Electrode Layout
file= KCNT1_20170323_B6_DIV11
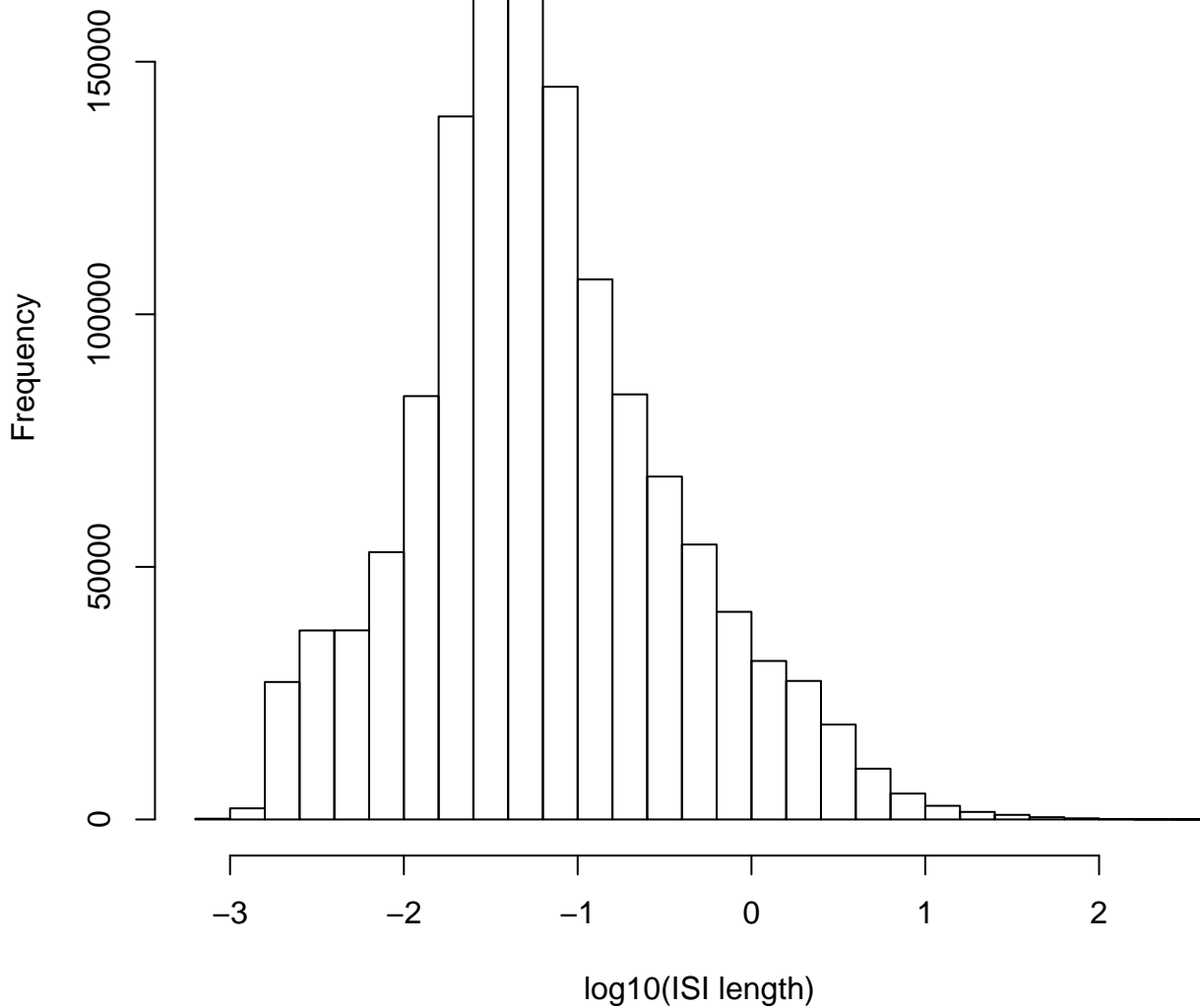
spacing (μm)
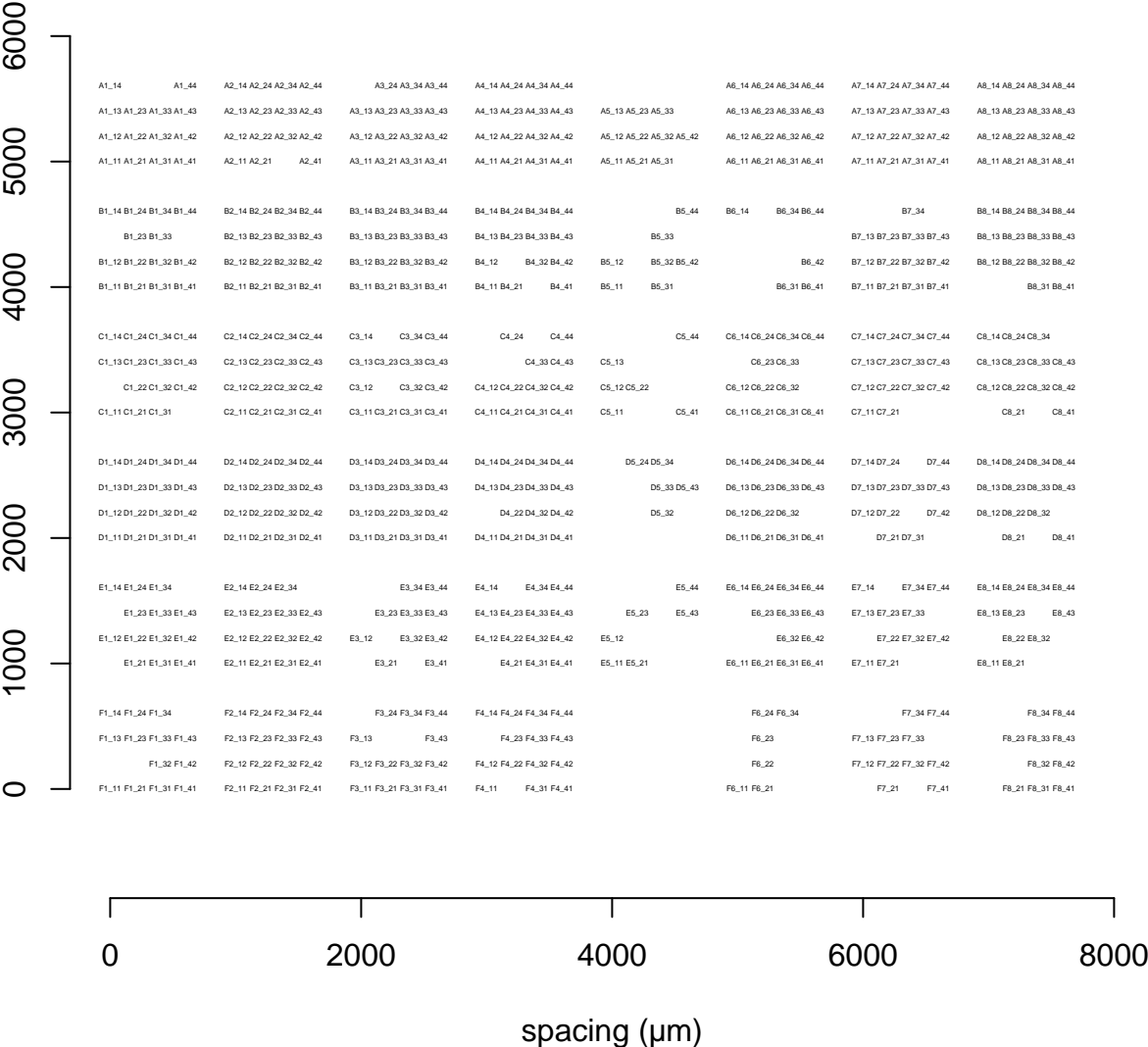
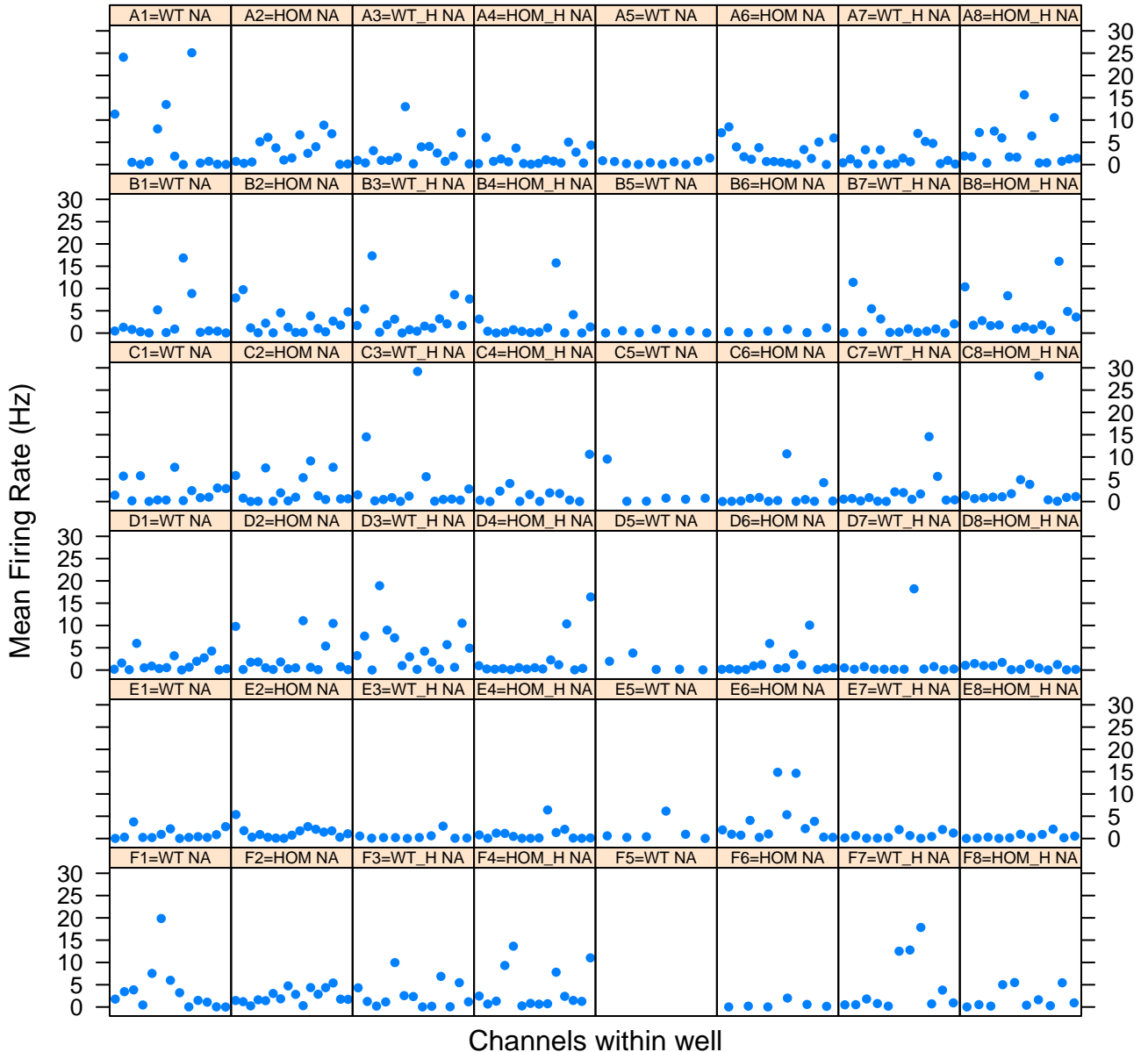**Mean Firing Rate by Plate (Hz)**
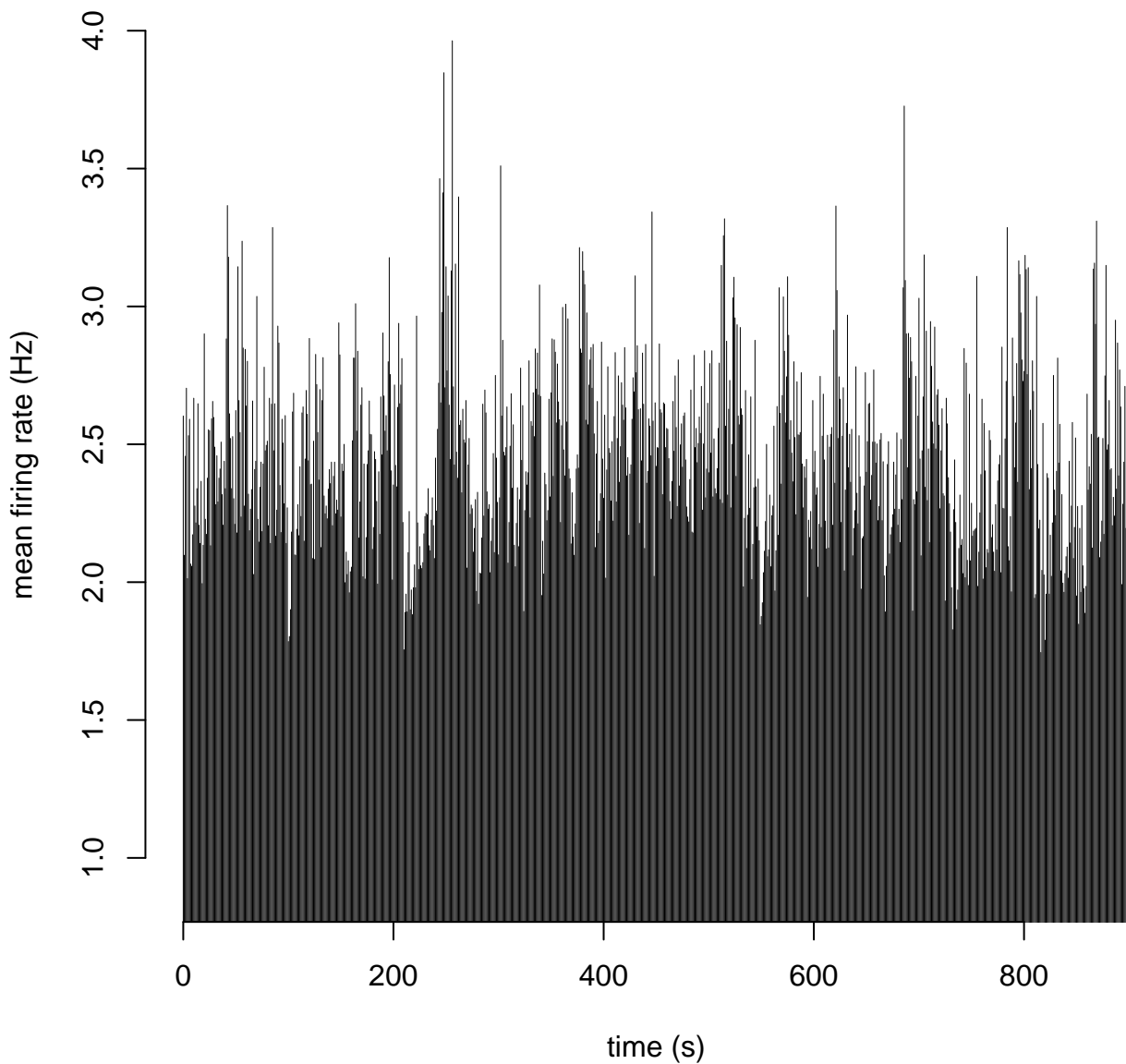
Histogram of ISIs by Plate
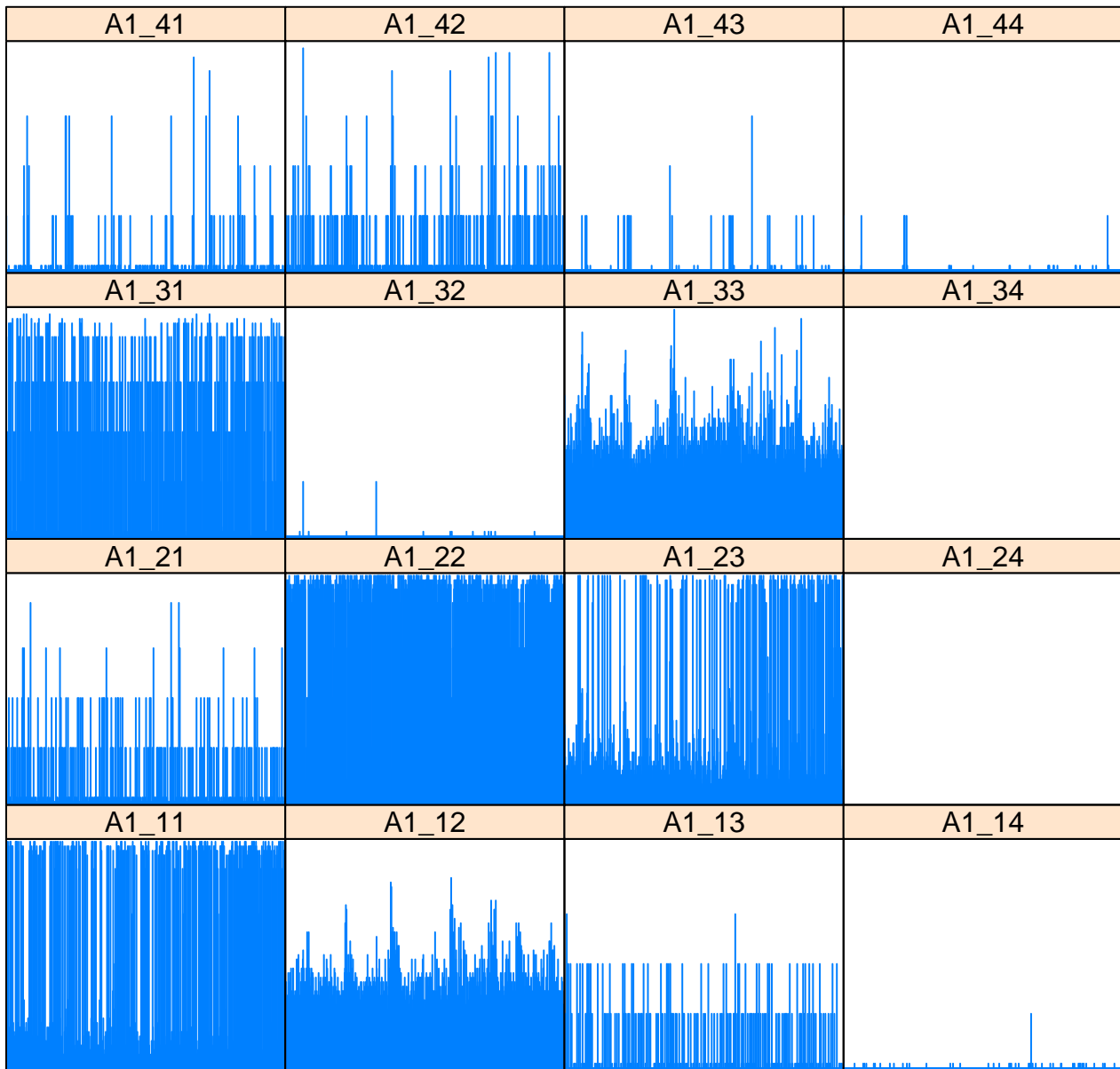
Histogram of log(ISIs) by Plate

