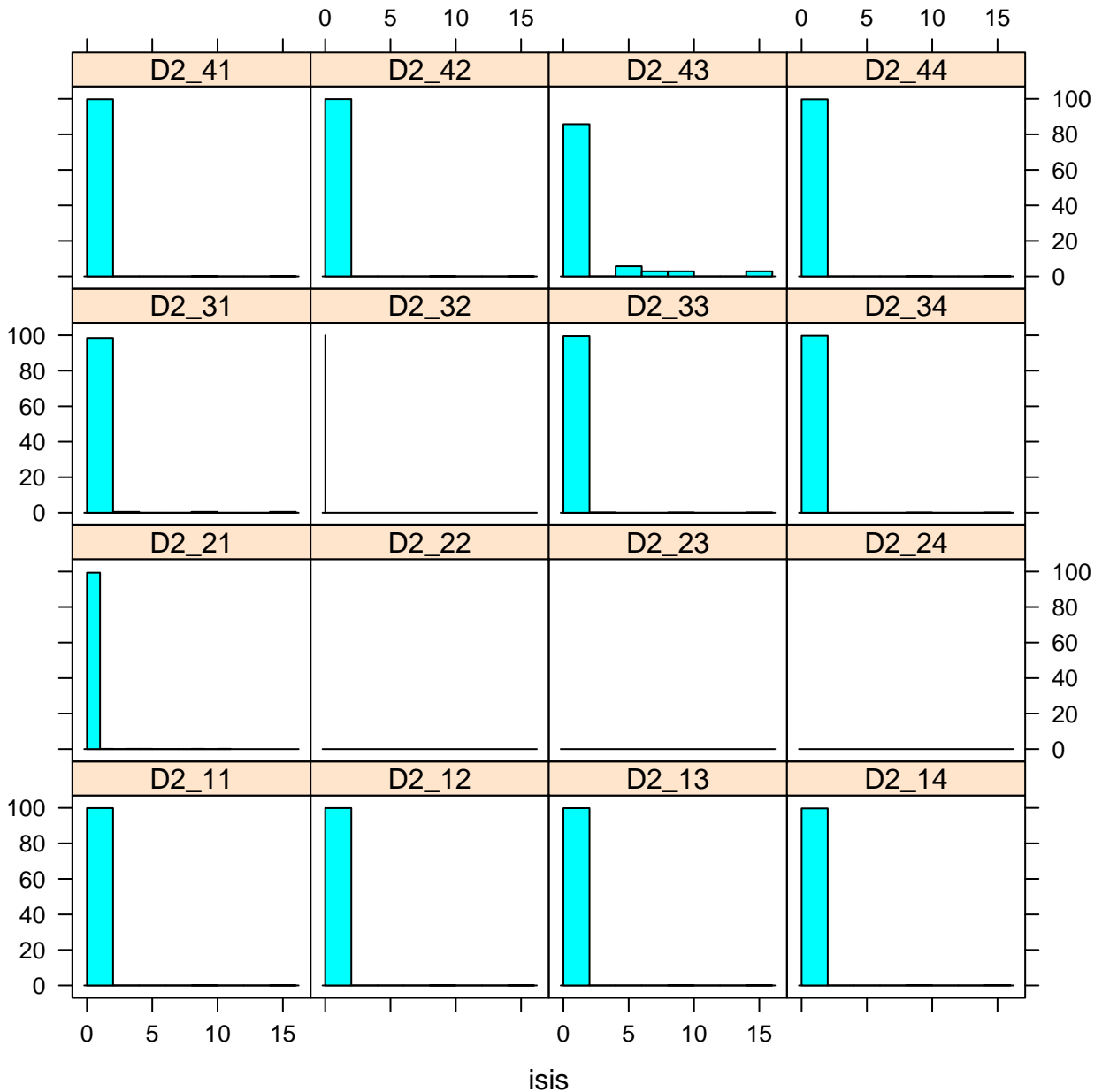
# ISIs histogram plot for C7



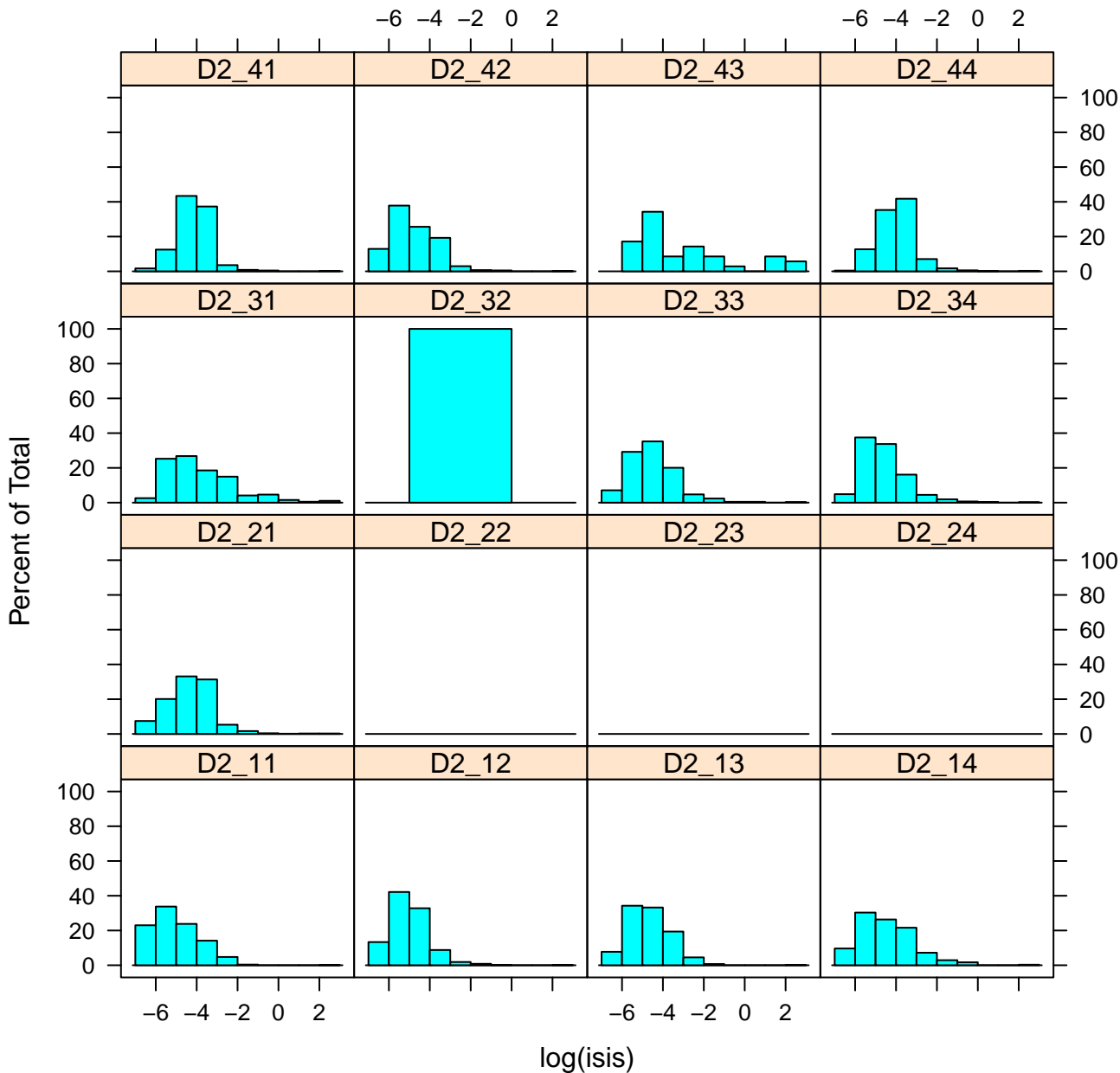
# log(ISIs) histogram plot for C7



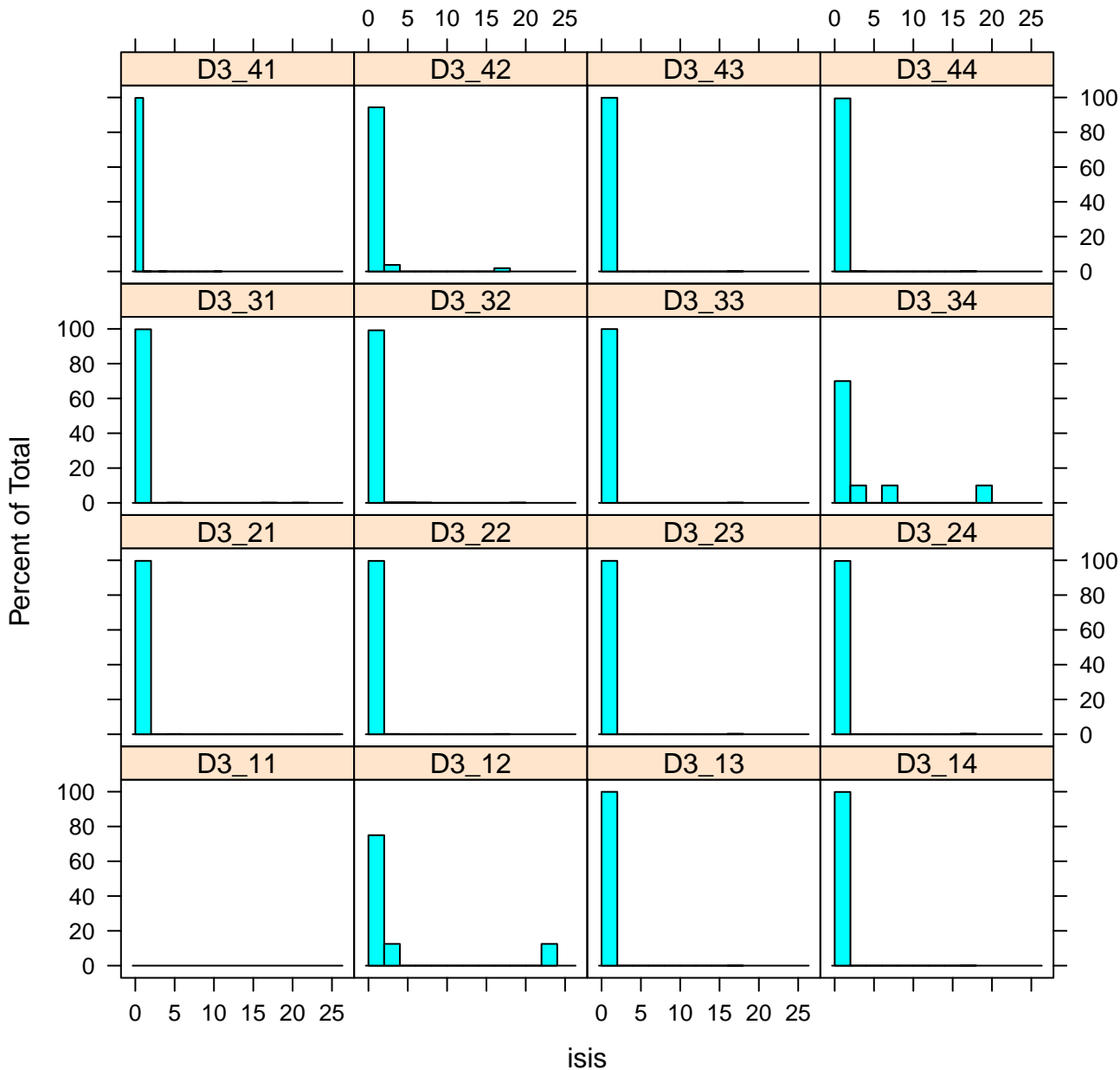