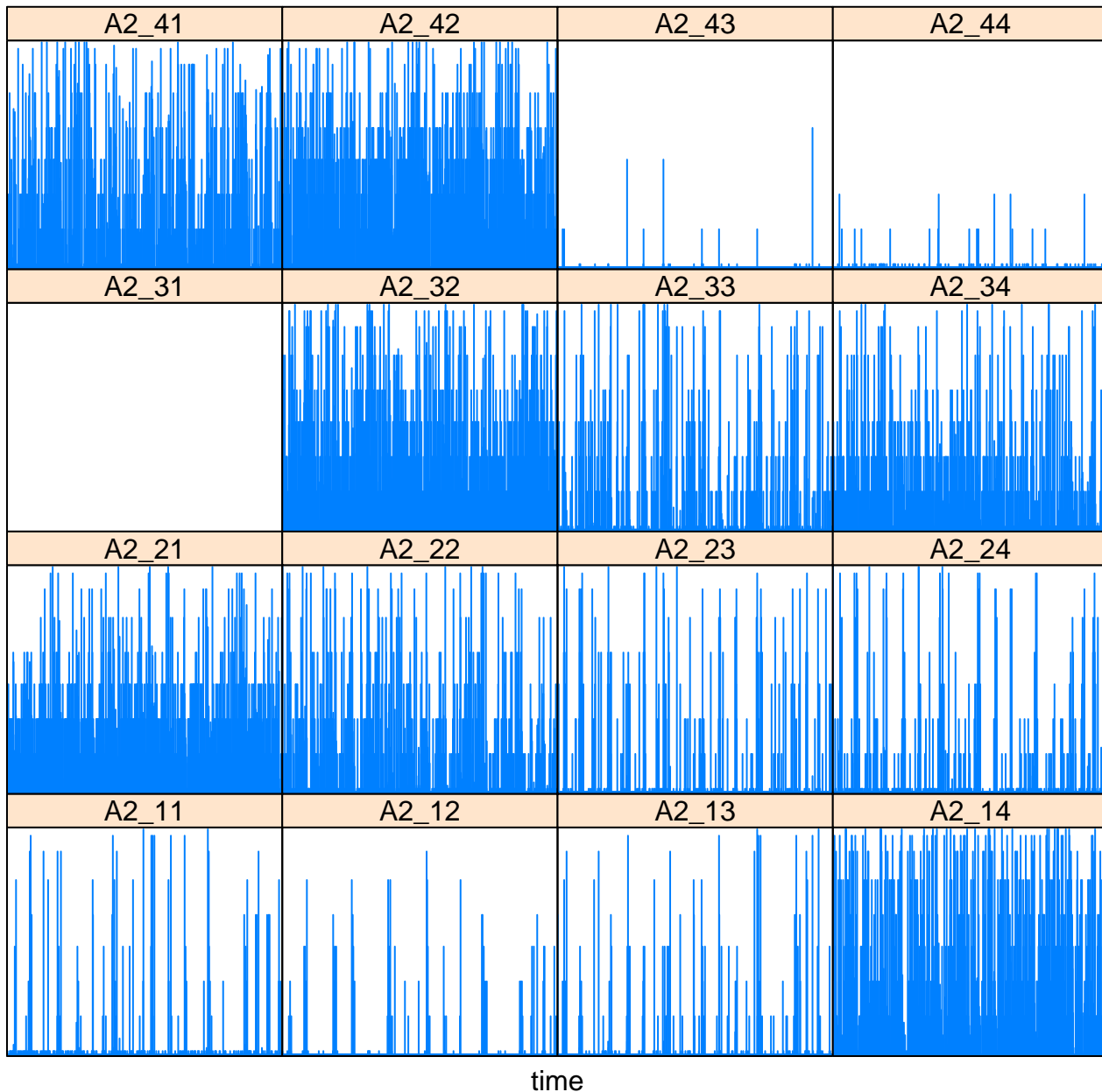# Mean Firing Rate (Hz) by Channels within Wells
file= KCNT1_20170323_B6_DIV11

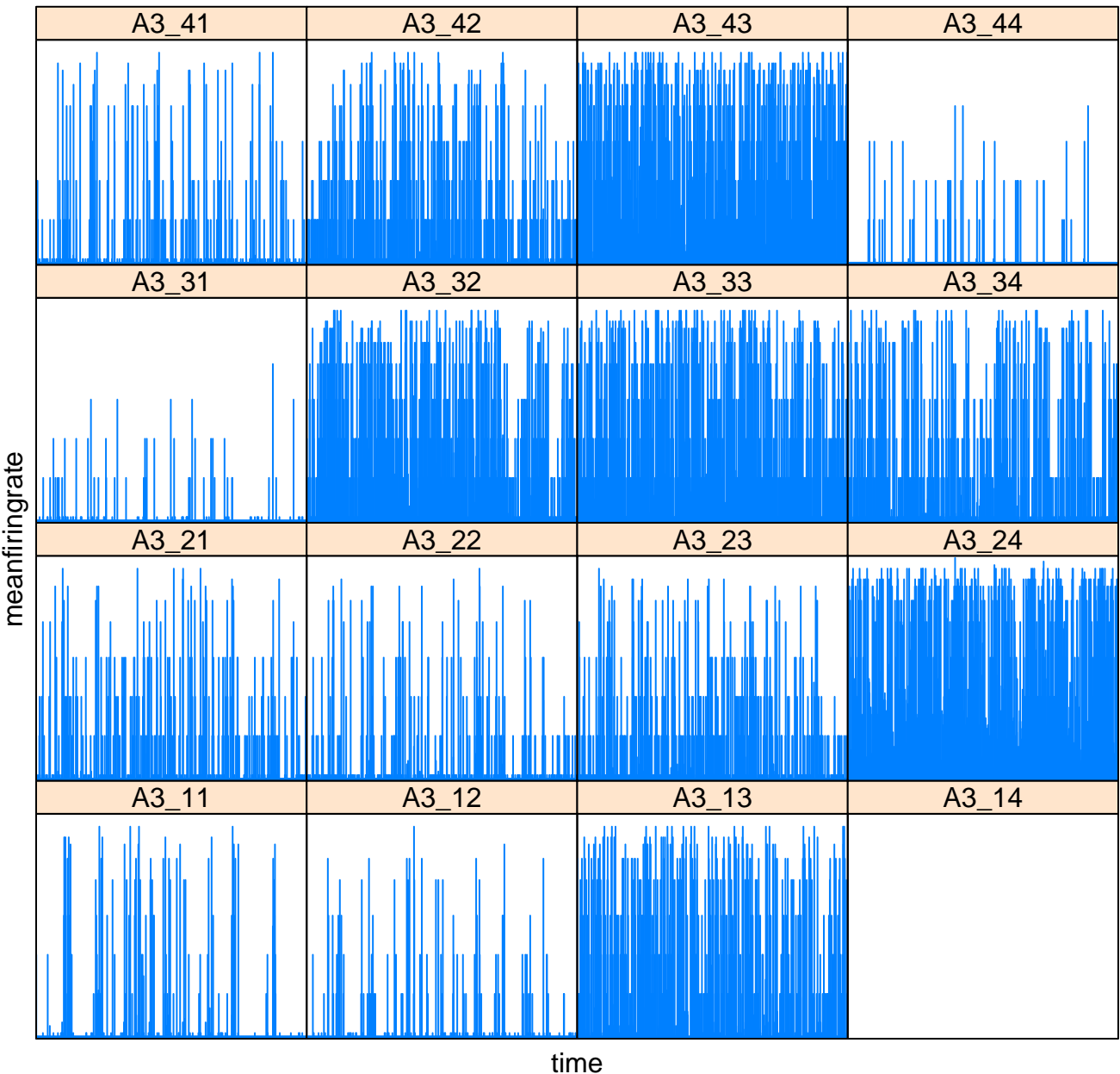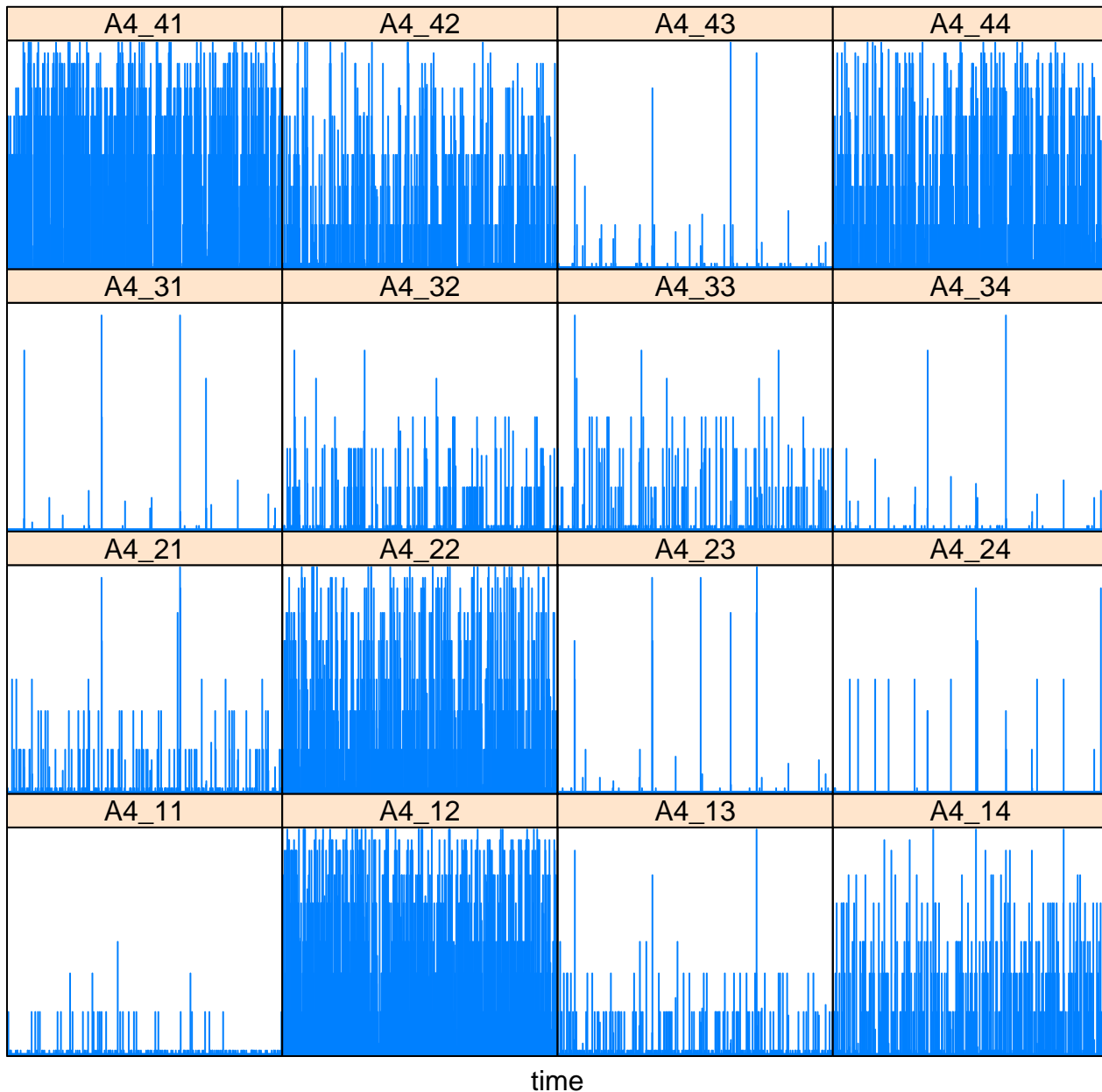Mean Firing Rate per Second for Well A1. Maximum firing rate:9 Hz

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

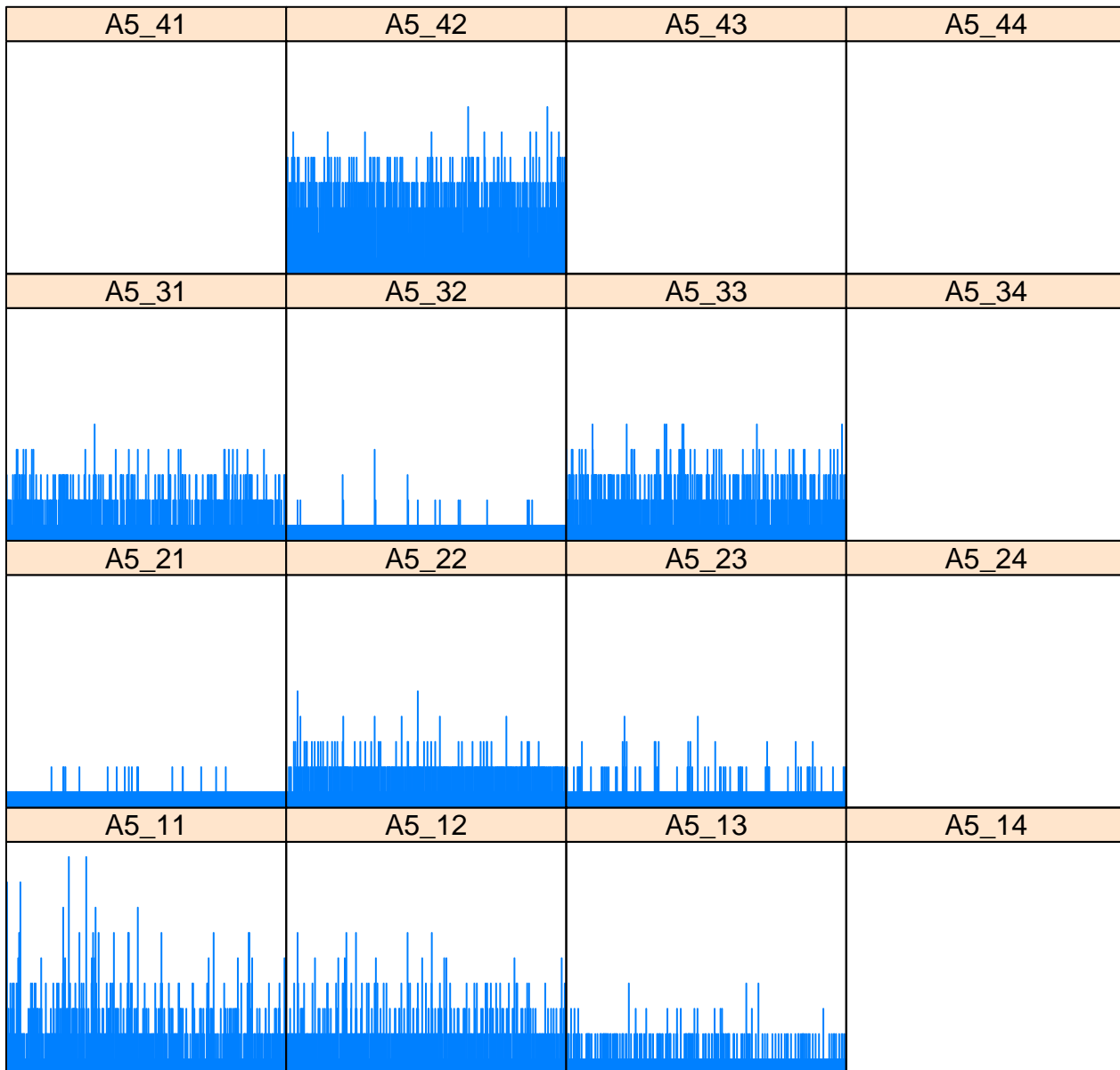Mean Firing Rate per Second for Well A3. Maximum firing rate:94 Hz

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

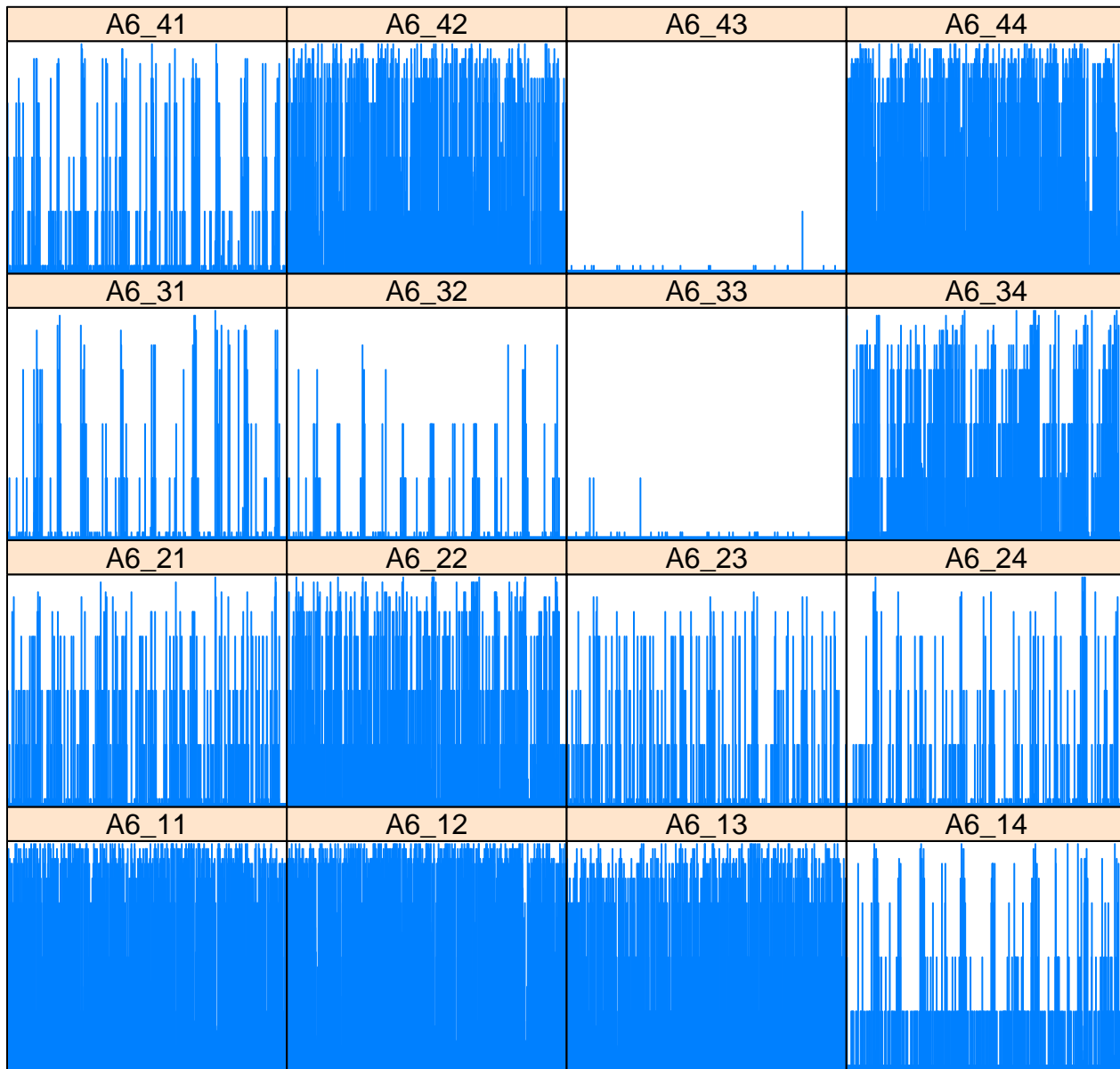# Mean Firing Rate per Second for Well A5. Maximum firing rate:8 Hz

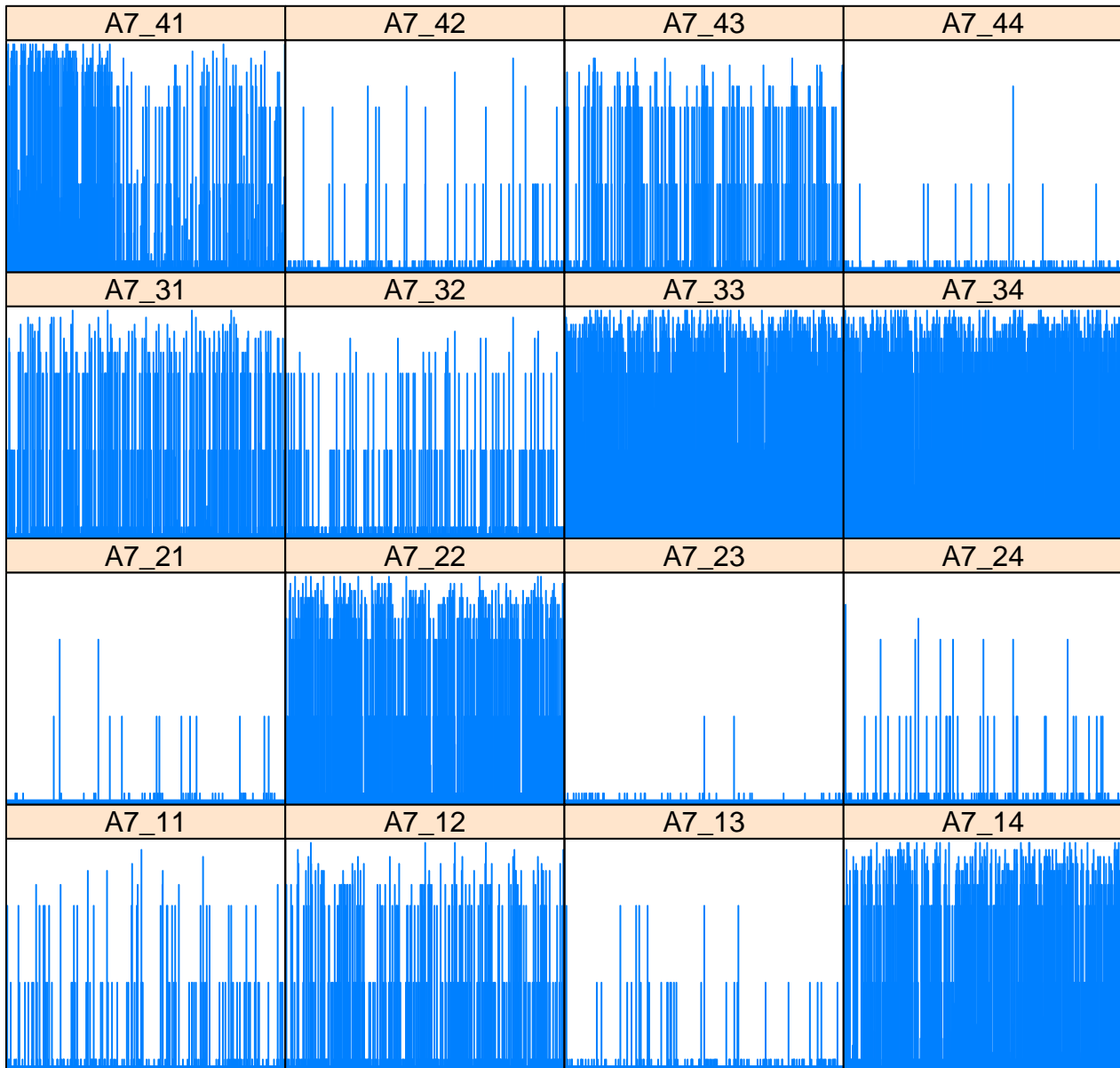**Mean Firing Rate per Second for Well A6. Maximum firing rate:9 Hz**

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

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

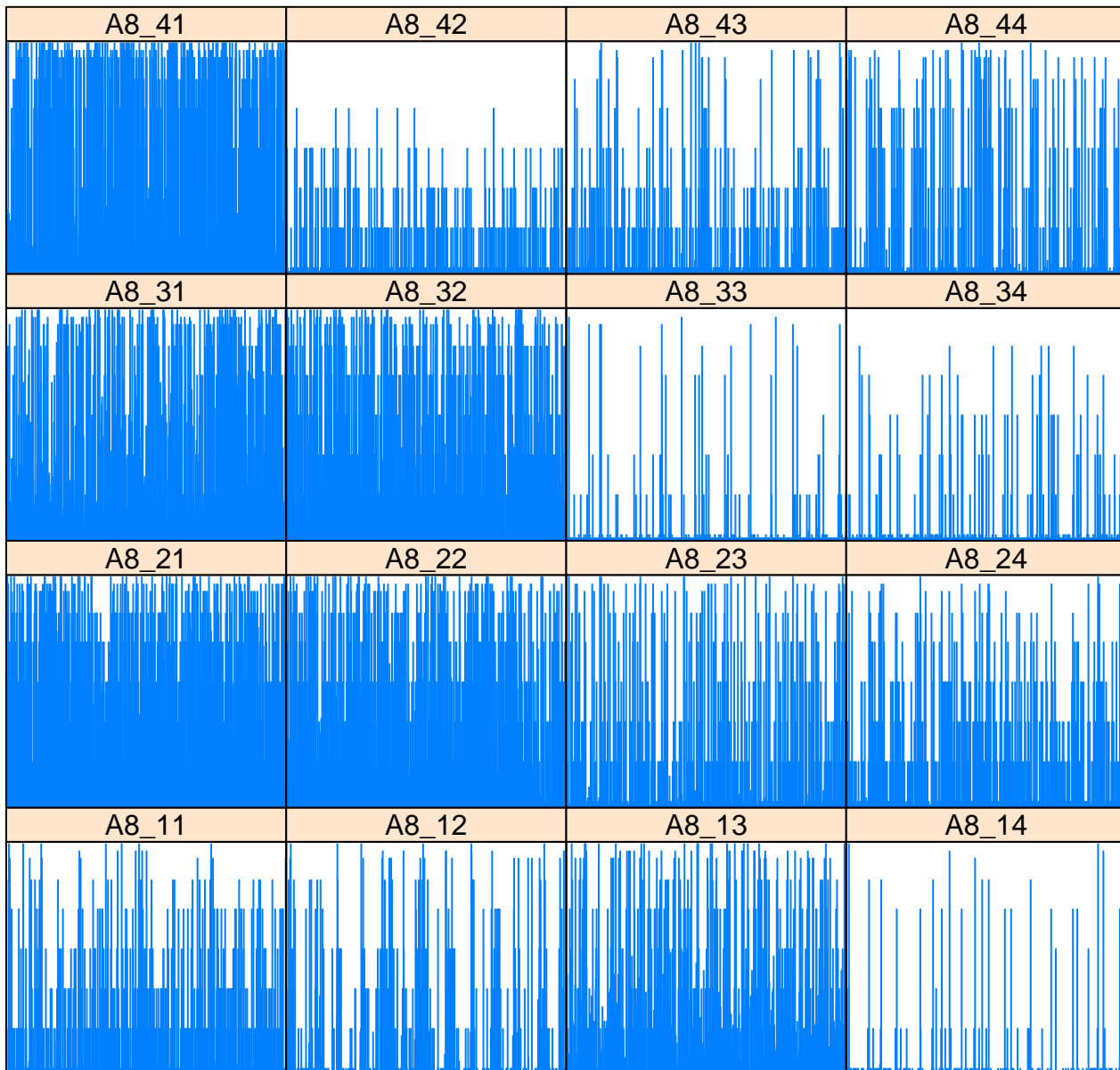Mean Firing Rate per Second for Well B1. Maximum firing rate:9 Hz

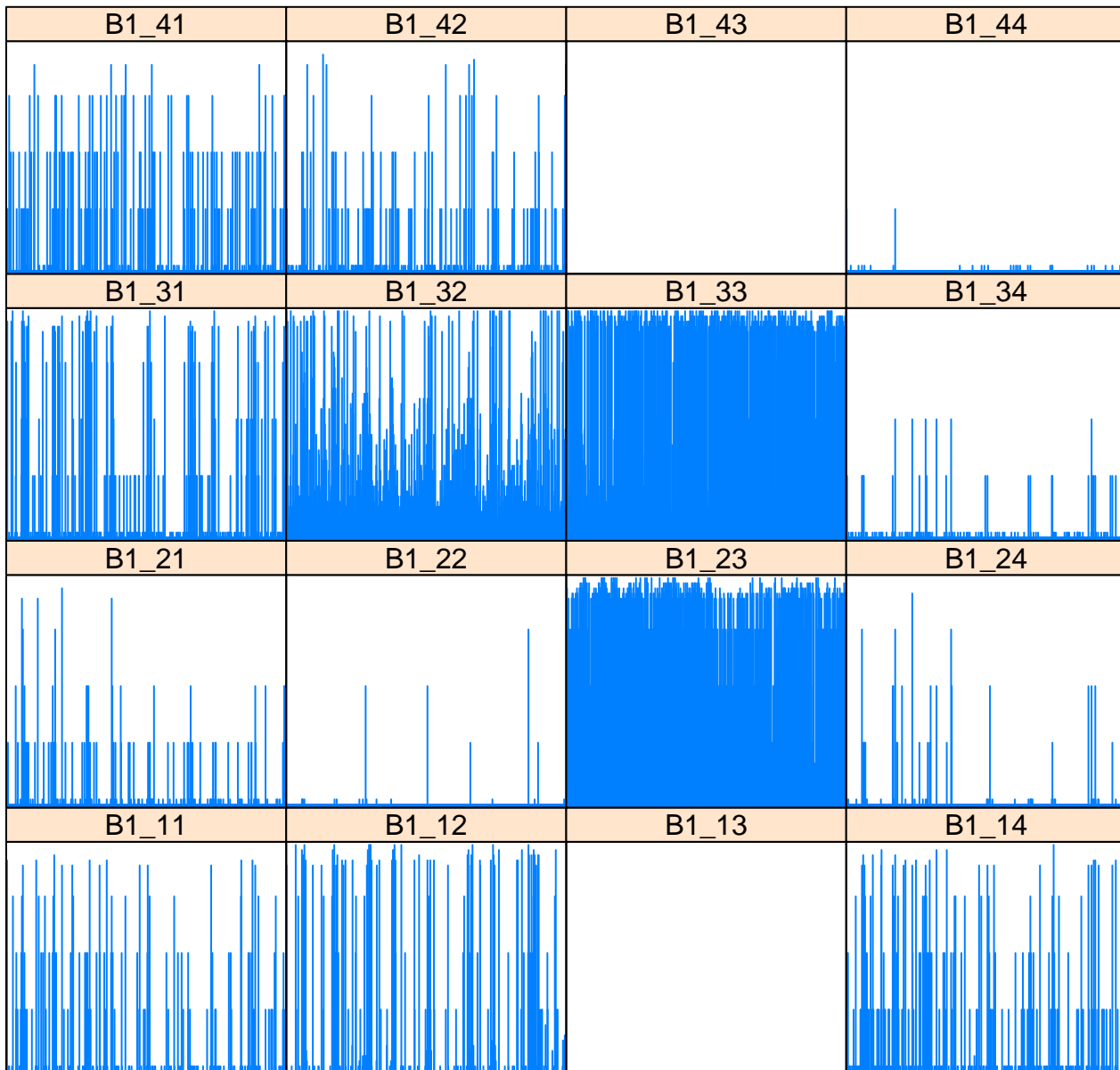Mean Firing Rate per Second for Well B2. Maximum firing rate:9 Hz

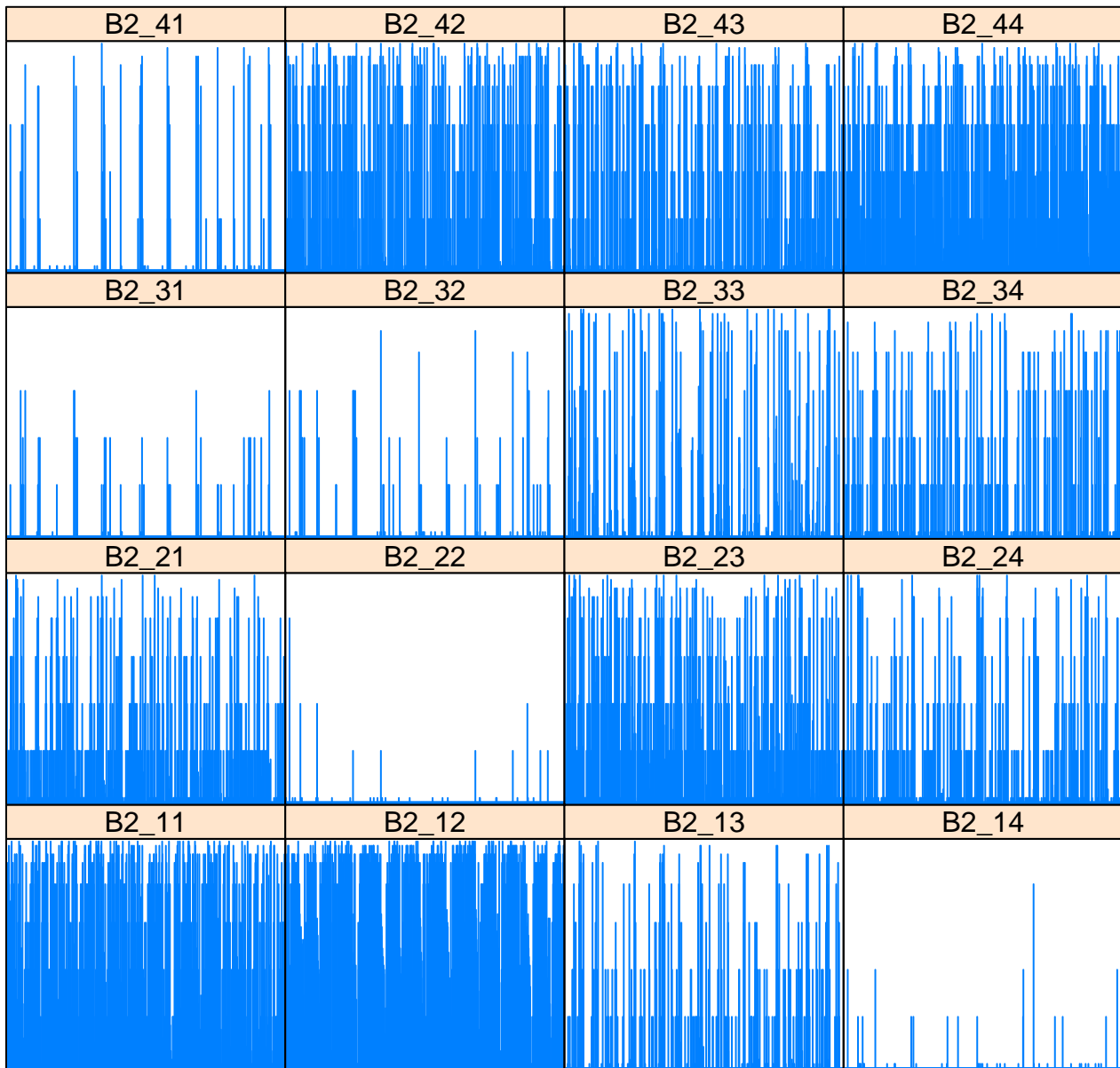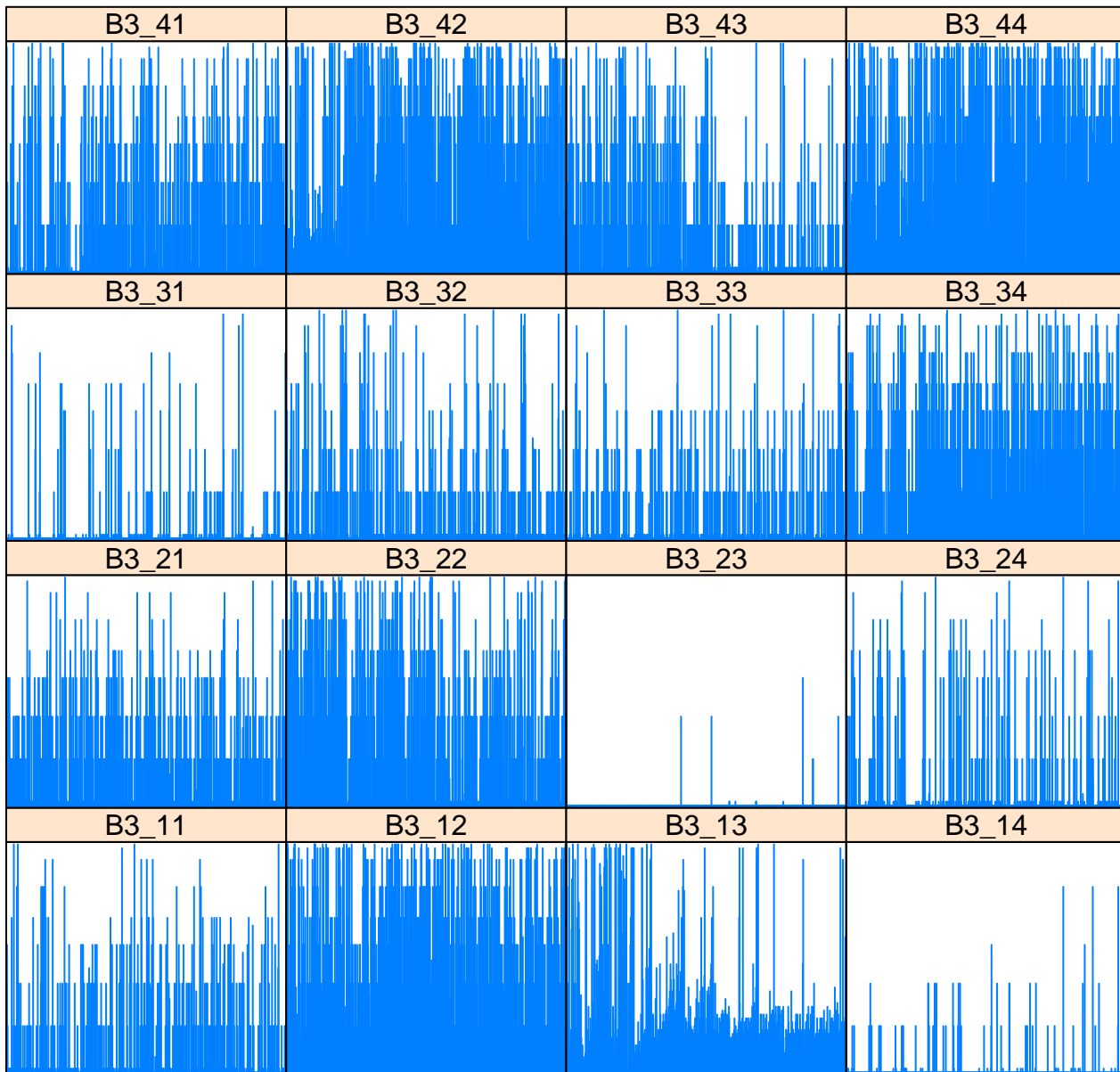**Mean Firing Rate per Second for Well B3. Maximum firing rate:9 Hz**