# ISIs histogram plot for D2



# log(ISIs) histogram plot for D2

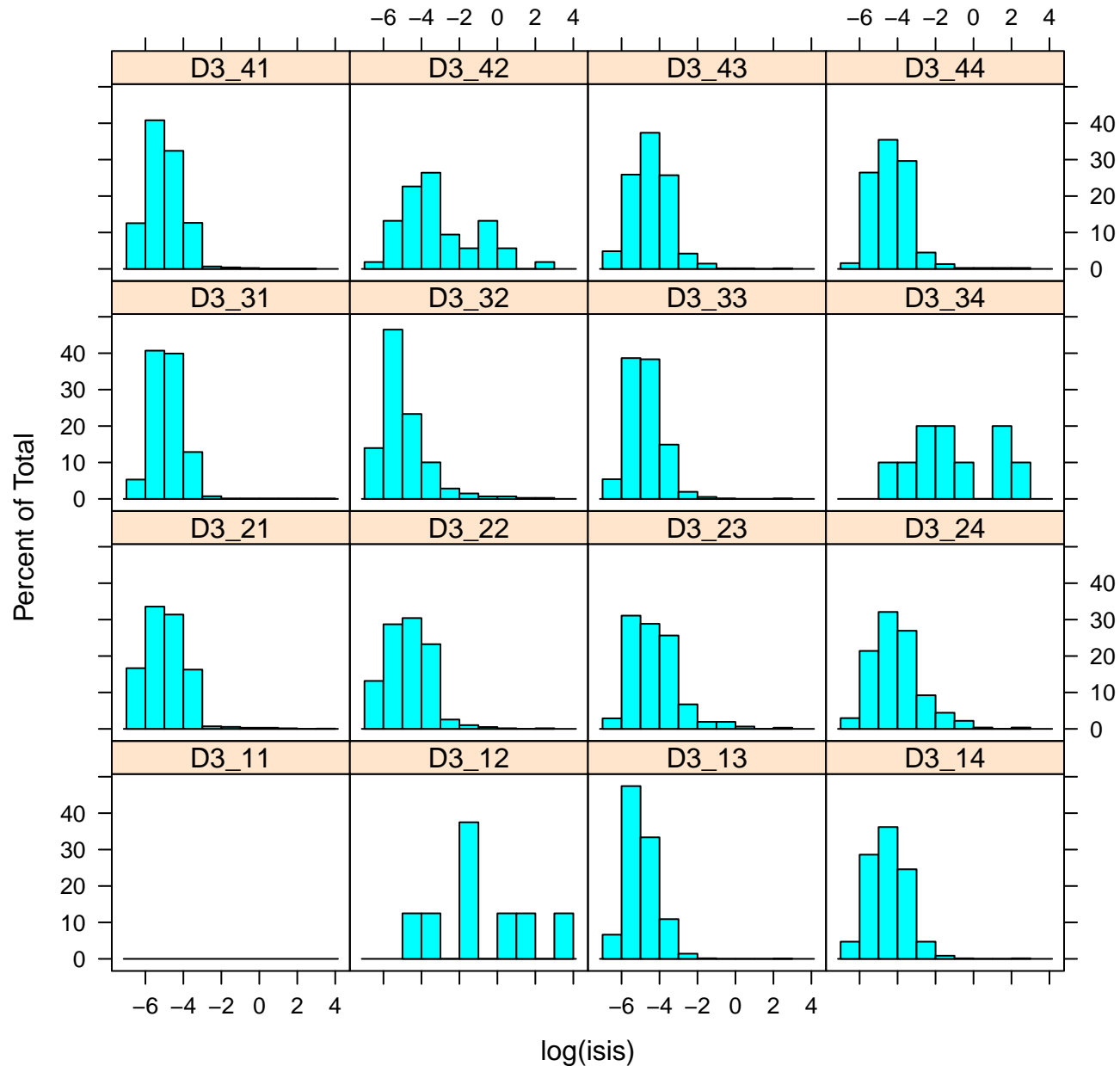


ISIs histogram plot for D3

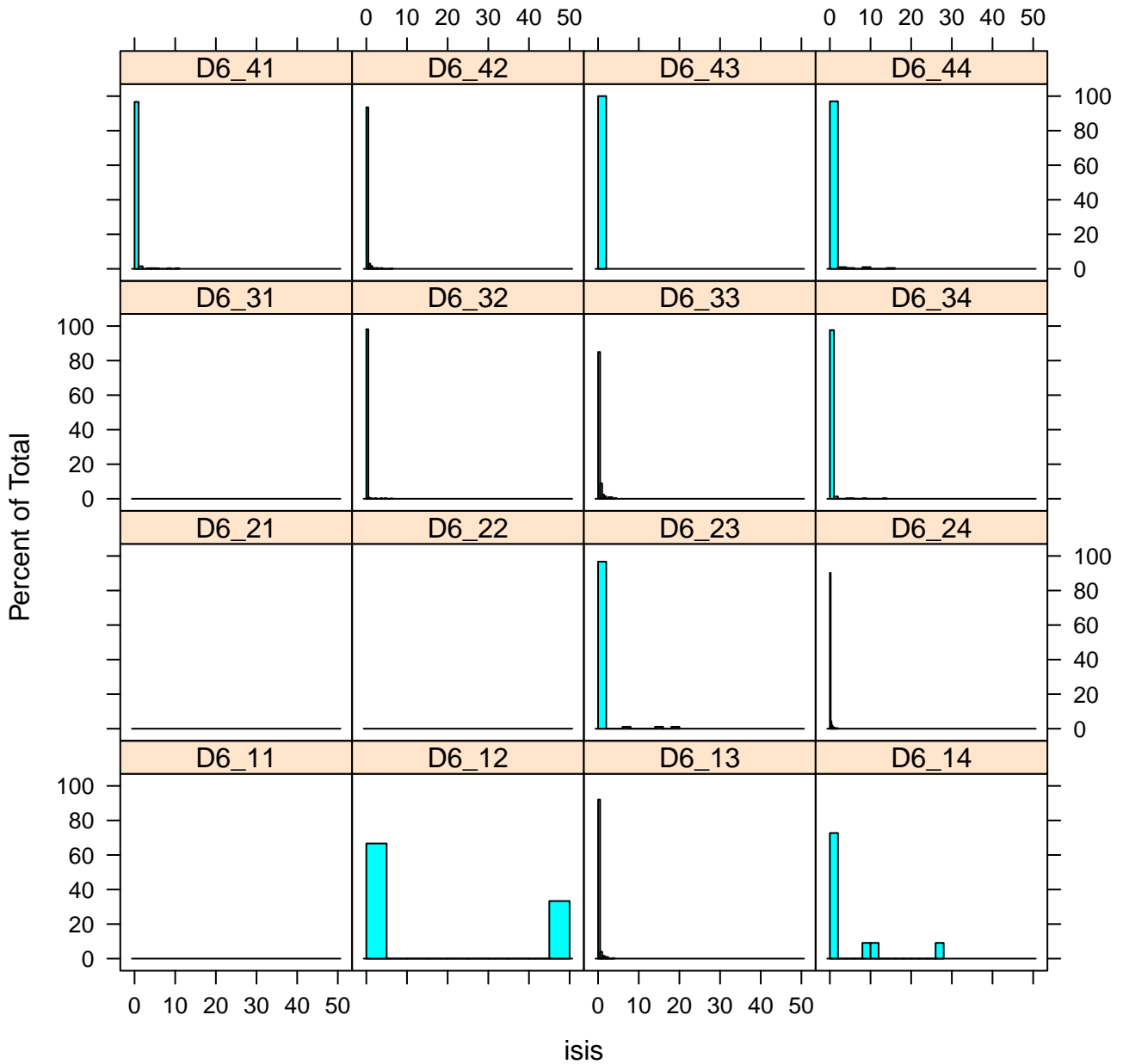