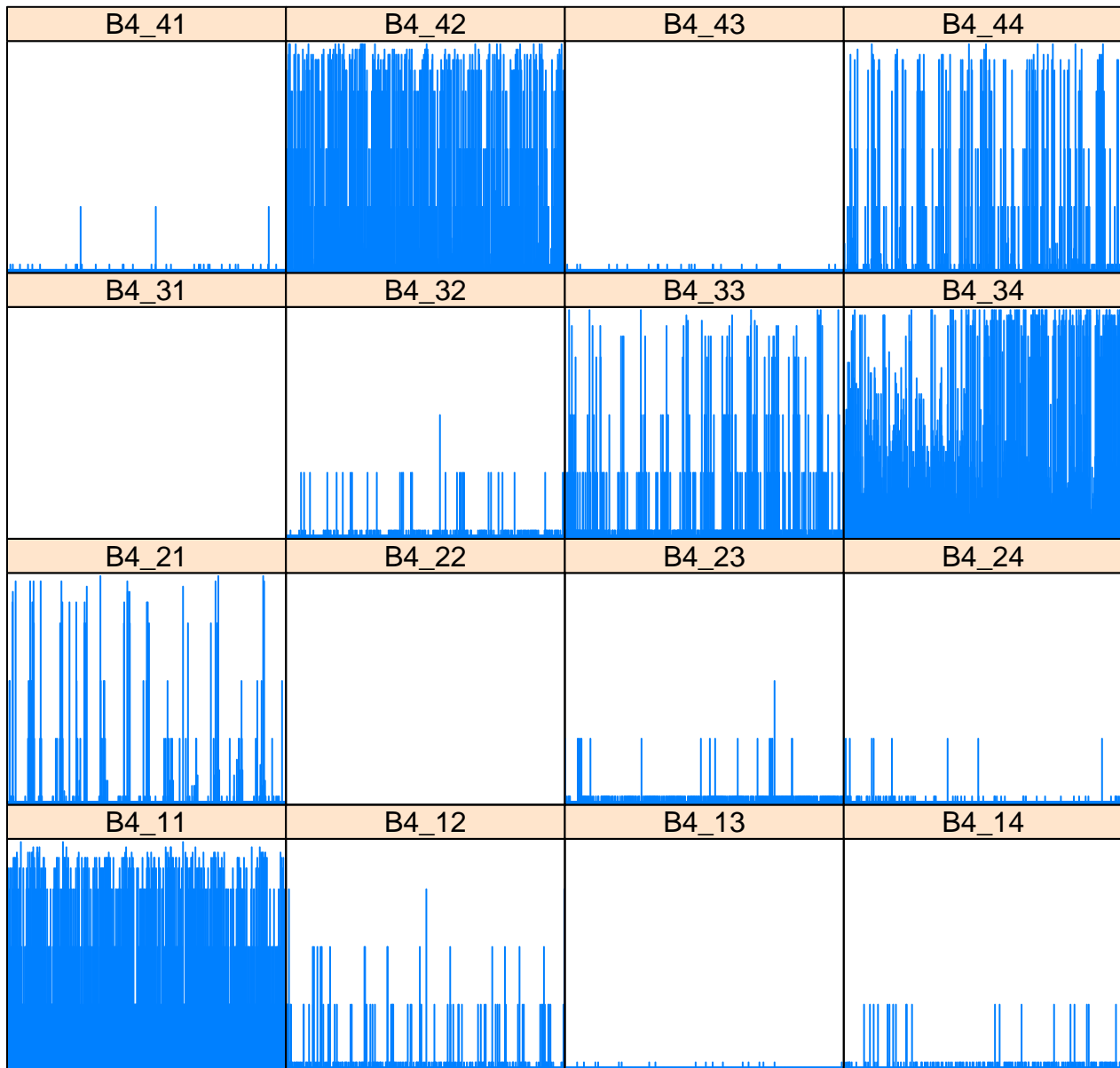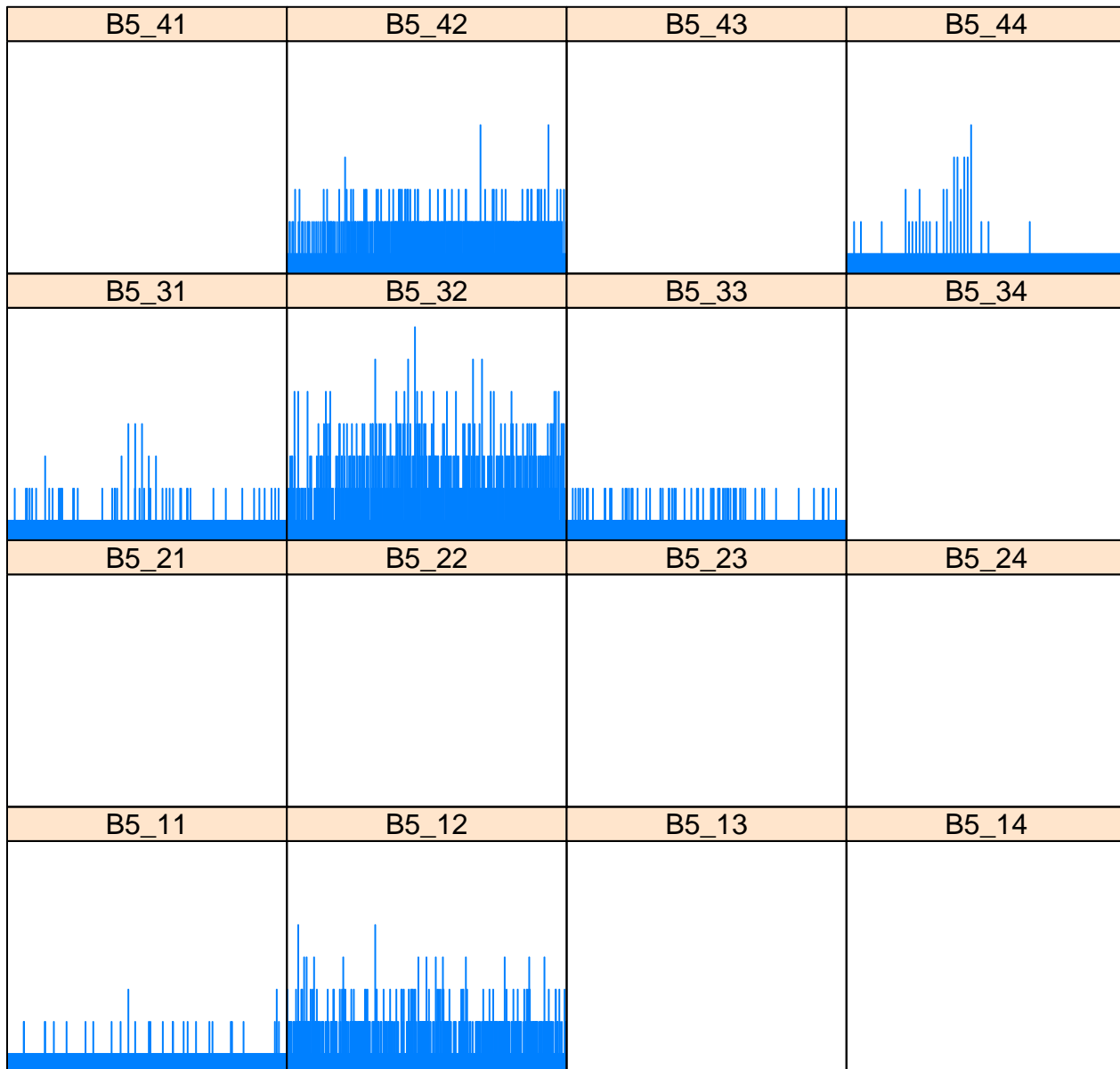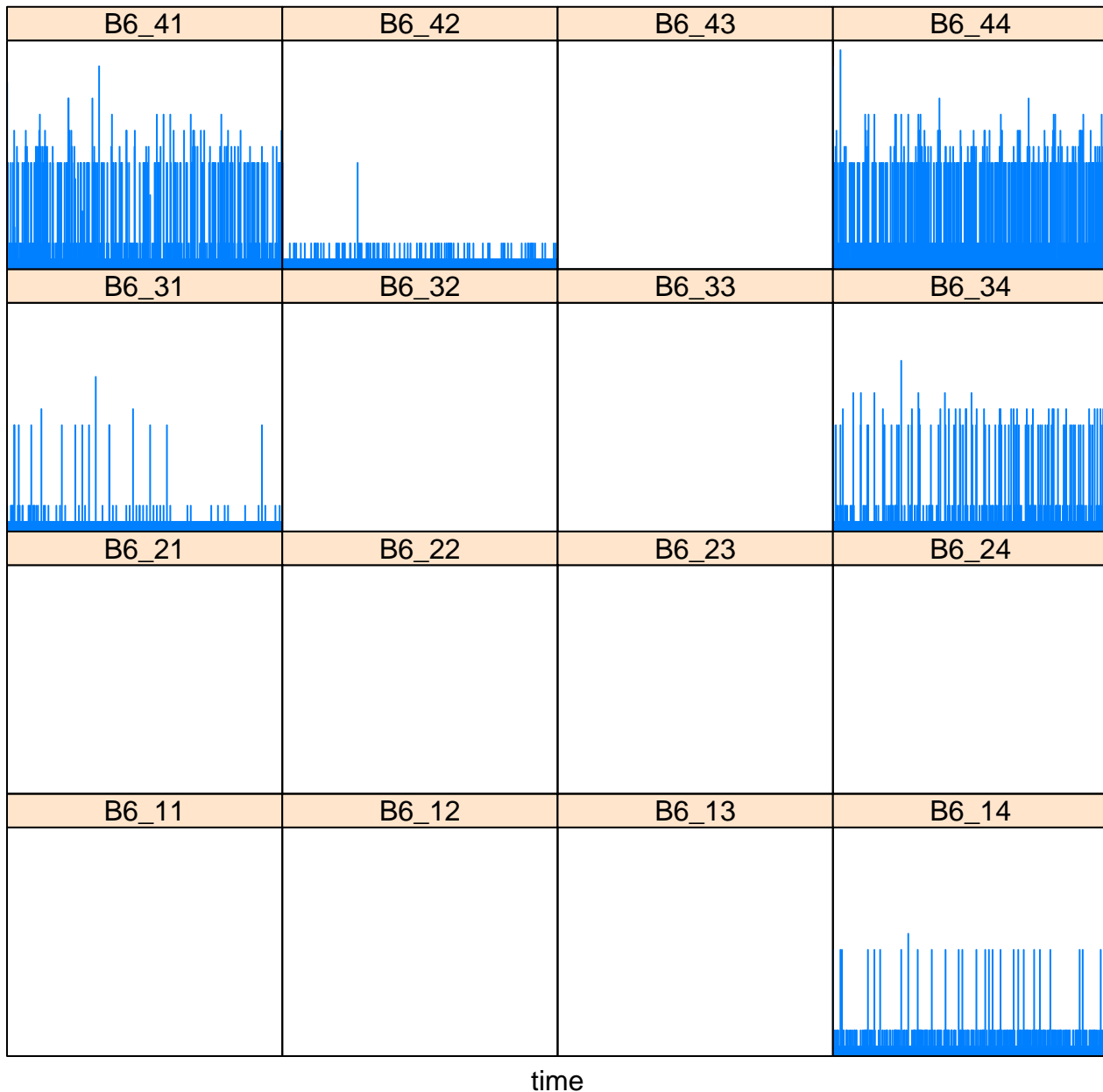**Mean Firing Rate per Second for Well B4. Maximum firing rate:9 Hz**

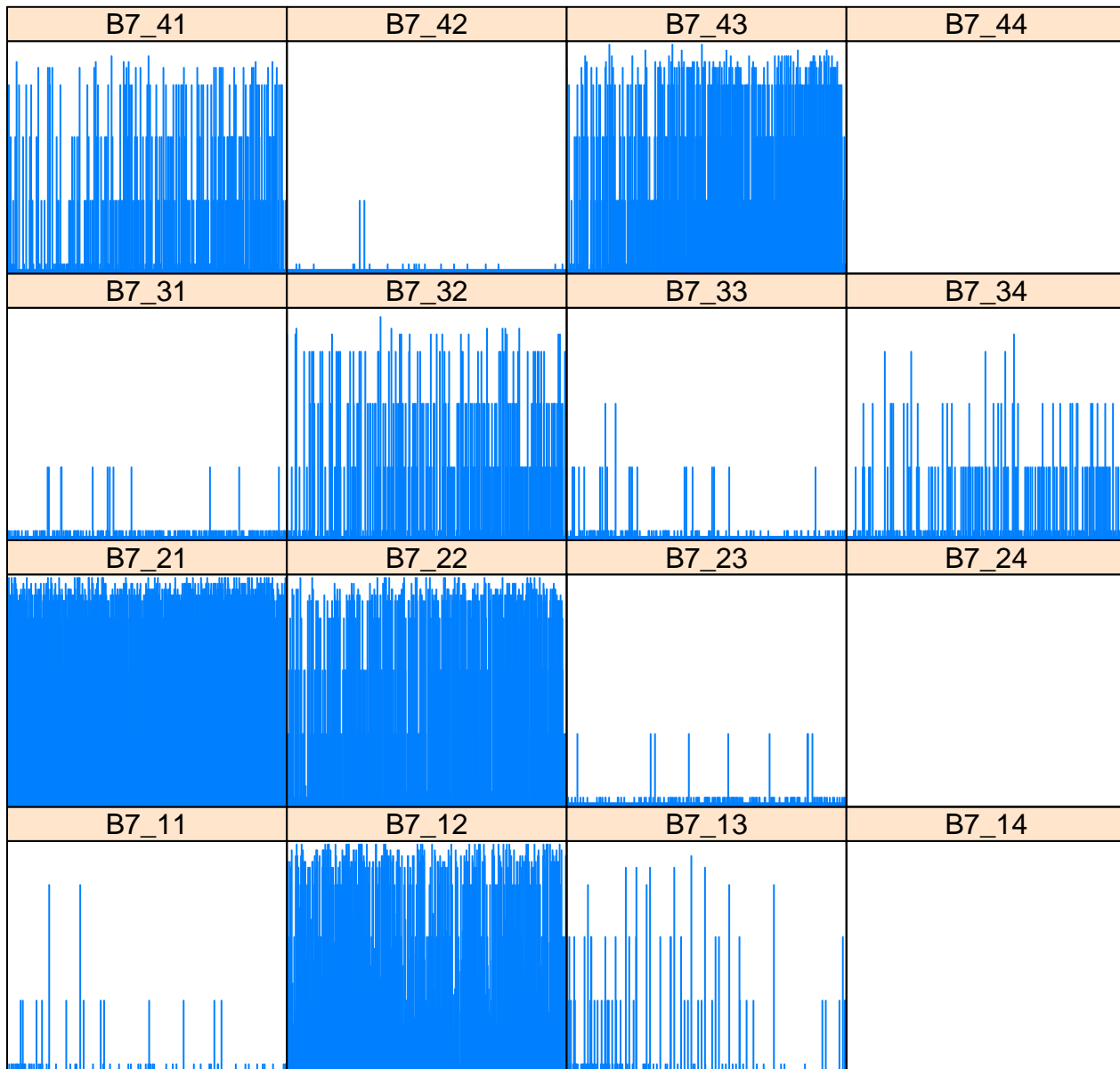Mean Firing Rate per Second for Well B5. Maximum firing rate:6 Hz

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

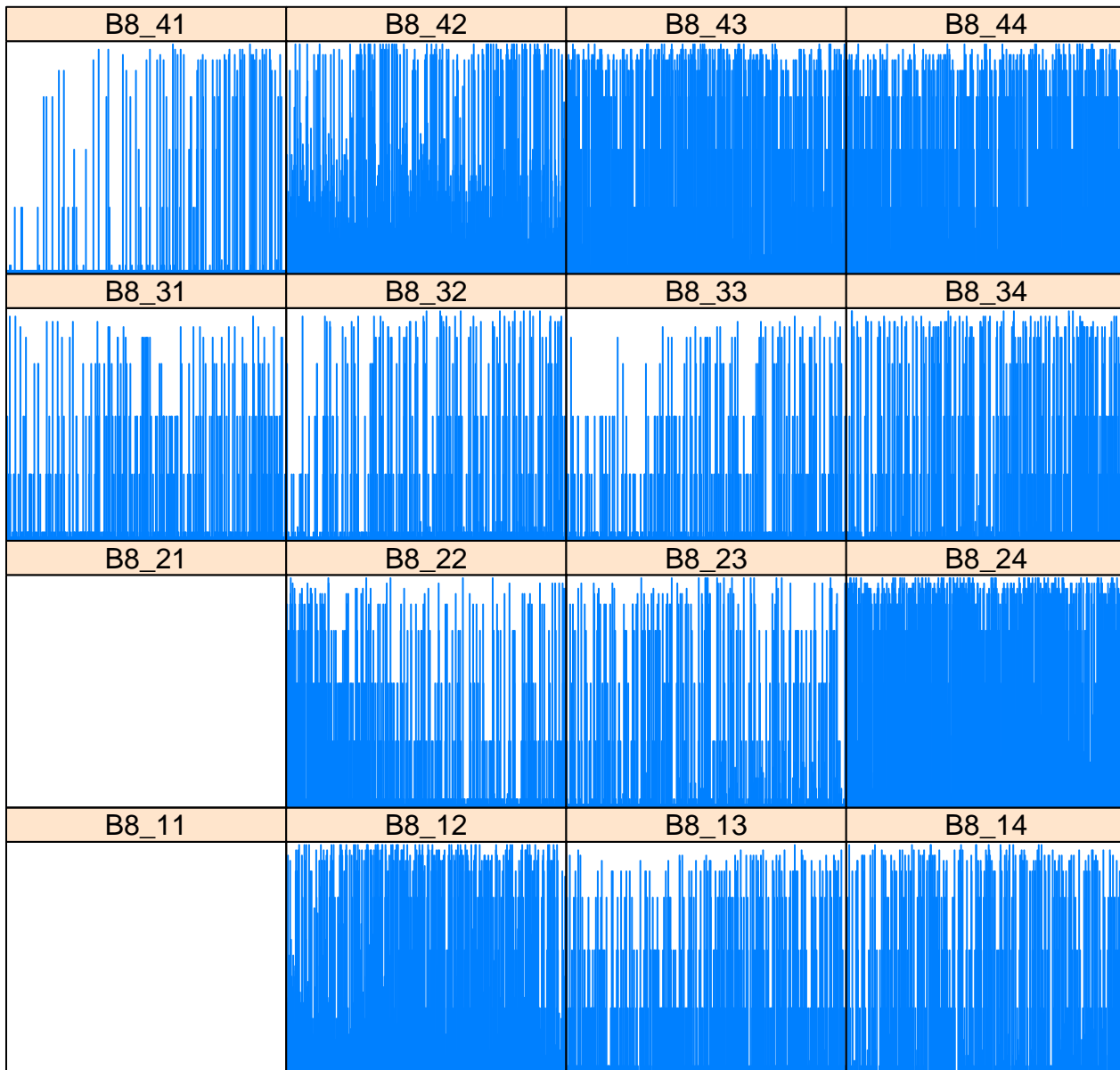**Mean Firing Rate per Second for Well B7. Maximum firing rate:9 Hz**

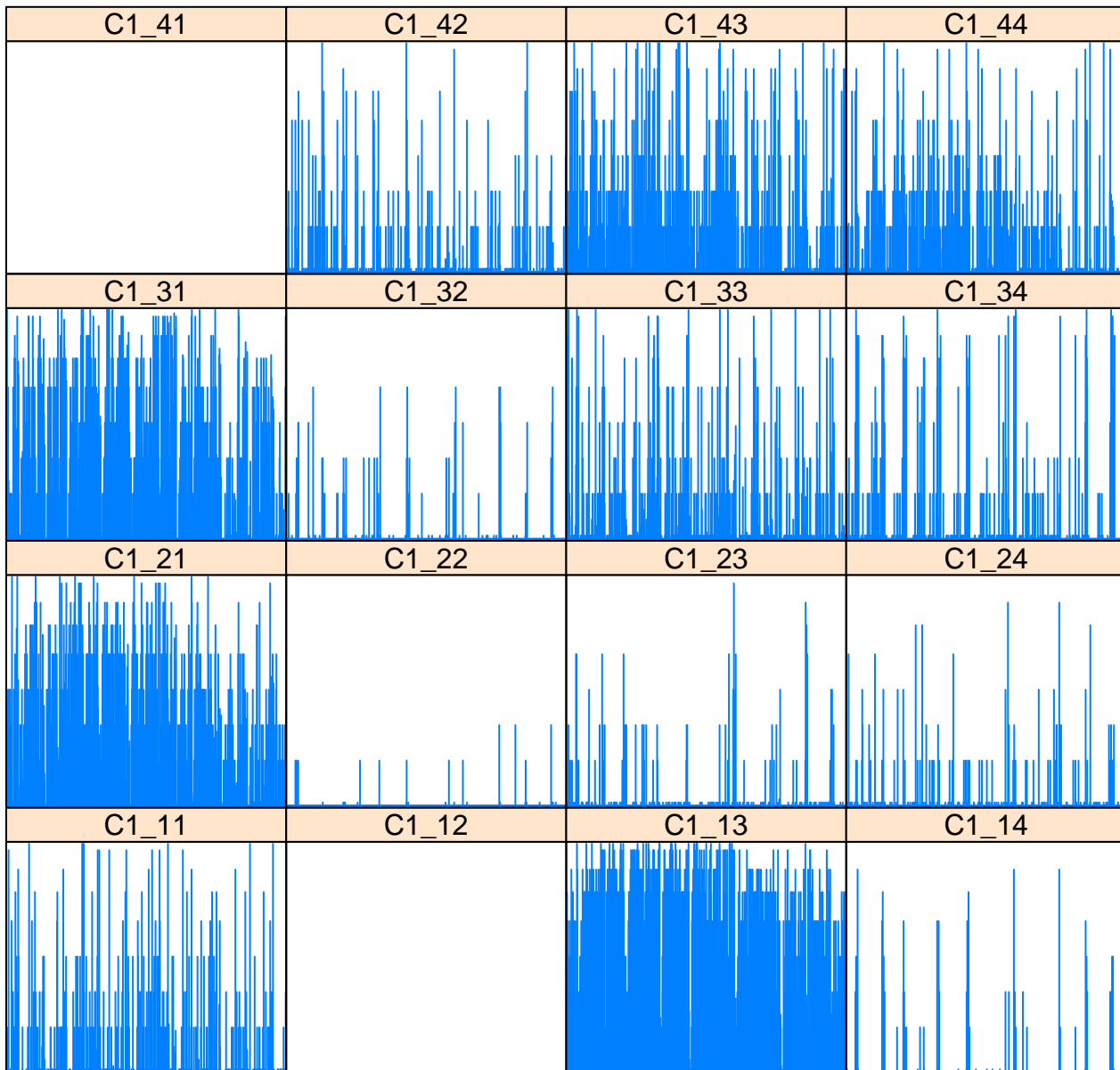**Mean Firing Rate per Second for Well B8. Maximum firing rate:9 Hz**

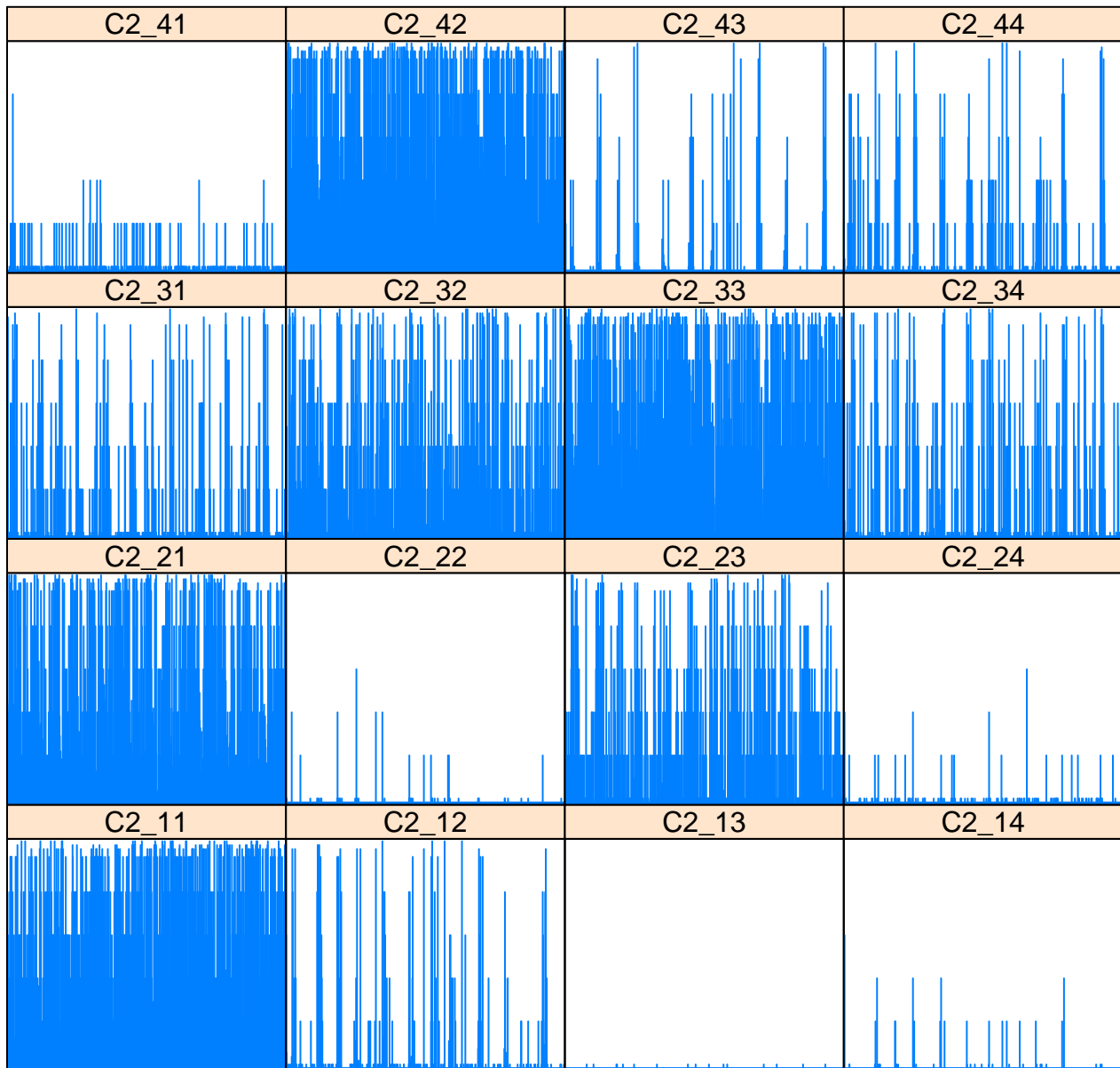# Mean Firing Rate per Second for Well C1. Maximum firing rate:9 Hz

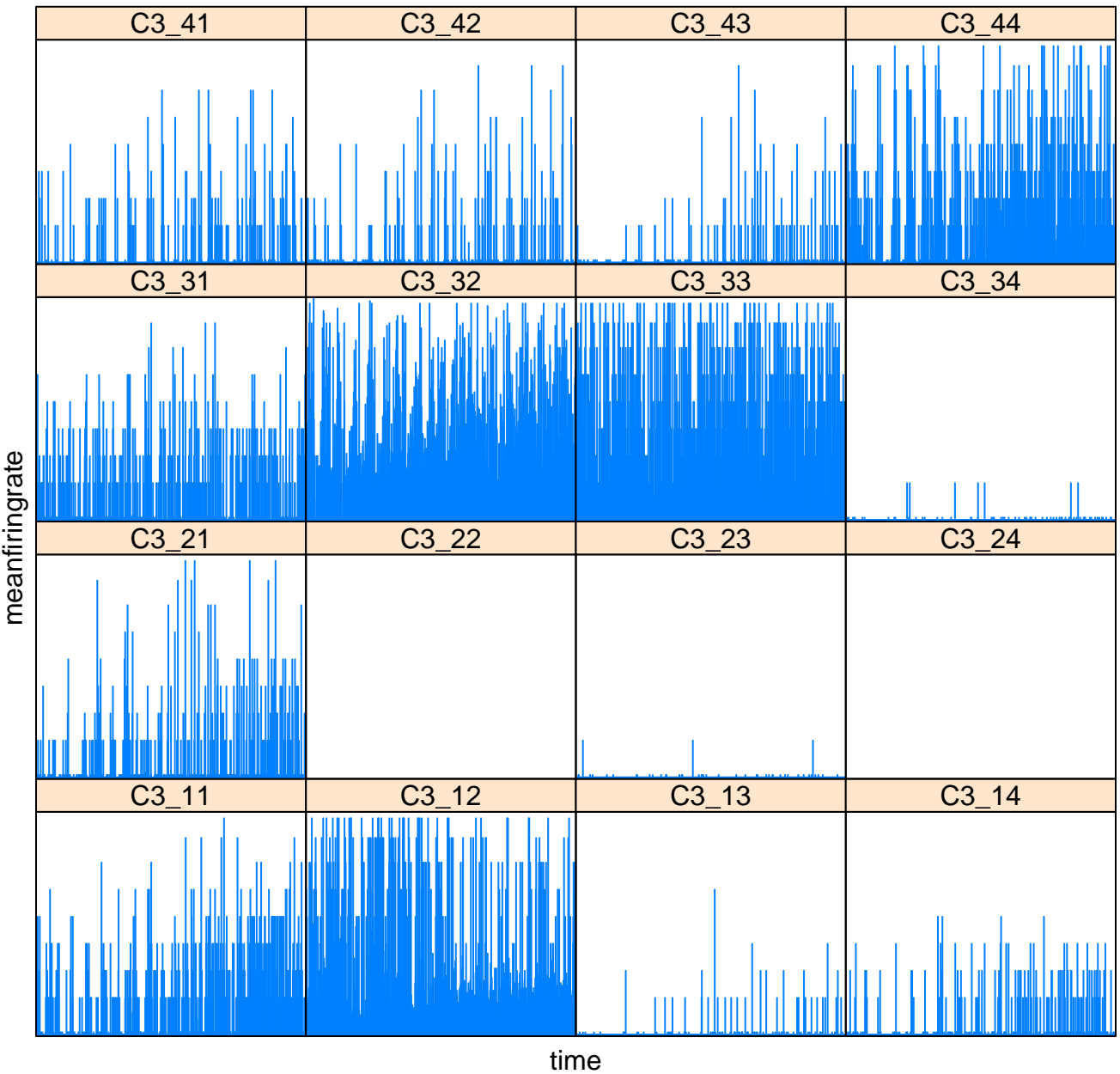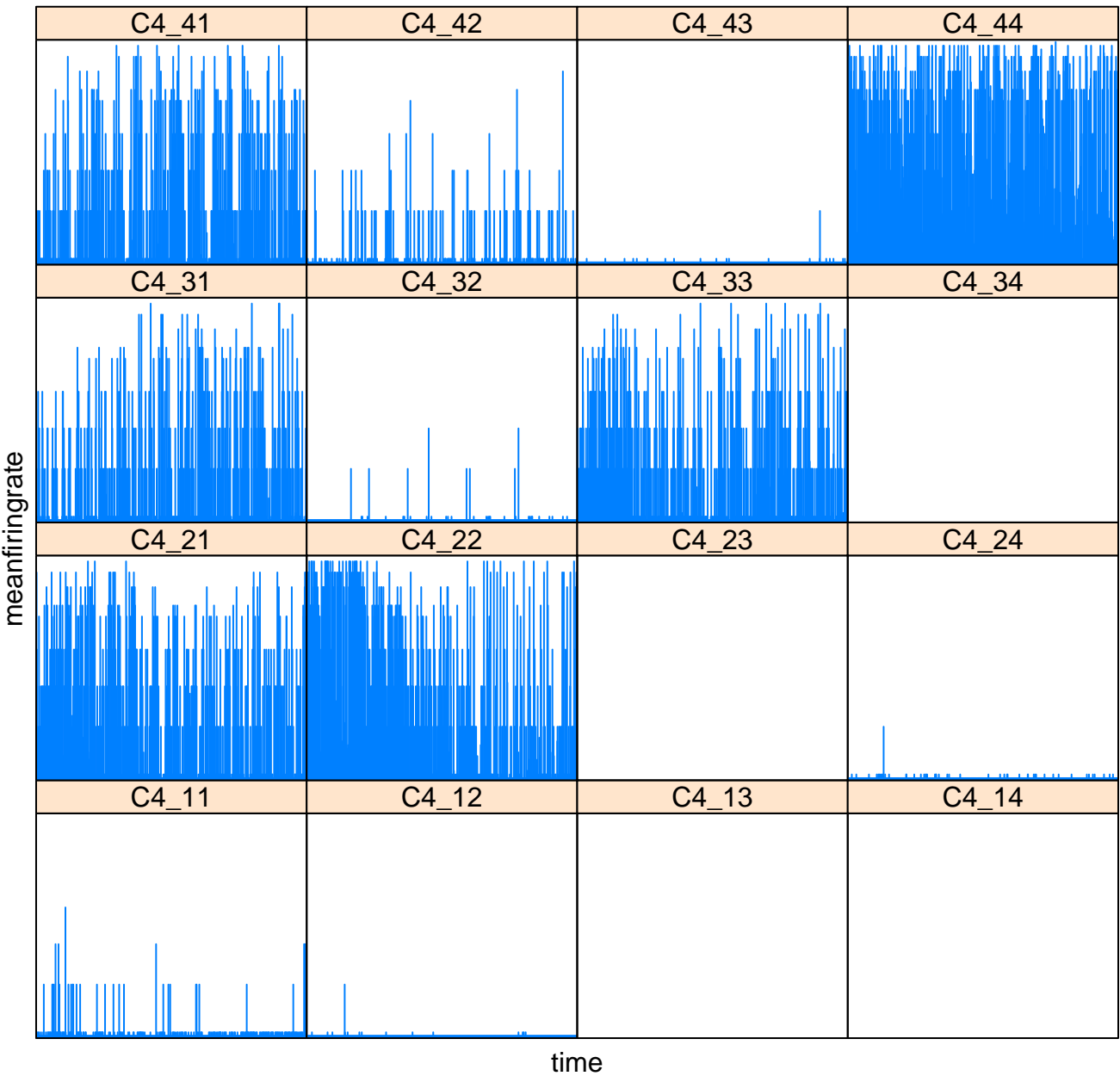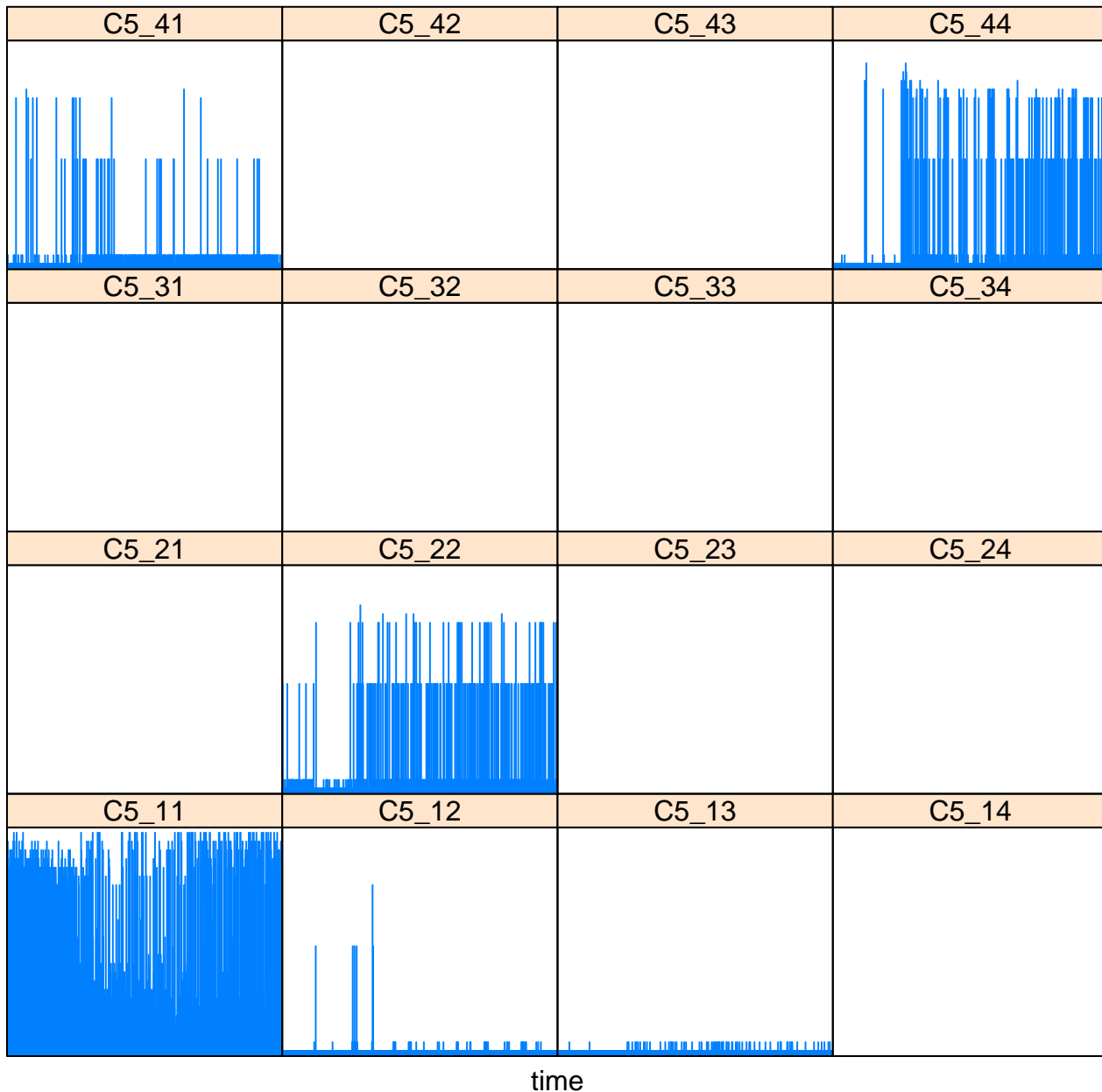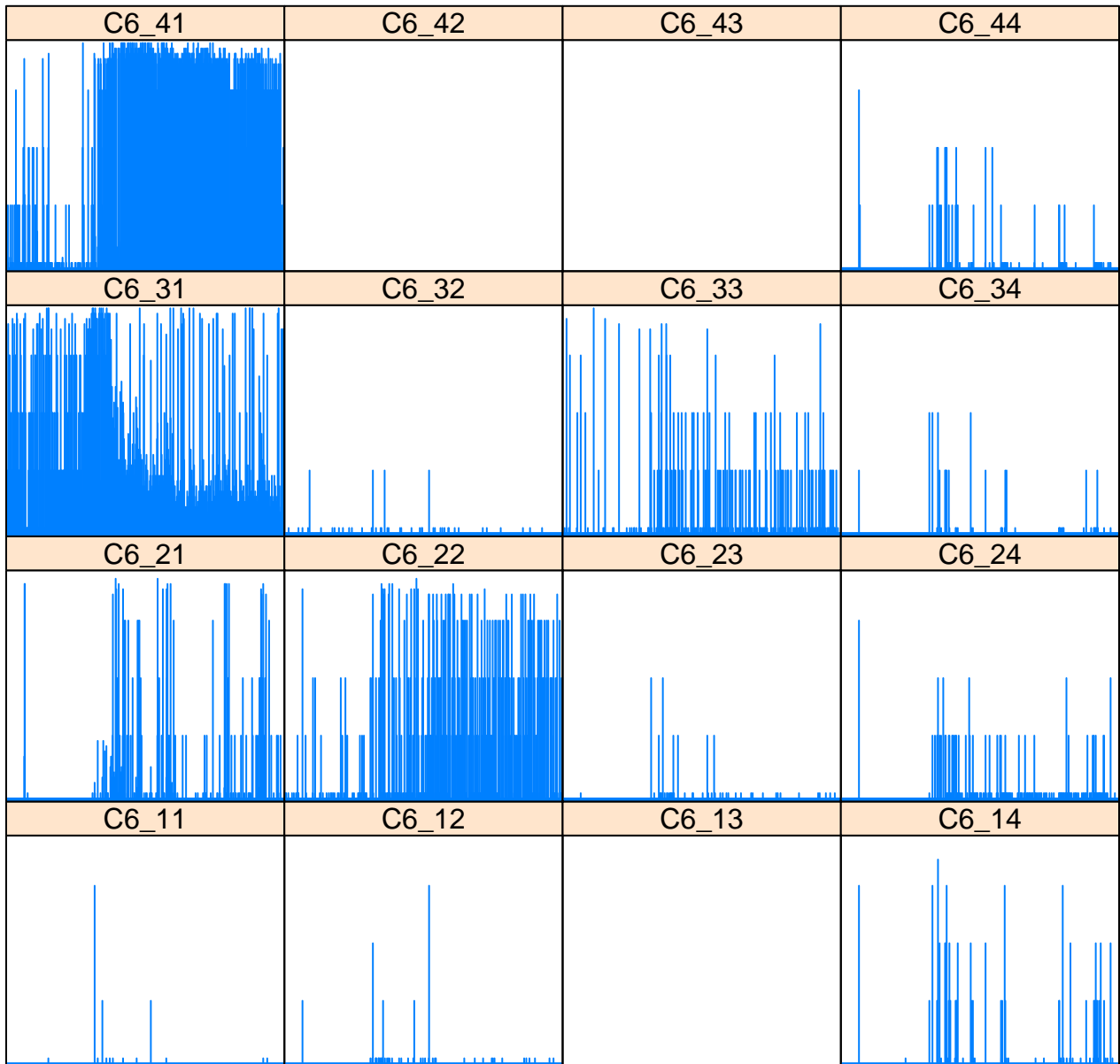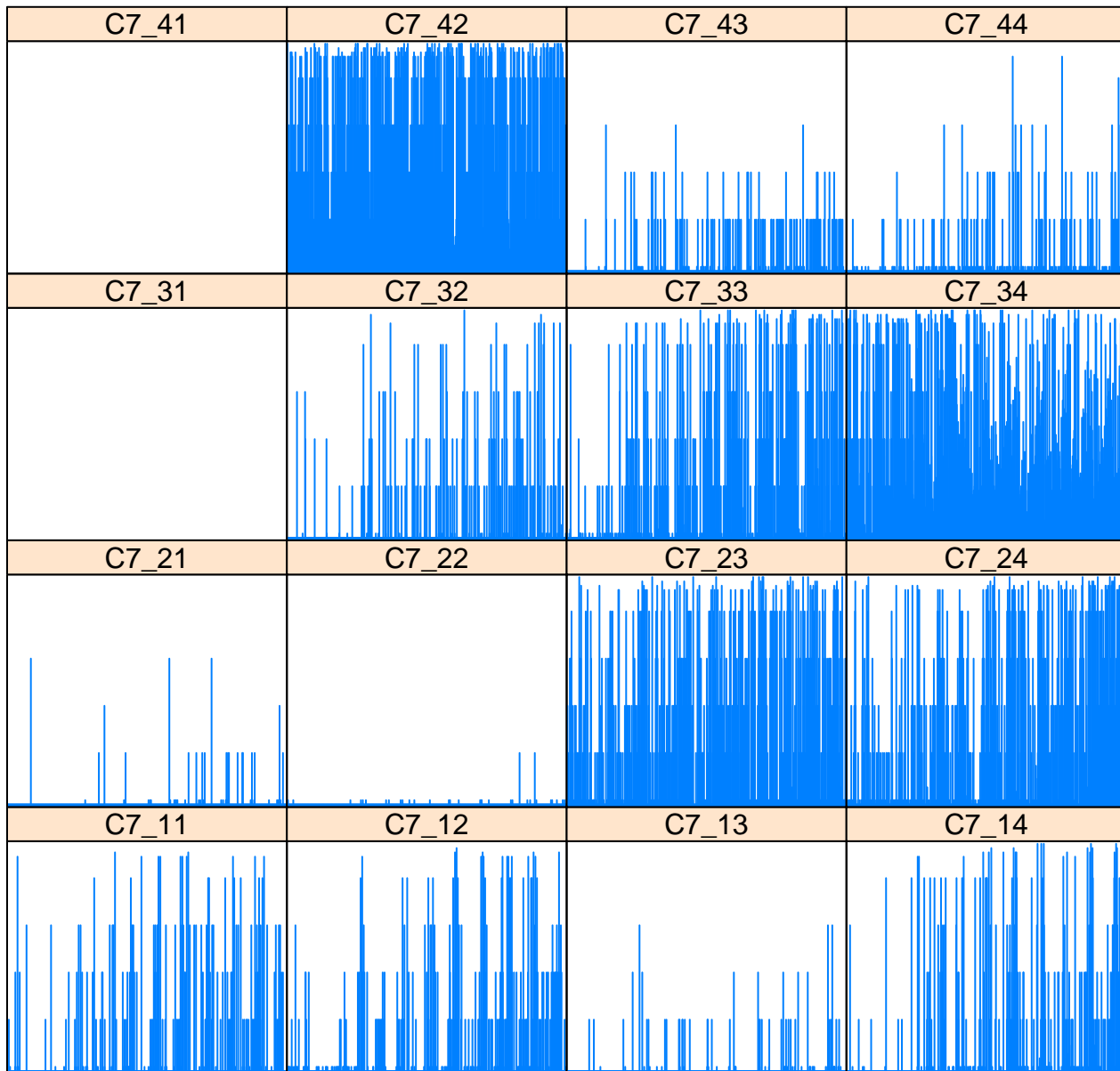**Mean Firing Rate per Second for Well C2. Maximum firing rate:9 Hz**
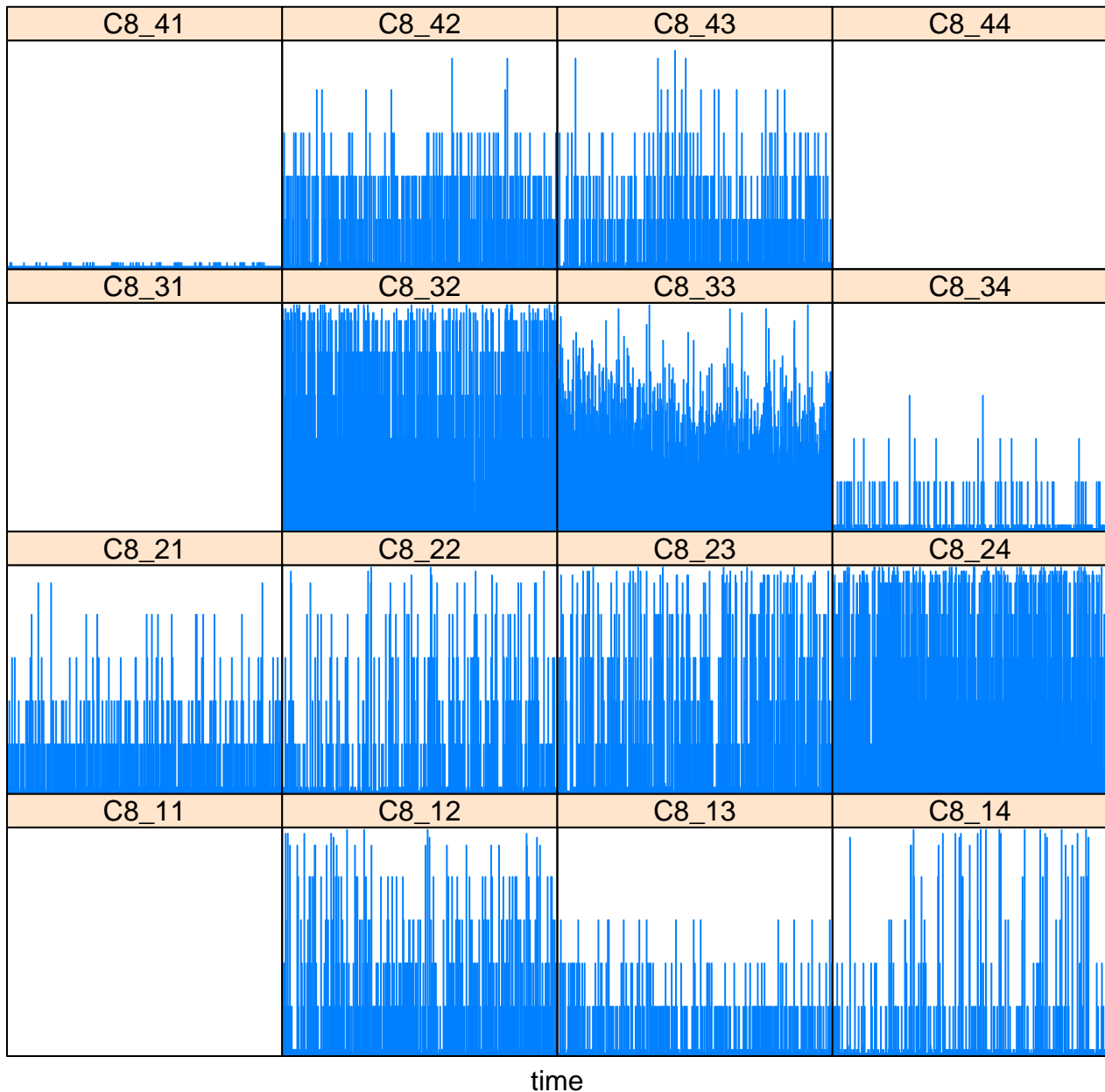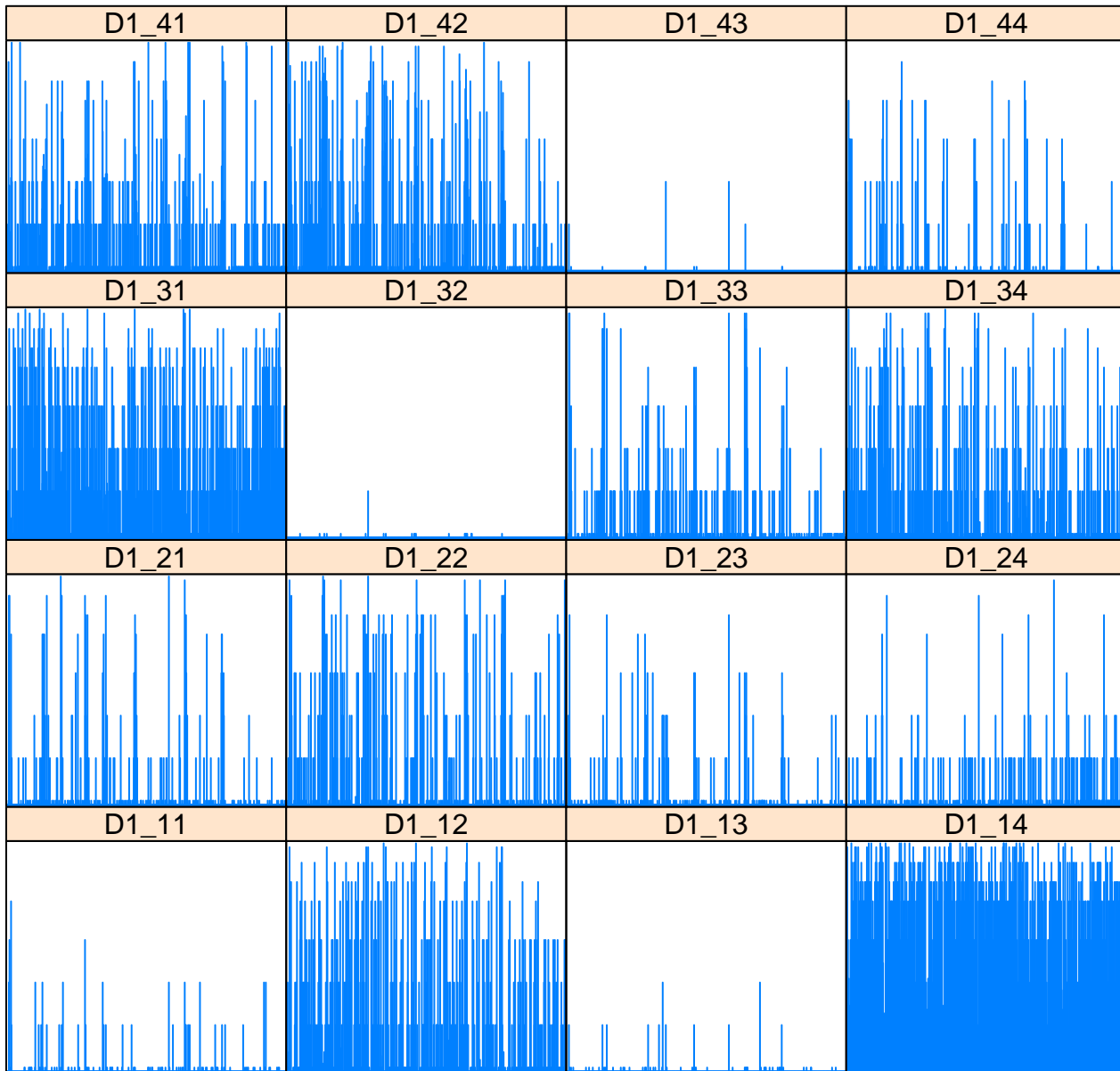
Mean Firing Rate per Second for Well C3. Maximum firing rate:97 Hz