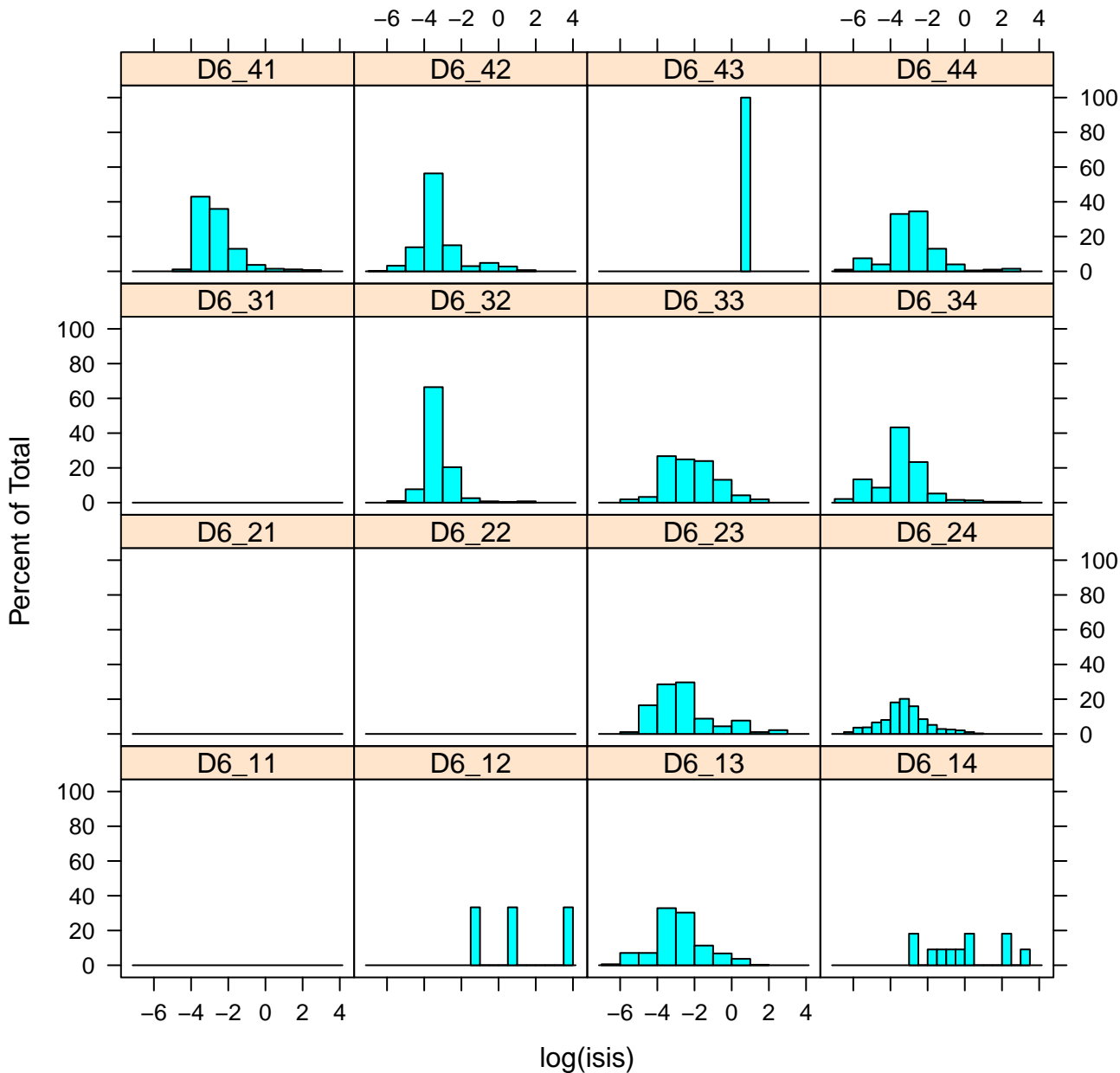
# log(ISIs) histogram plot for D3



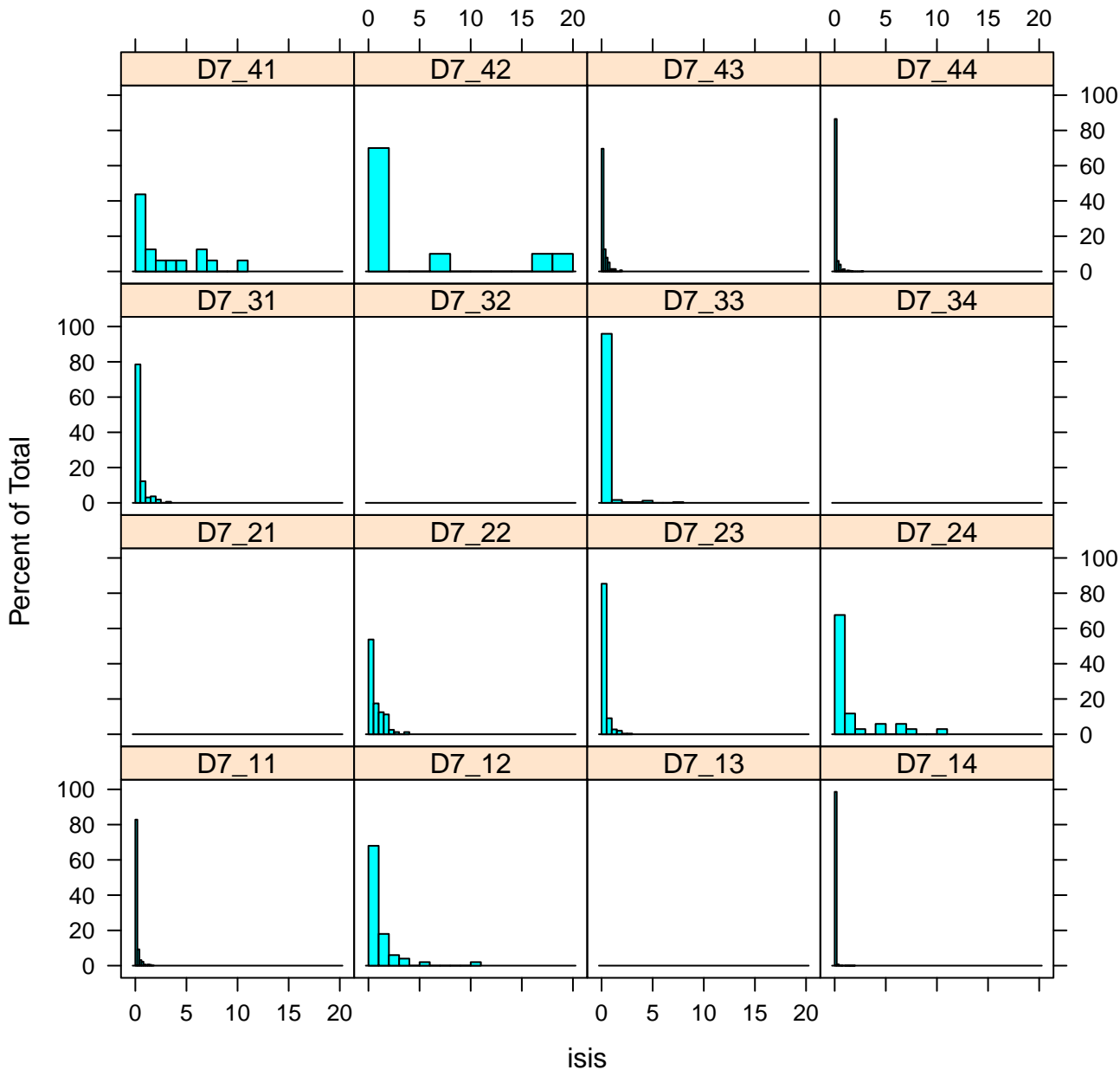
# ISIs histogram plot for D6



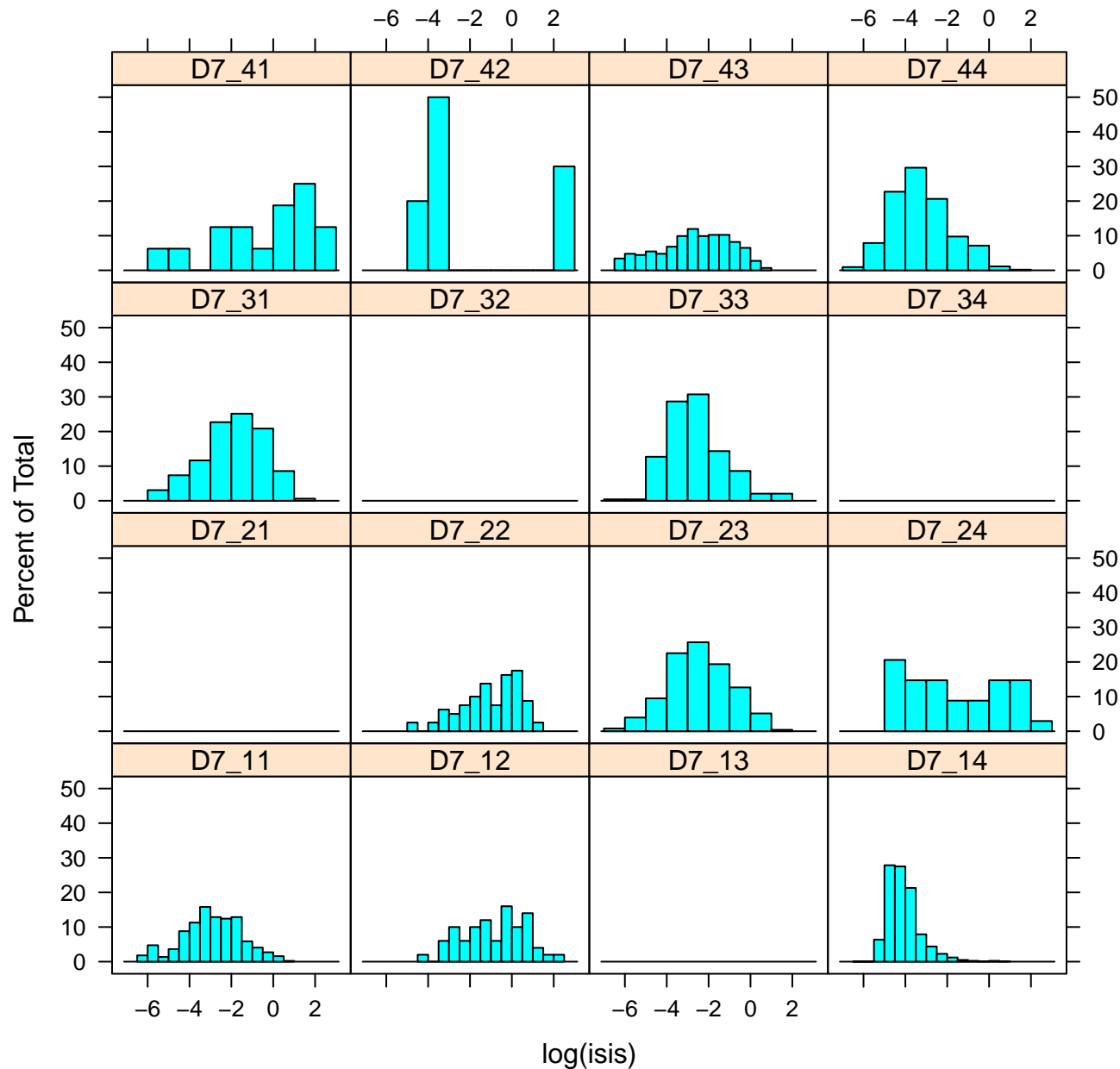