Mean Firing Rate per Second for Well C4. Maximum firing rate:93 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:9 Hz

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

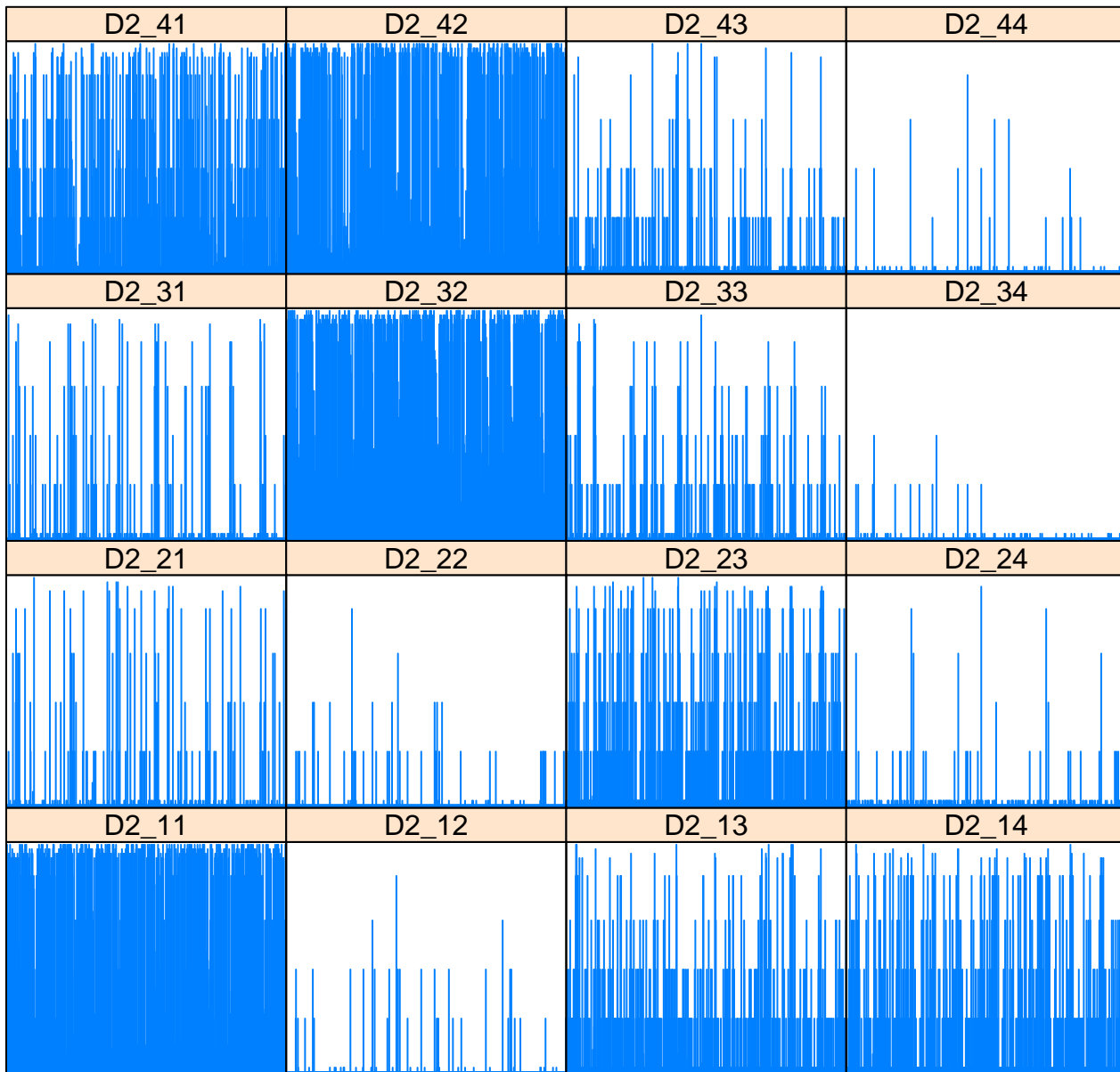**Mean Firing Rate per Second for Well D1. Maximum firing rate:9 Hz**