# log(ISIs) histogram plot for D6



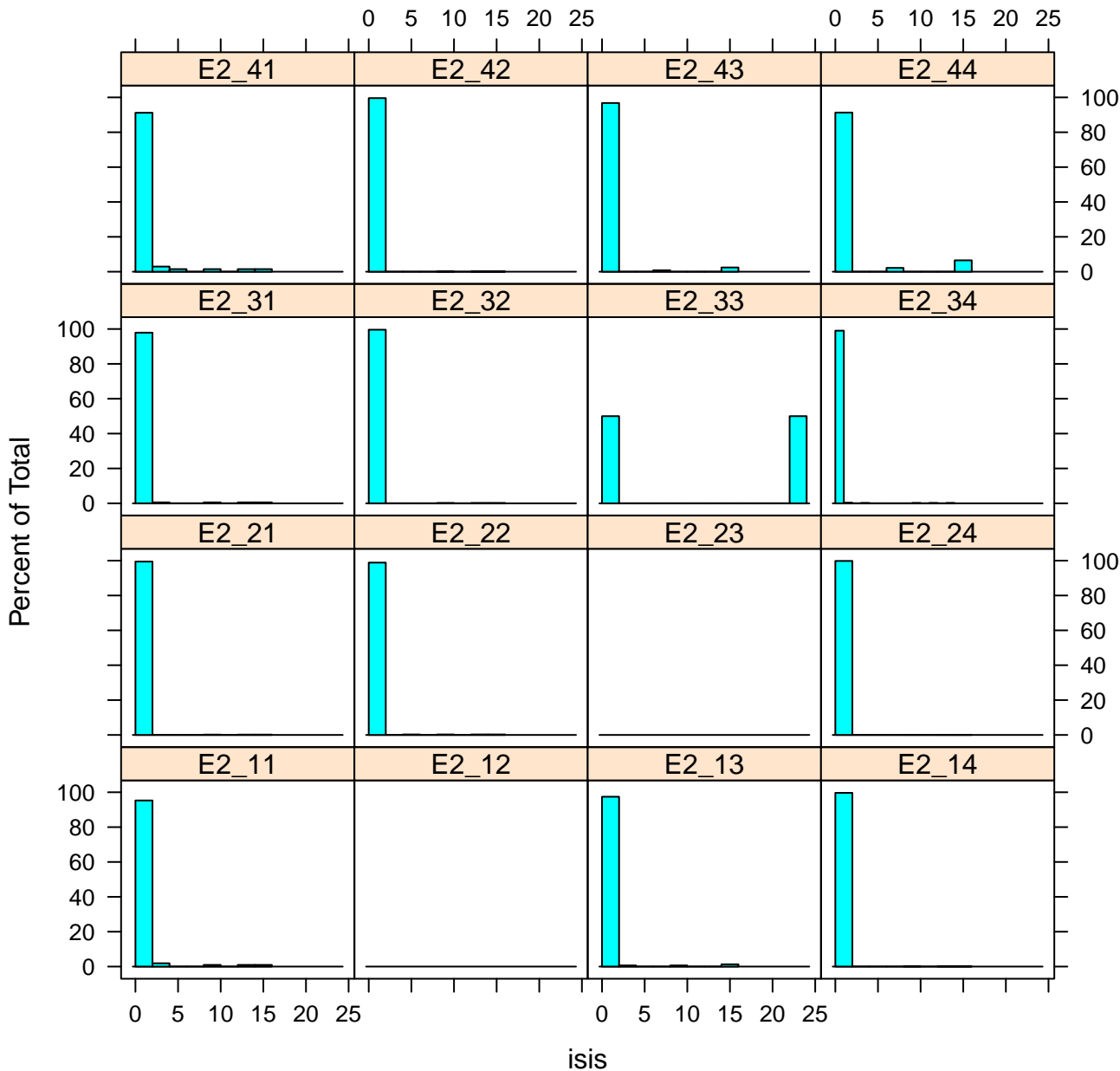
# ISIs histogram plot for D7



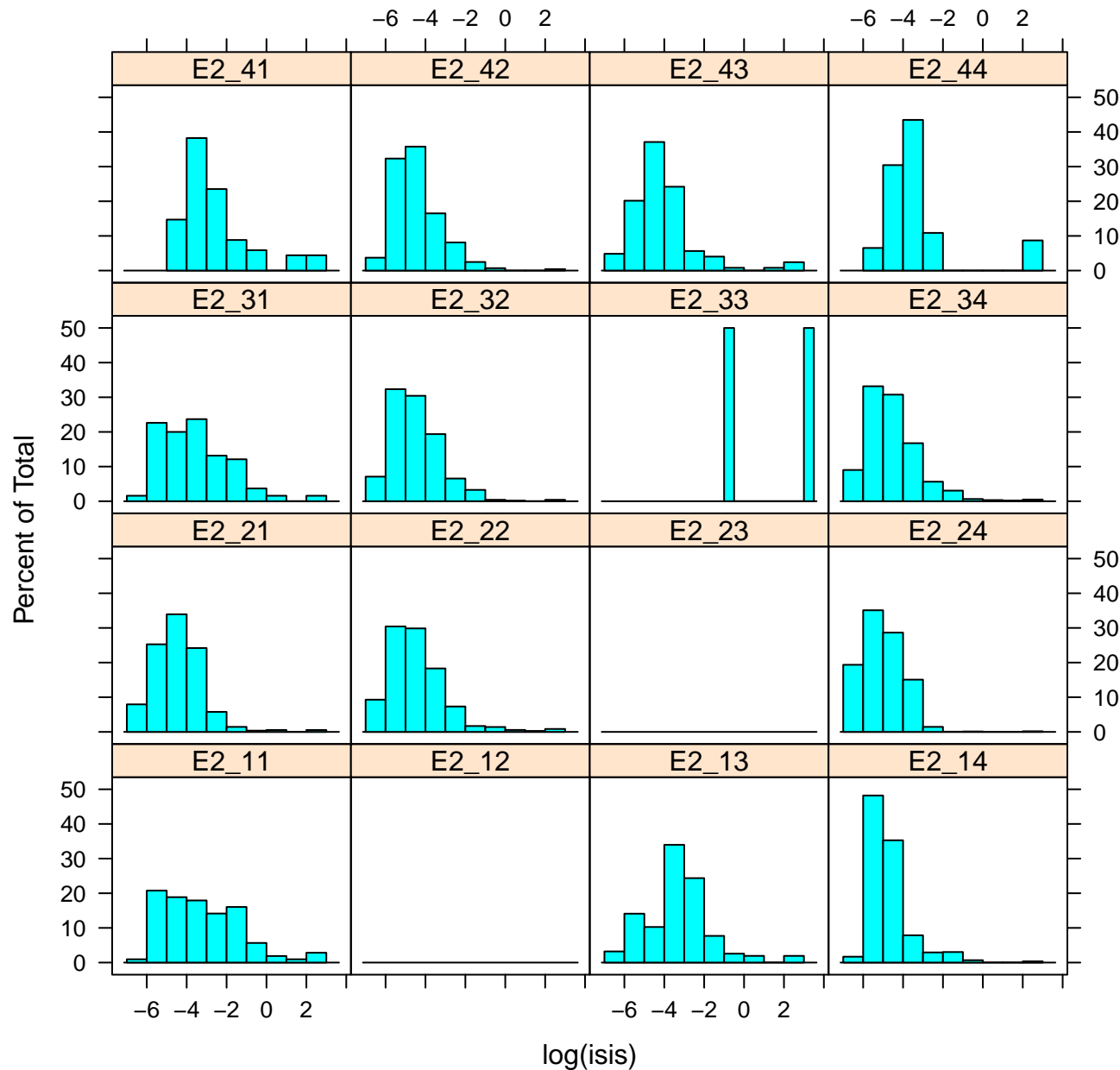
# log(ISIs) histogram plot for D7



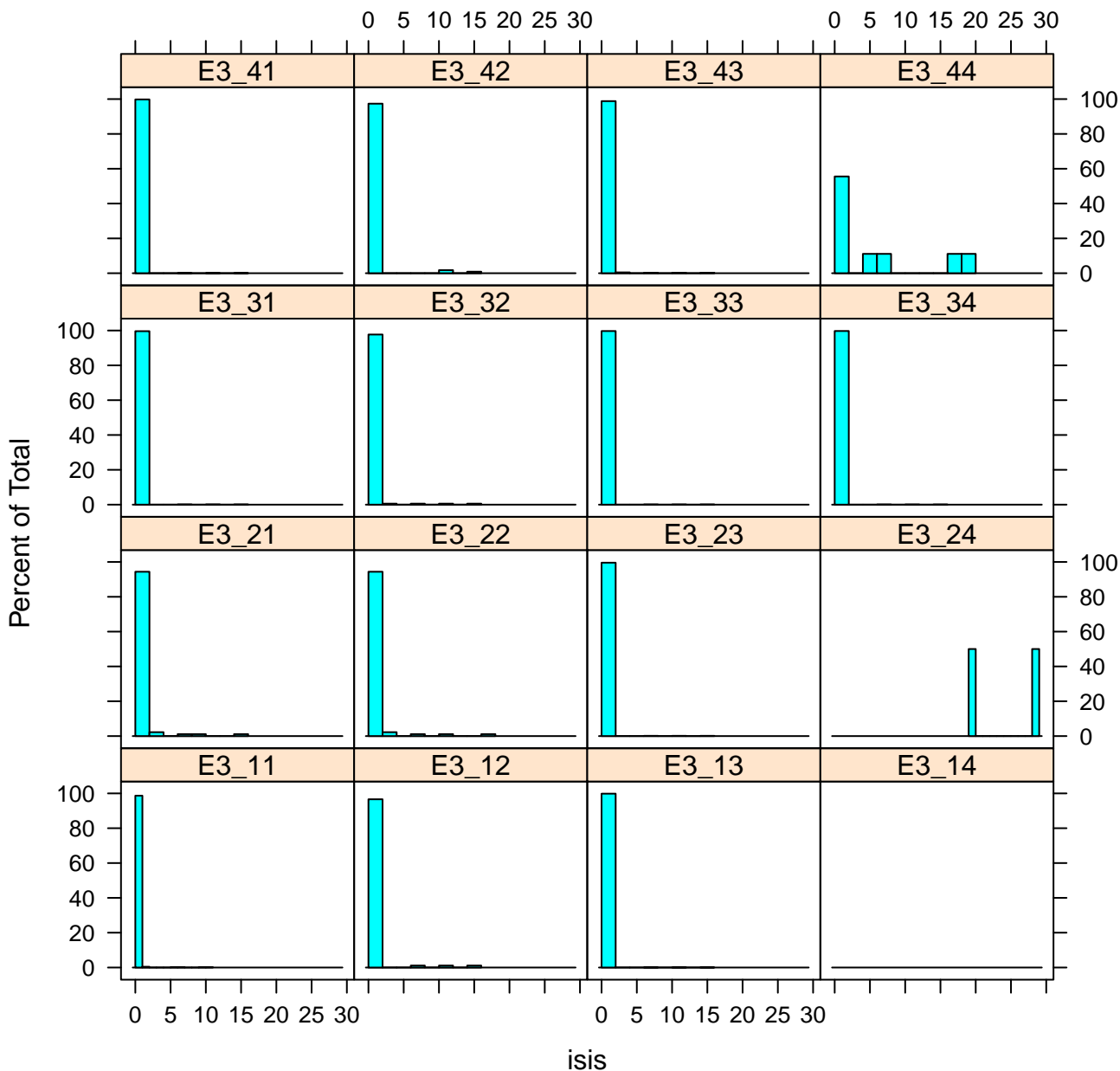
# ISIs histogram plot for E2



# log(ISIs) histogram plot for E2

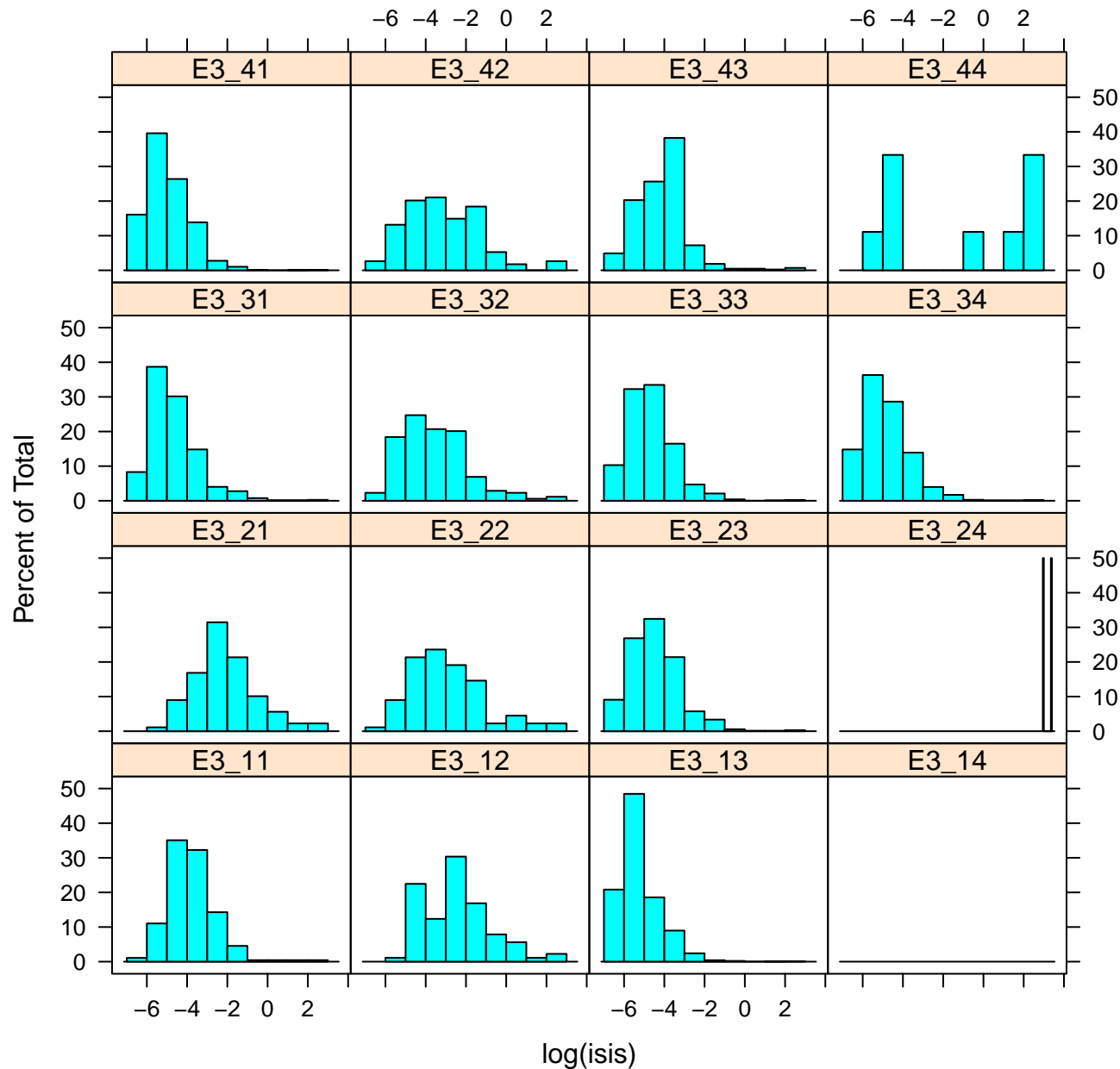


# ISIs histogram plot for E3

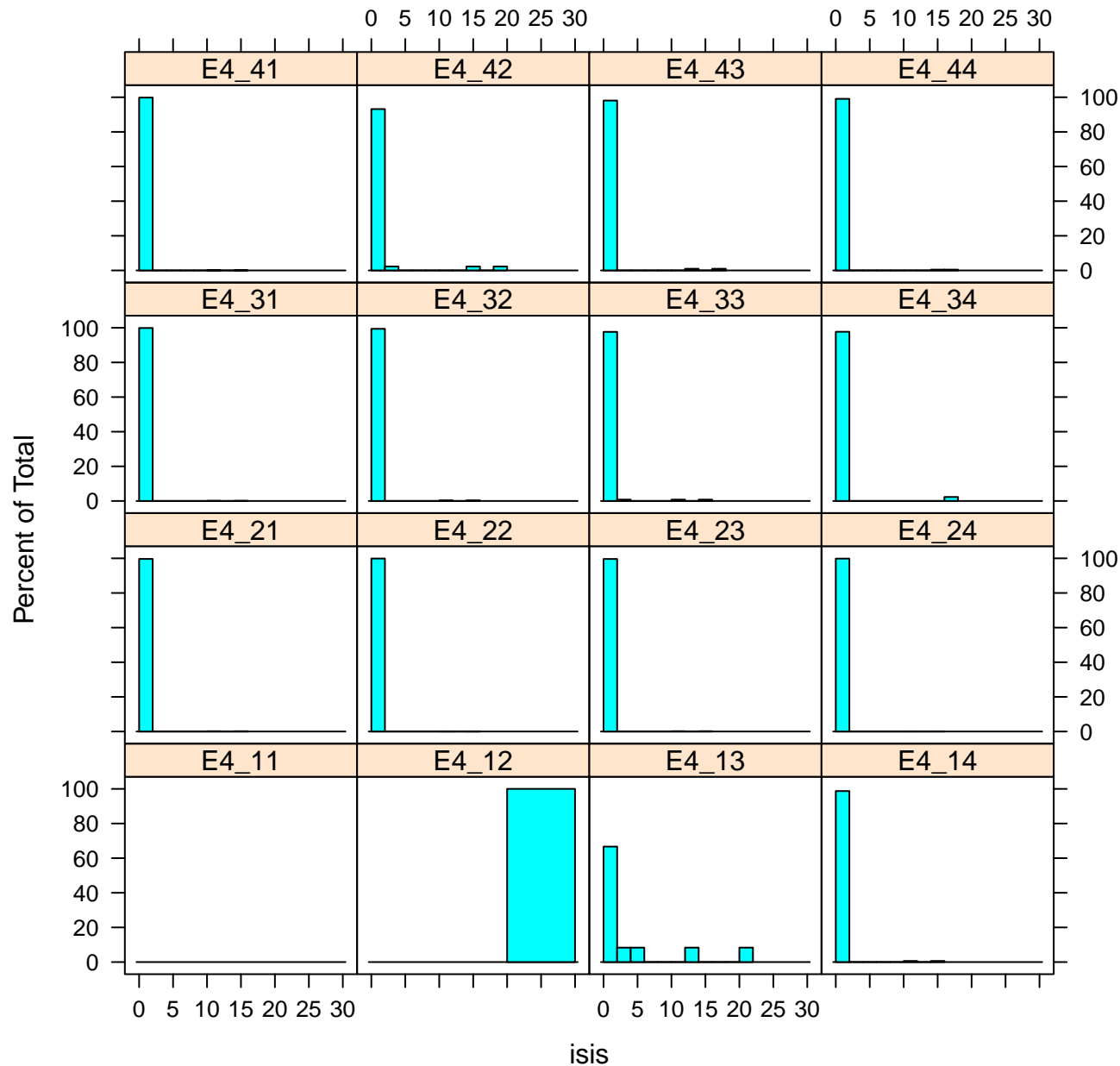