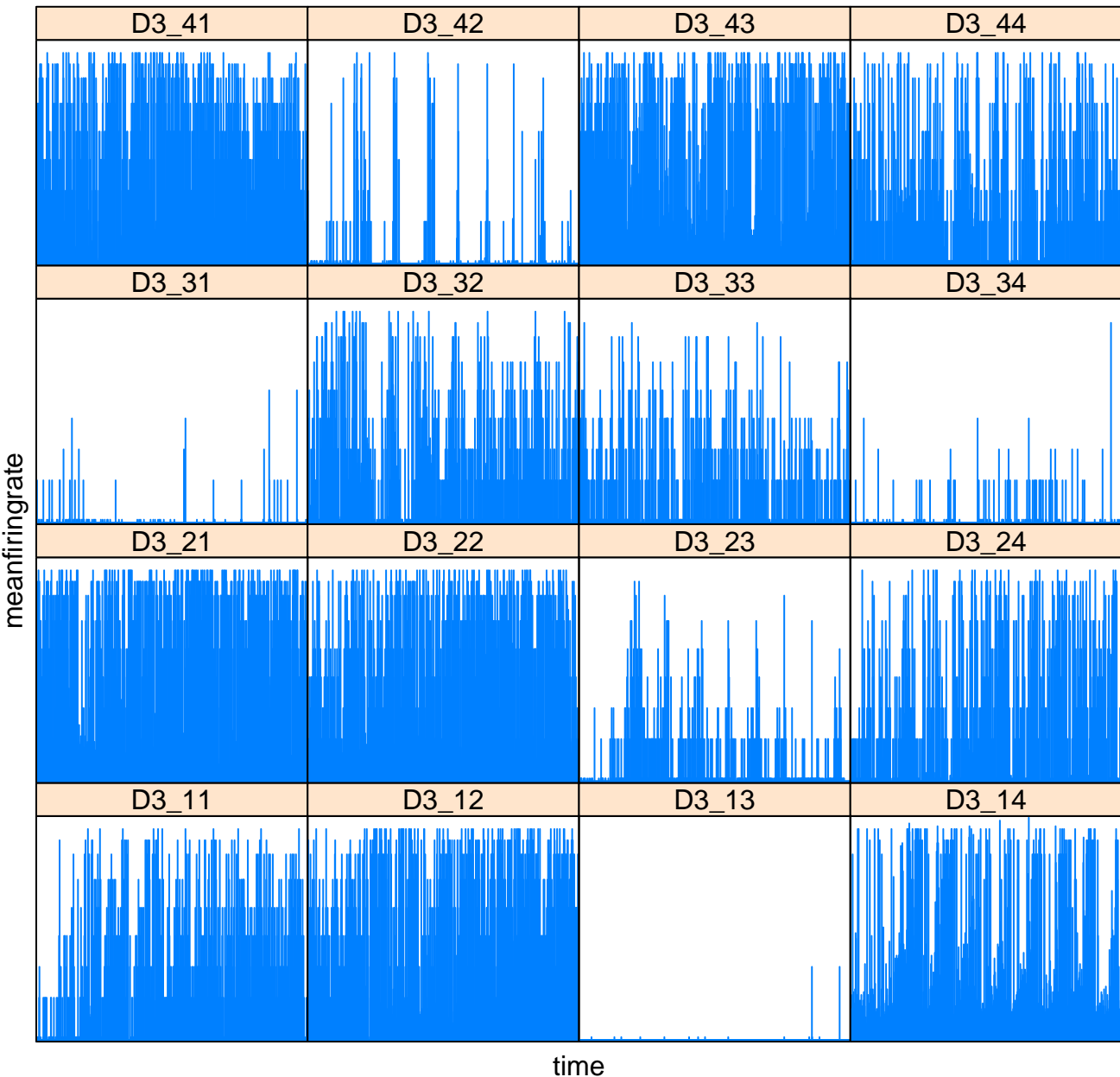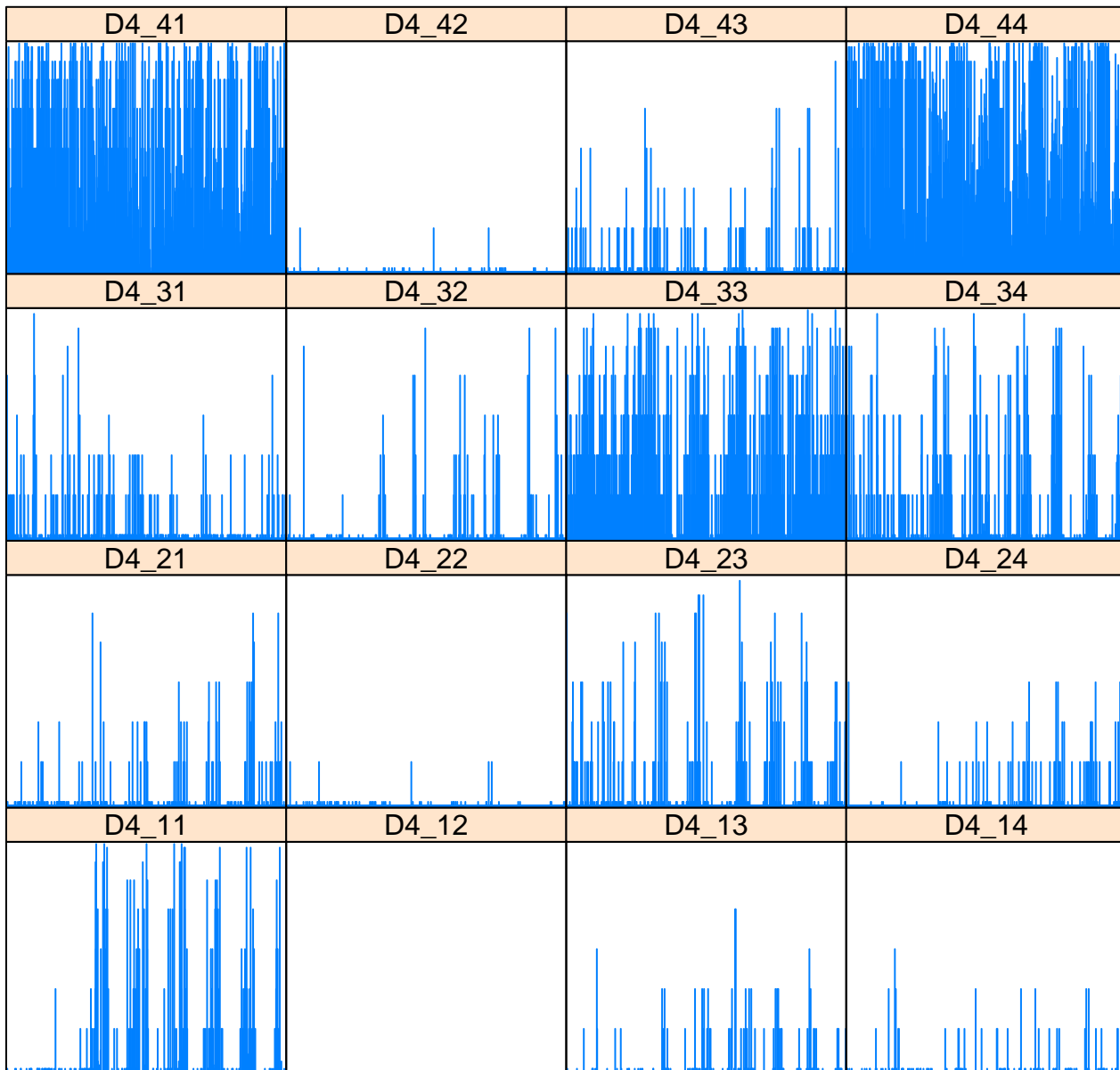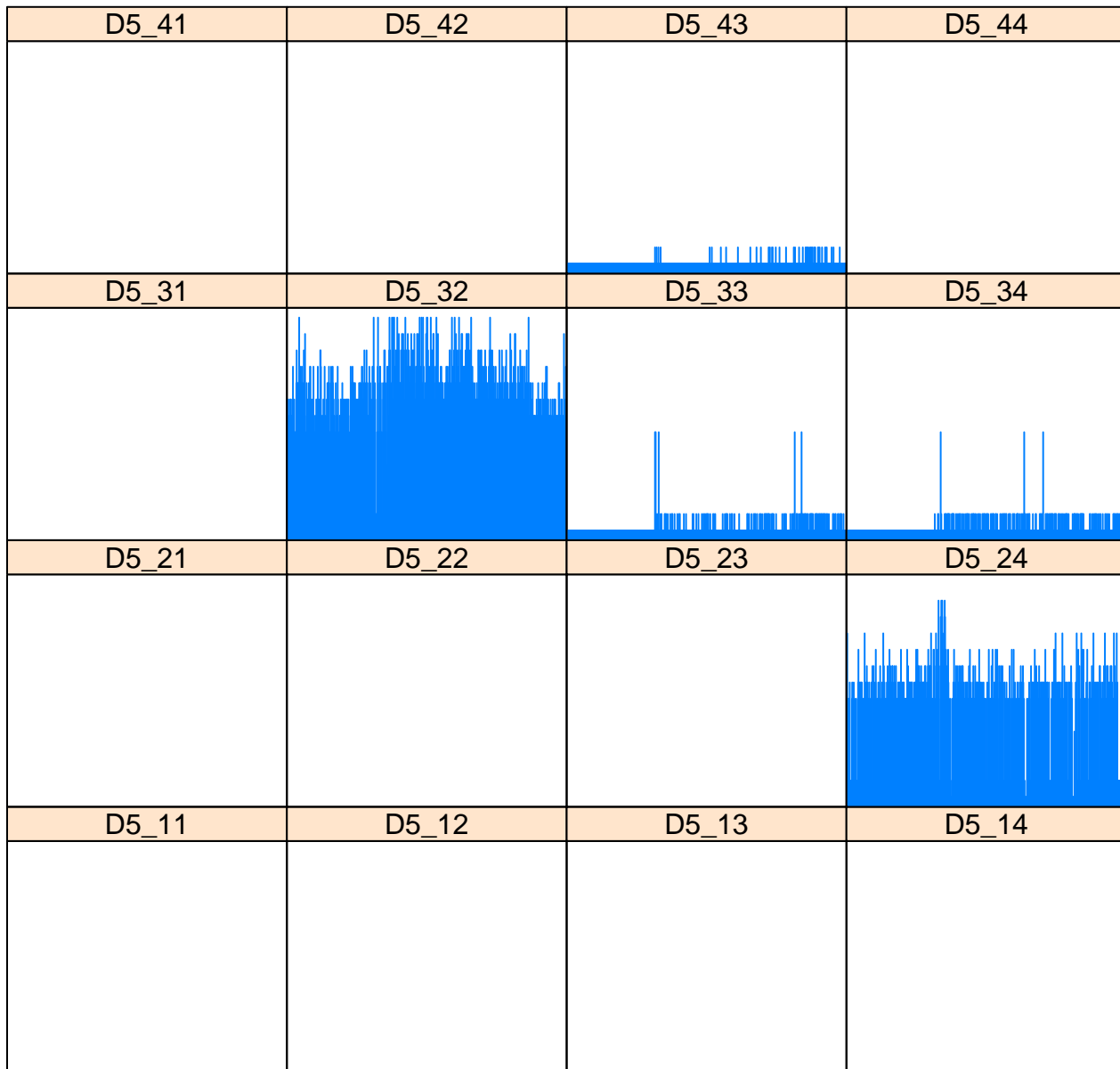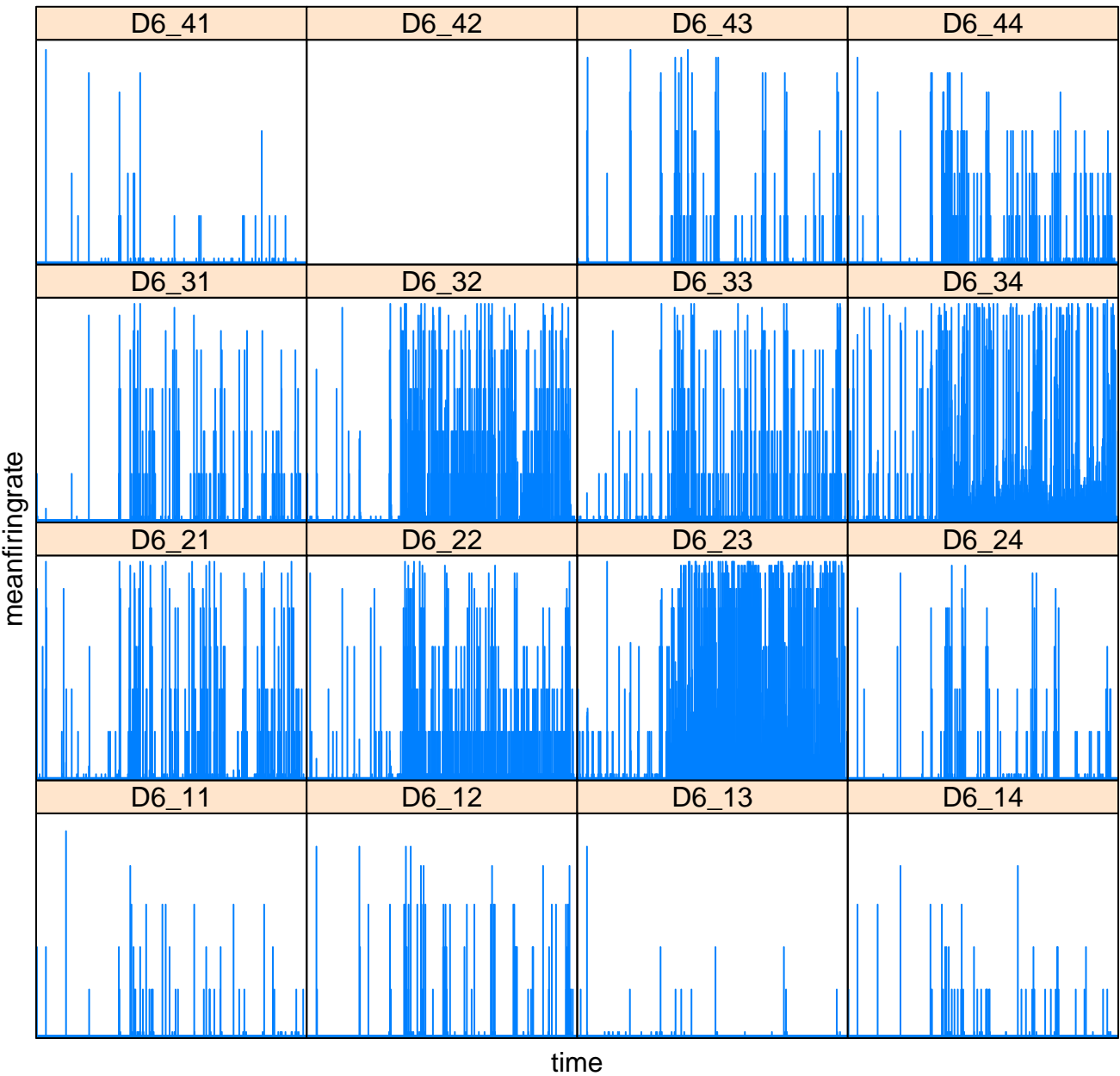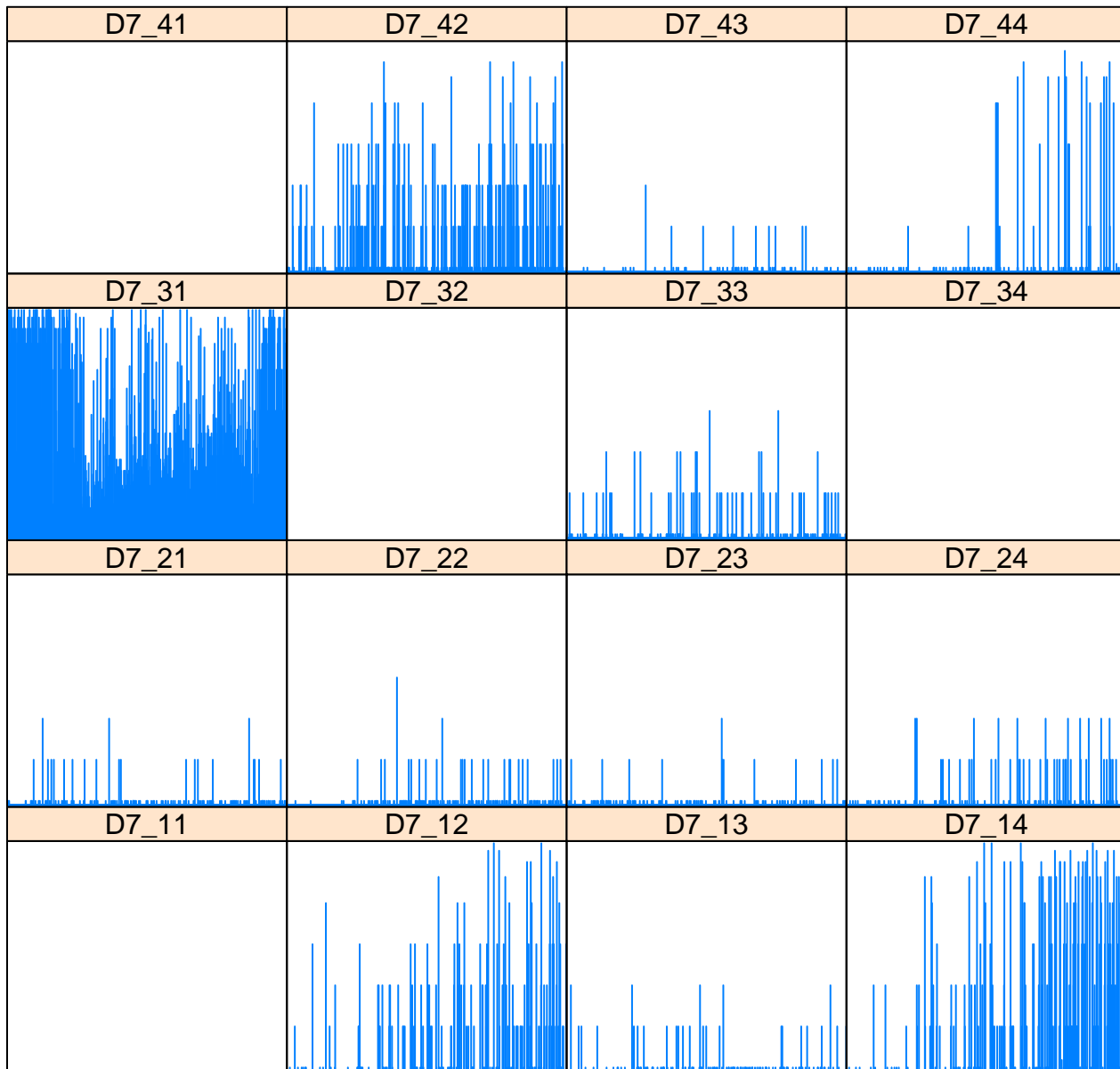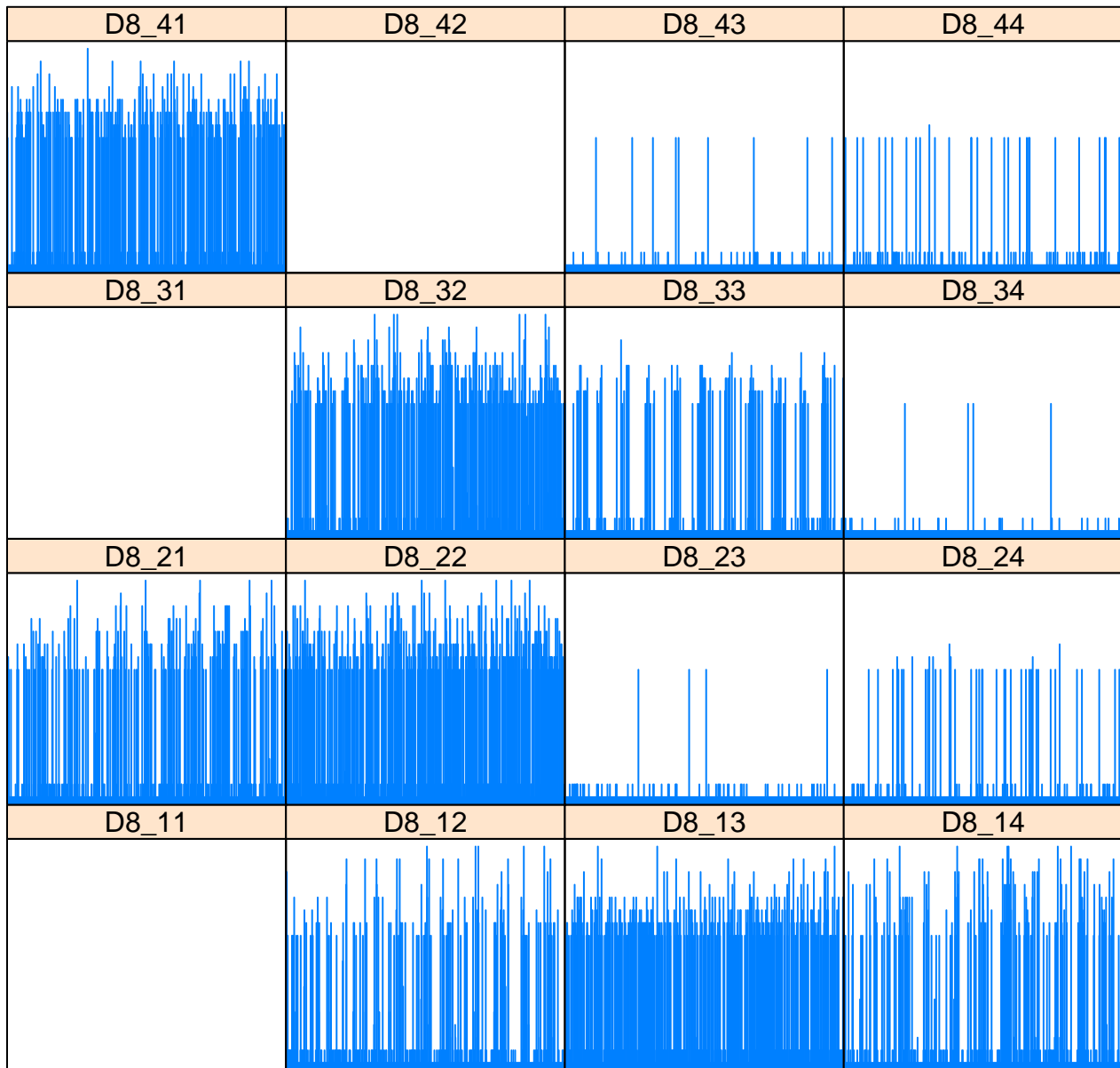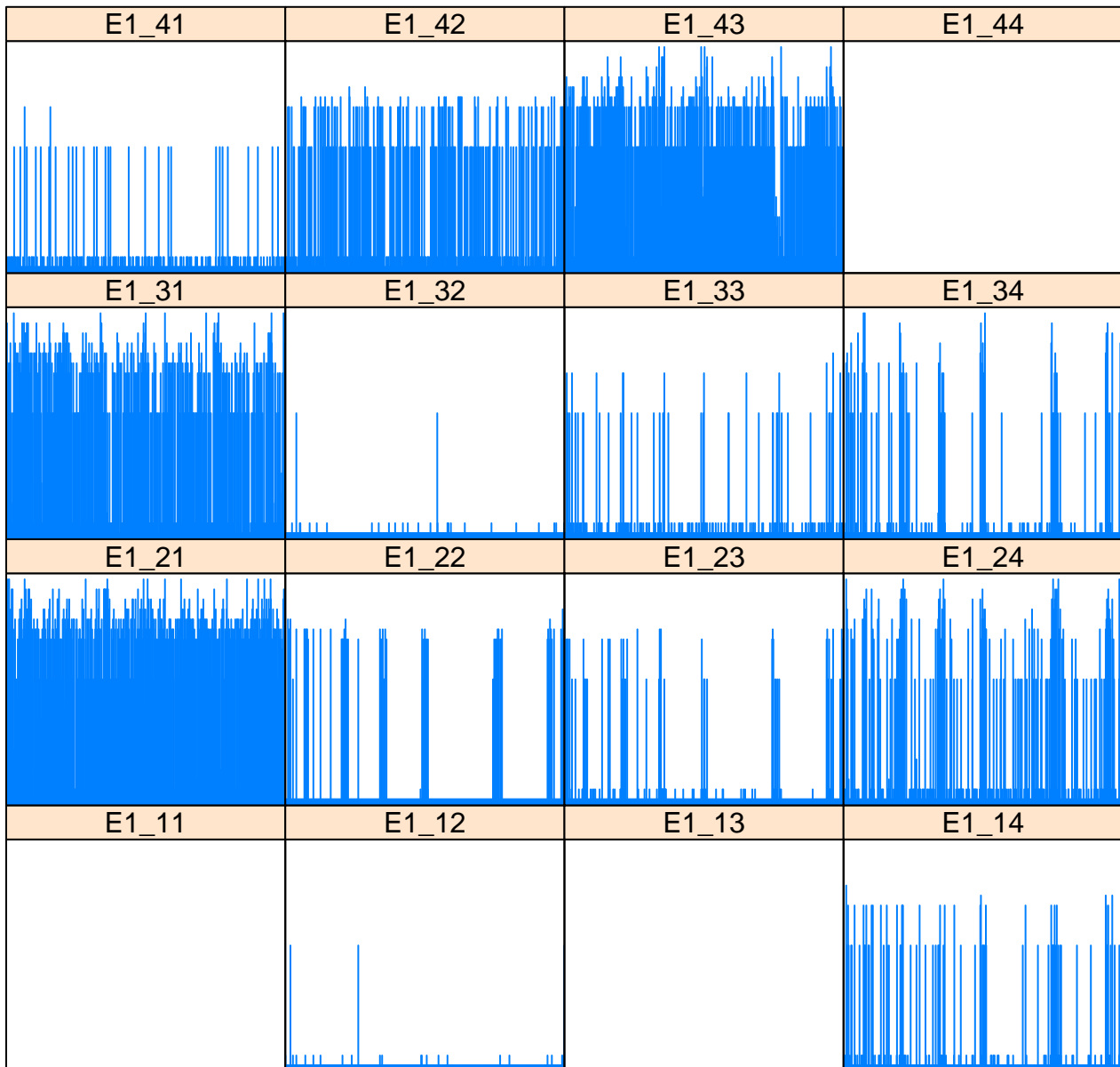
Mean Firing Rate per Second for Well D2. Maximum firing rate:9 Hz