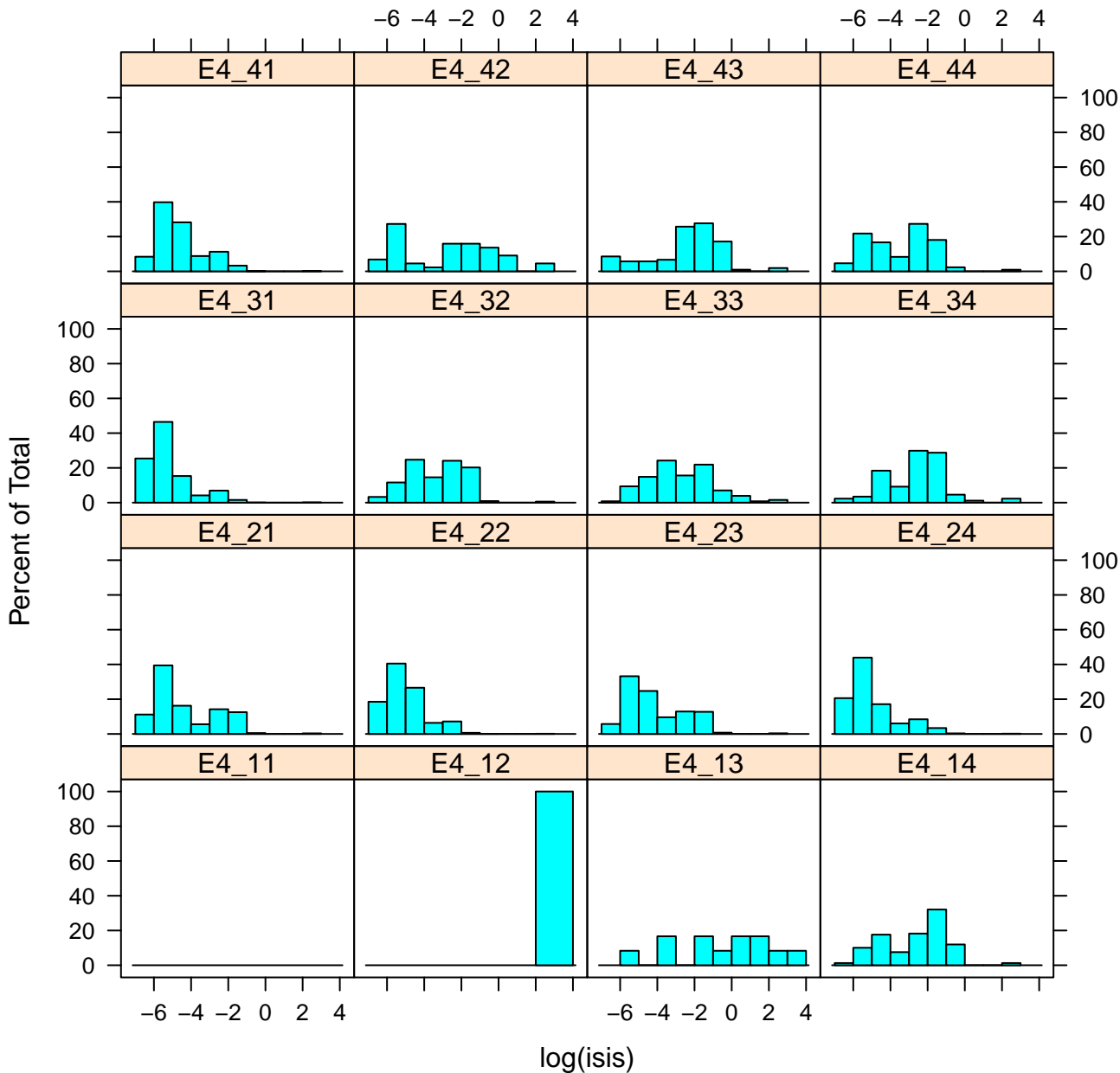
# log(ISIs) histogram plot for E3



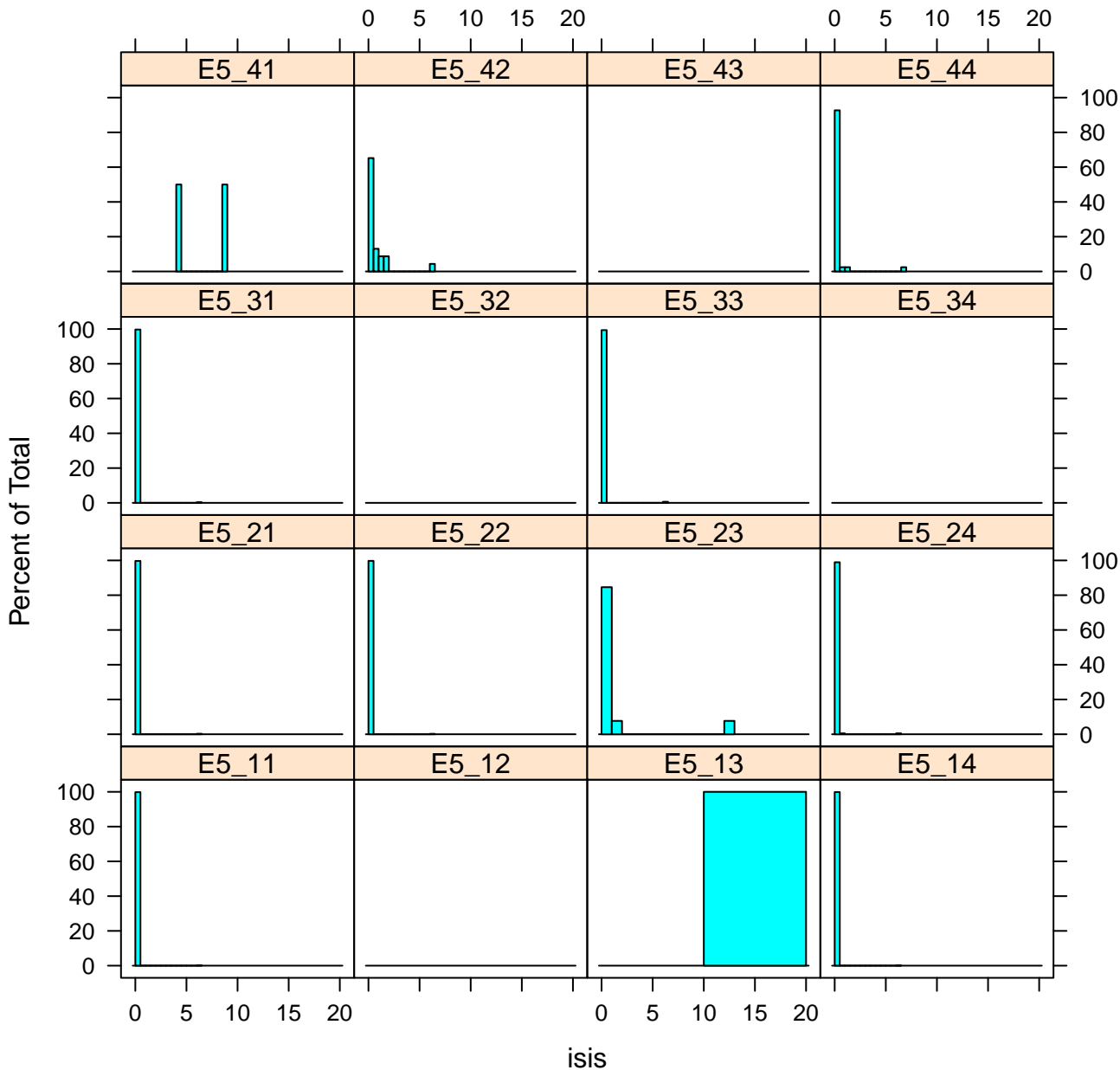
# ISIs histogram plot for E4



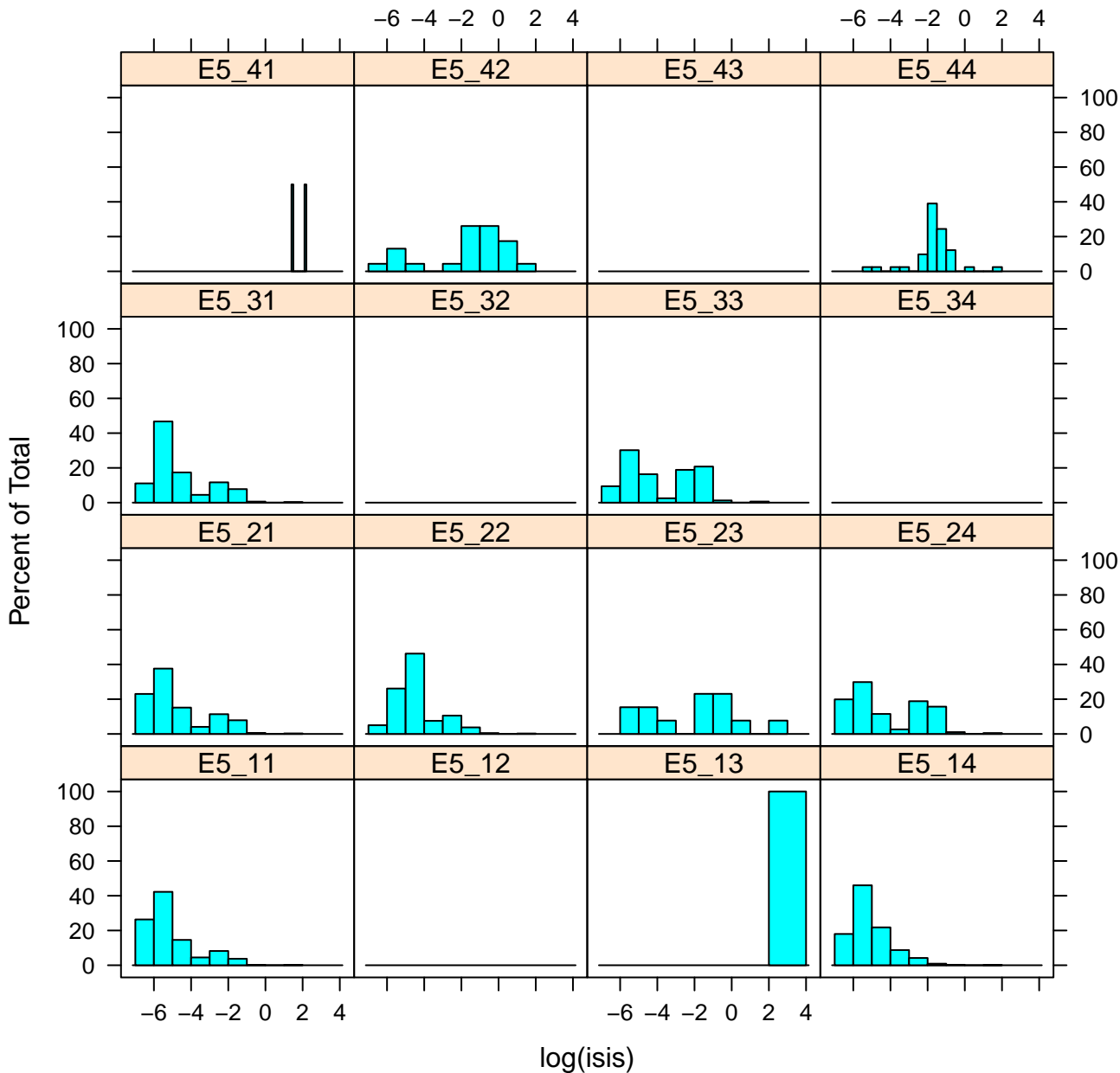
# log(ISIs) histogram plot for E4



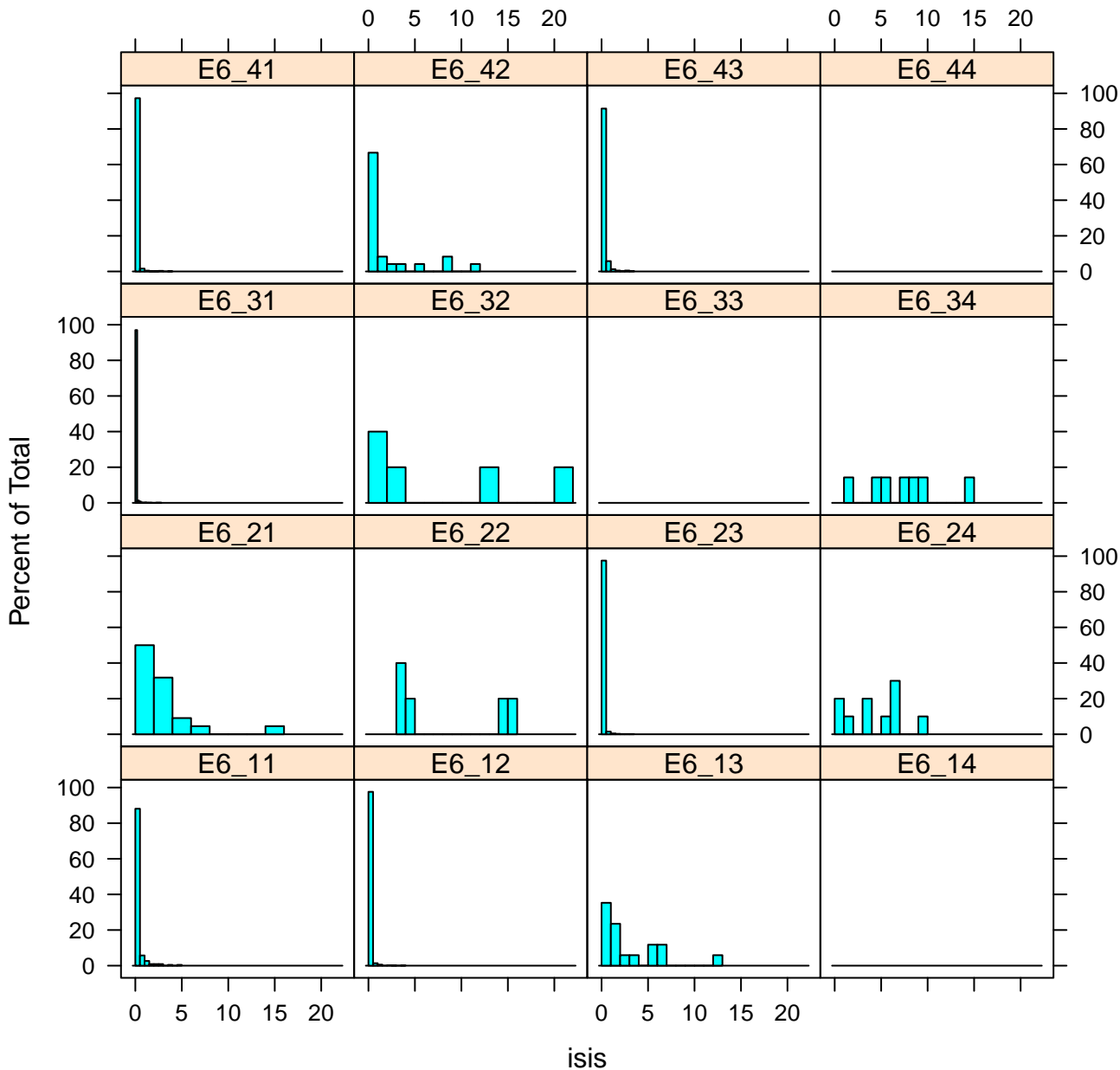
# ISIs histogram plot for E5



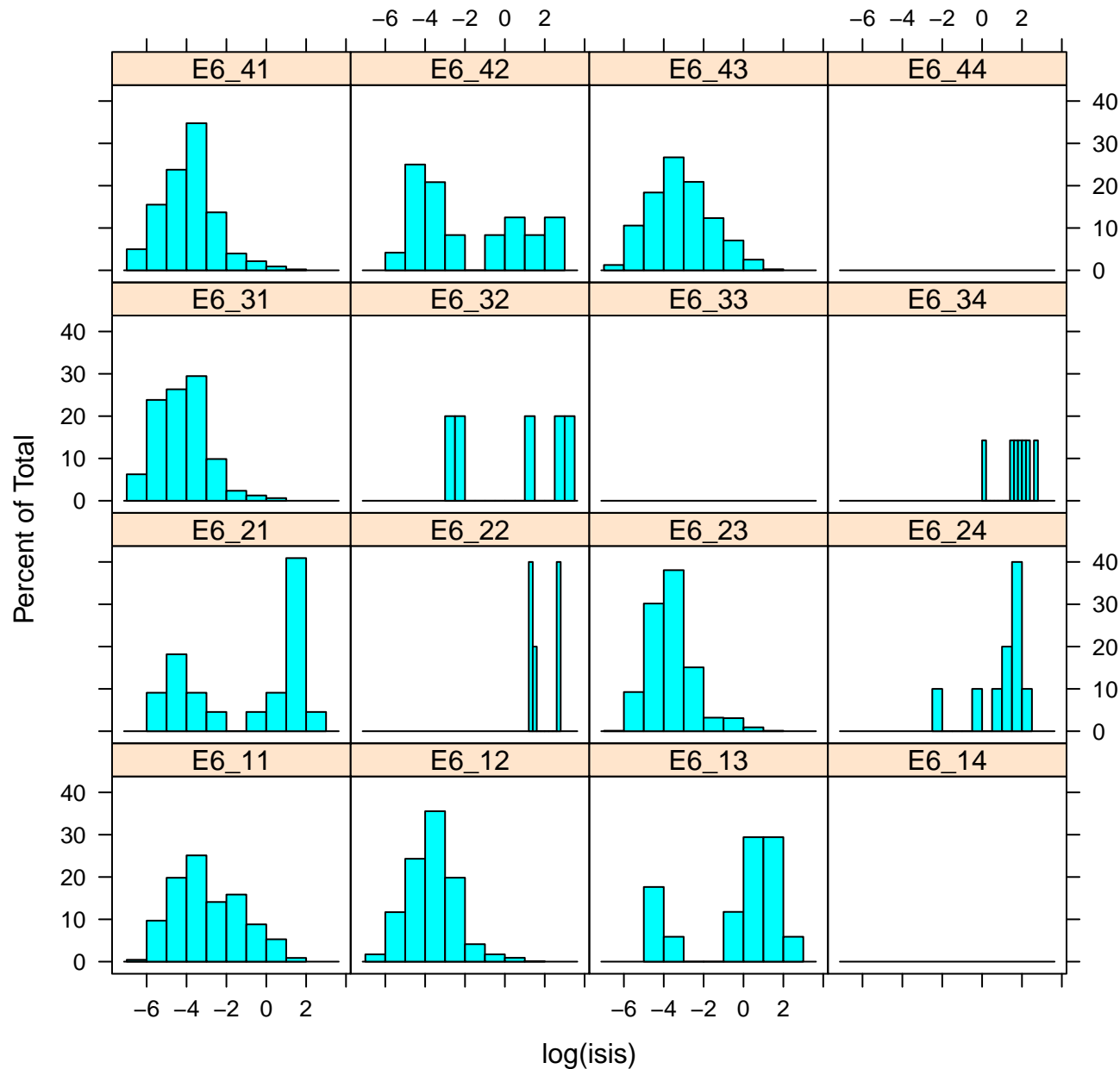
# log(ISIs) histogram plot for E5



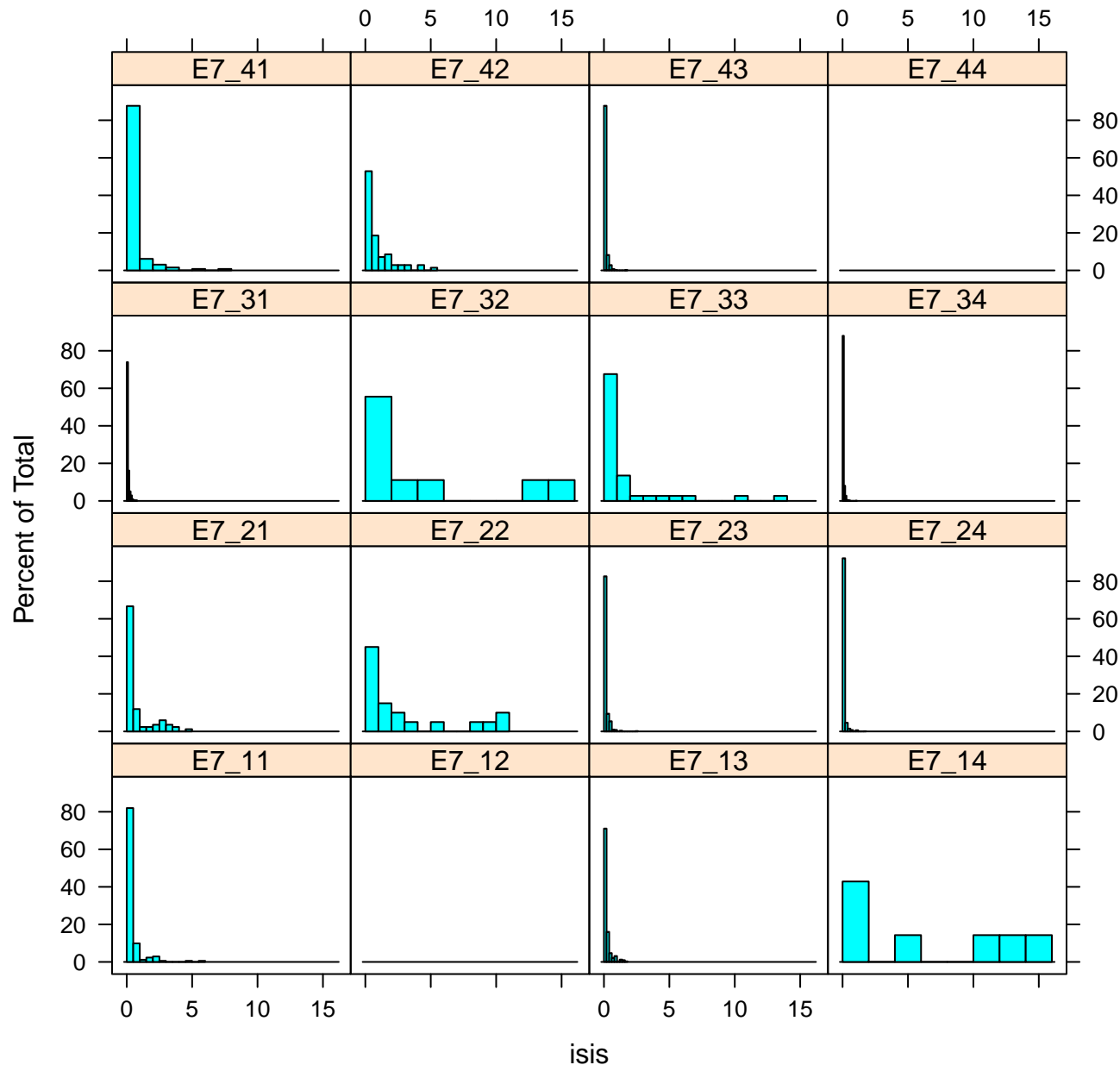
# ISIs histogram plot for E6



# log(ISIs) histogram plot for E6



# ISIs histogram plot for E7





# log(ISIs) histogram plot for E7