Mean Firing Rate per Second for Well D3. Maximum firing rate:96 Hz

Mean Firing Rate per Second for Well D4. Maximum firing rate:9 Hz

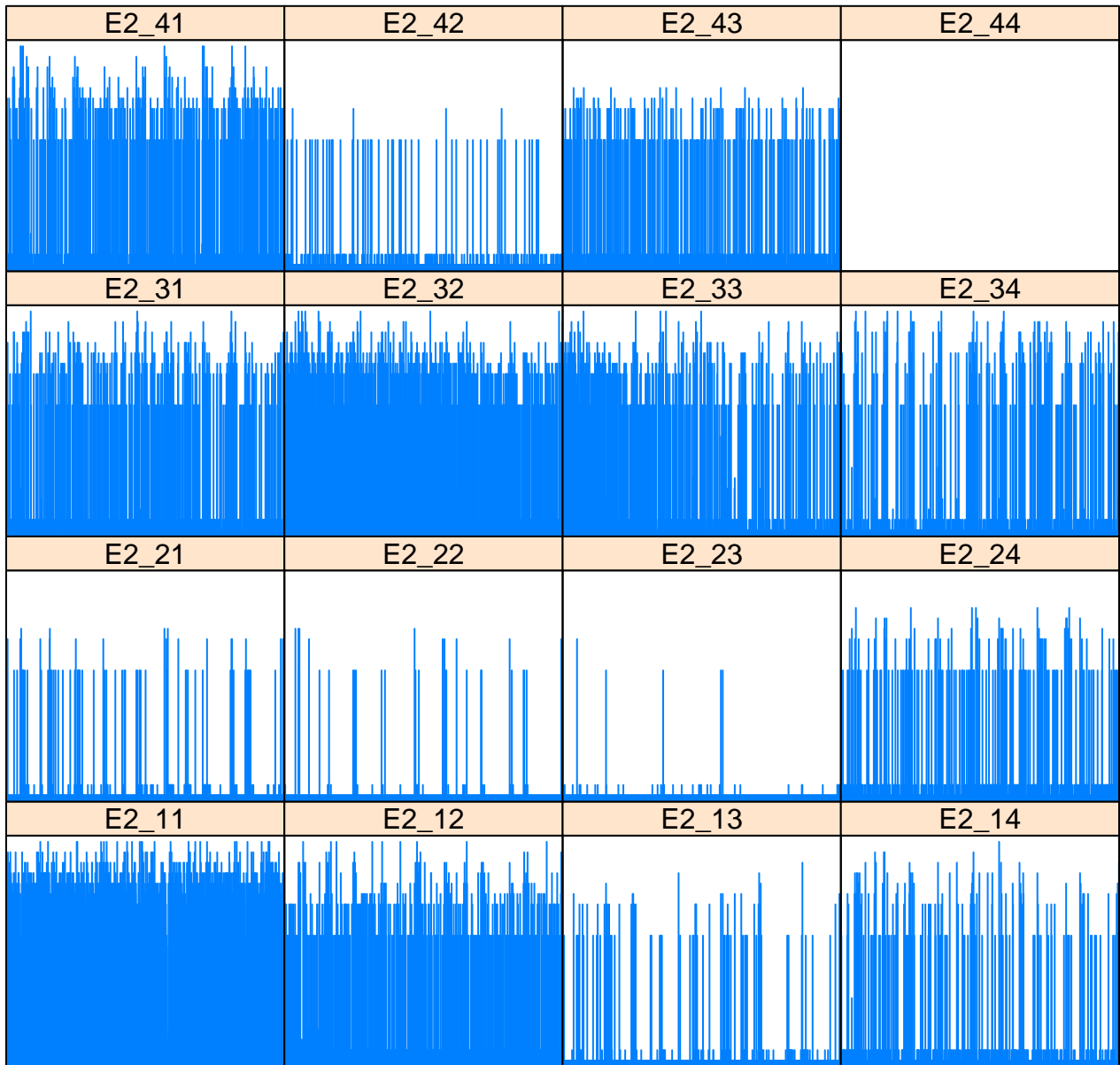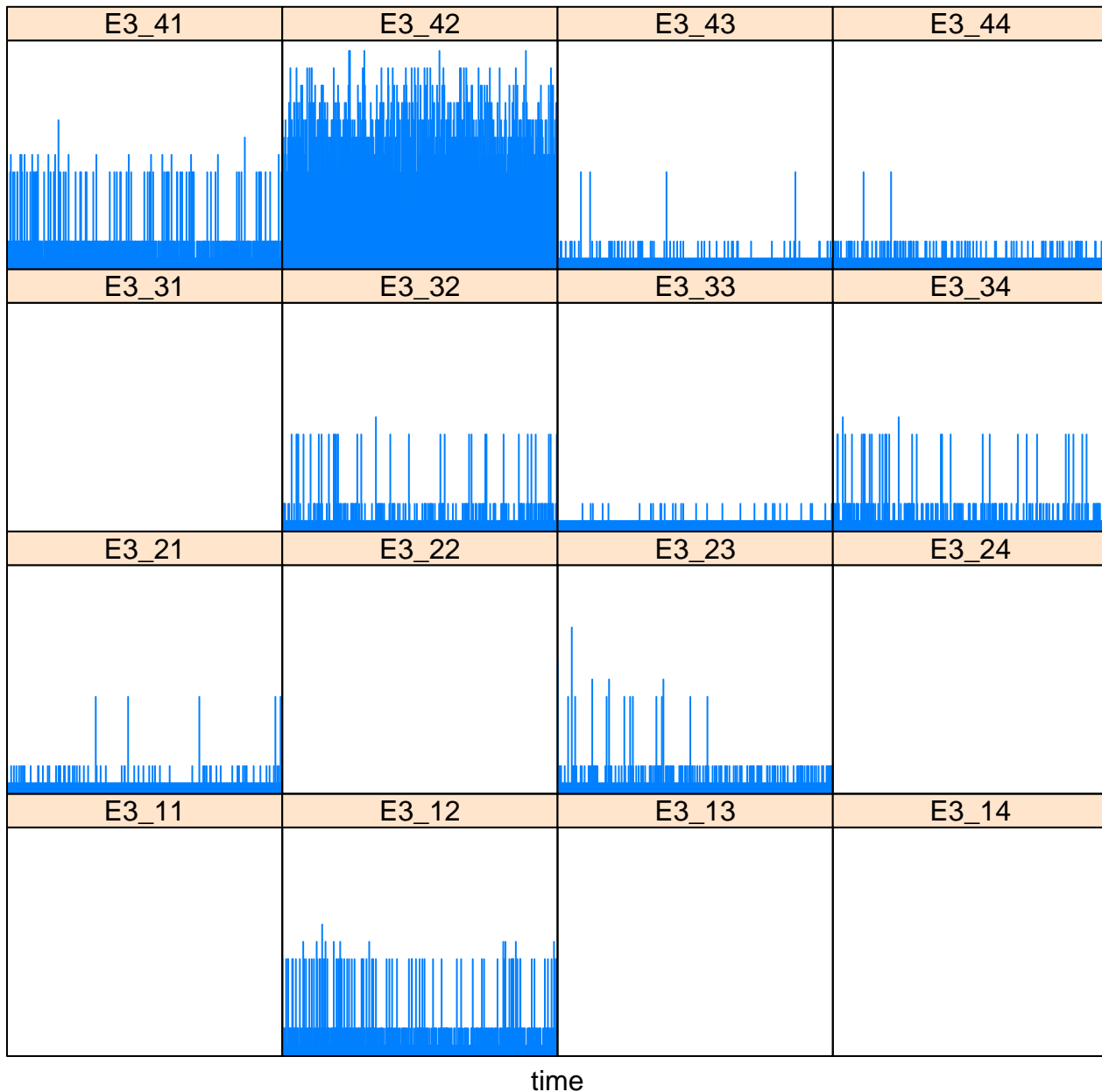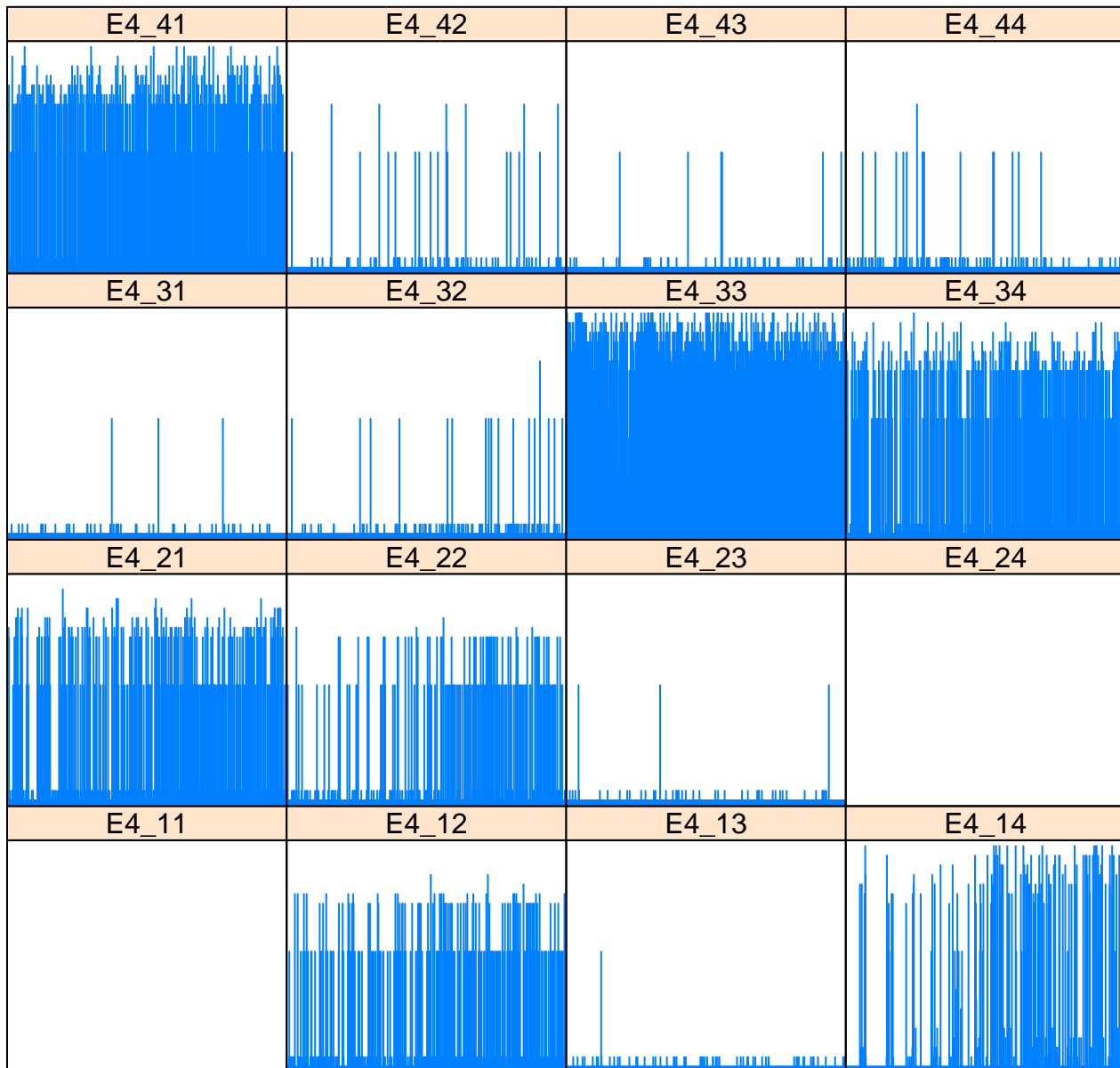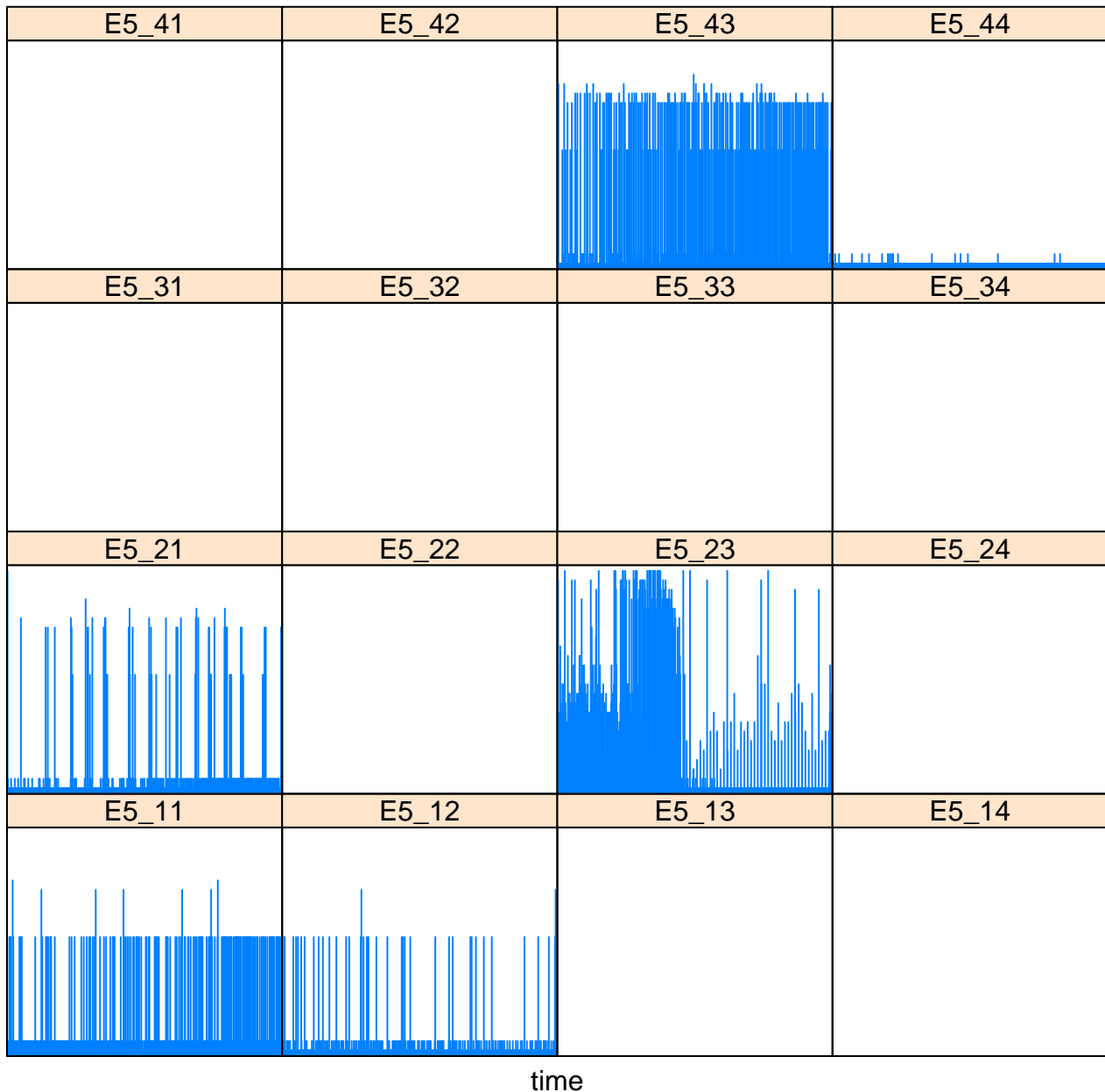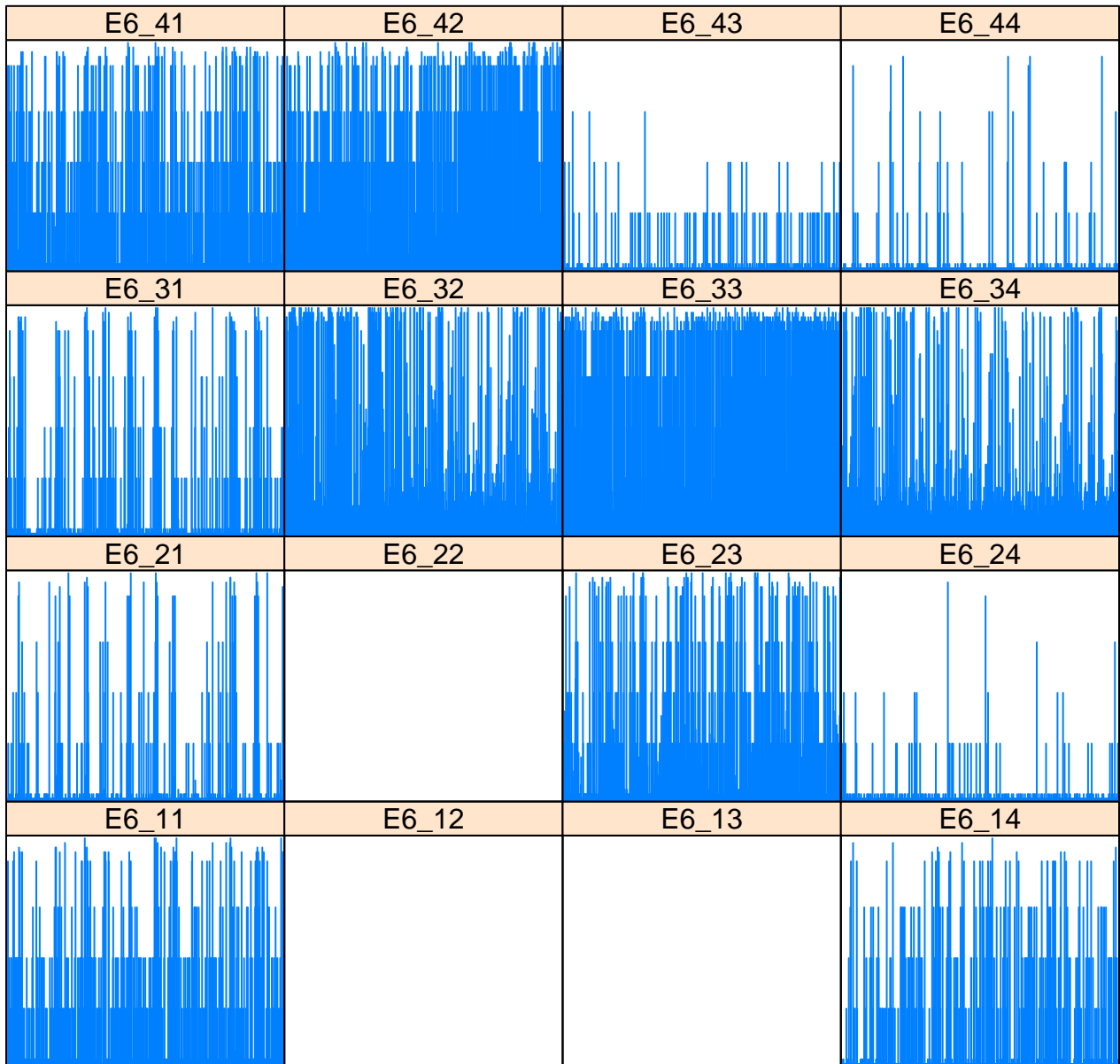Mean Firing Rate per Second for Well D5. Maximum firing rate:9 Hz

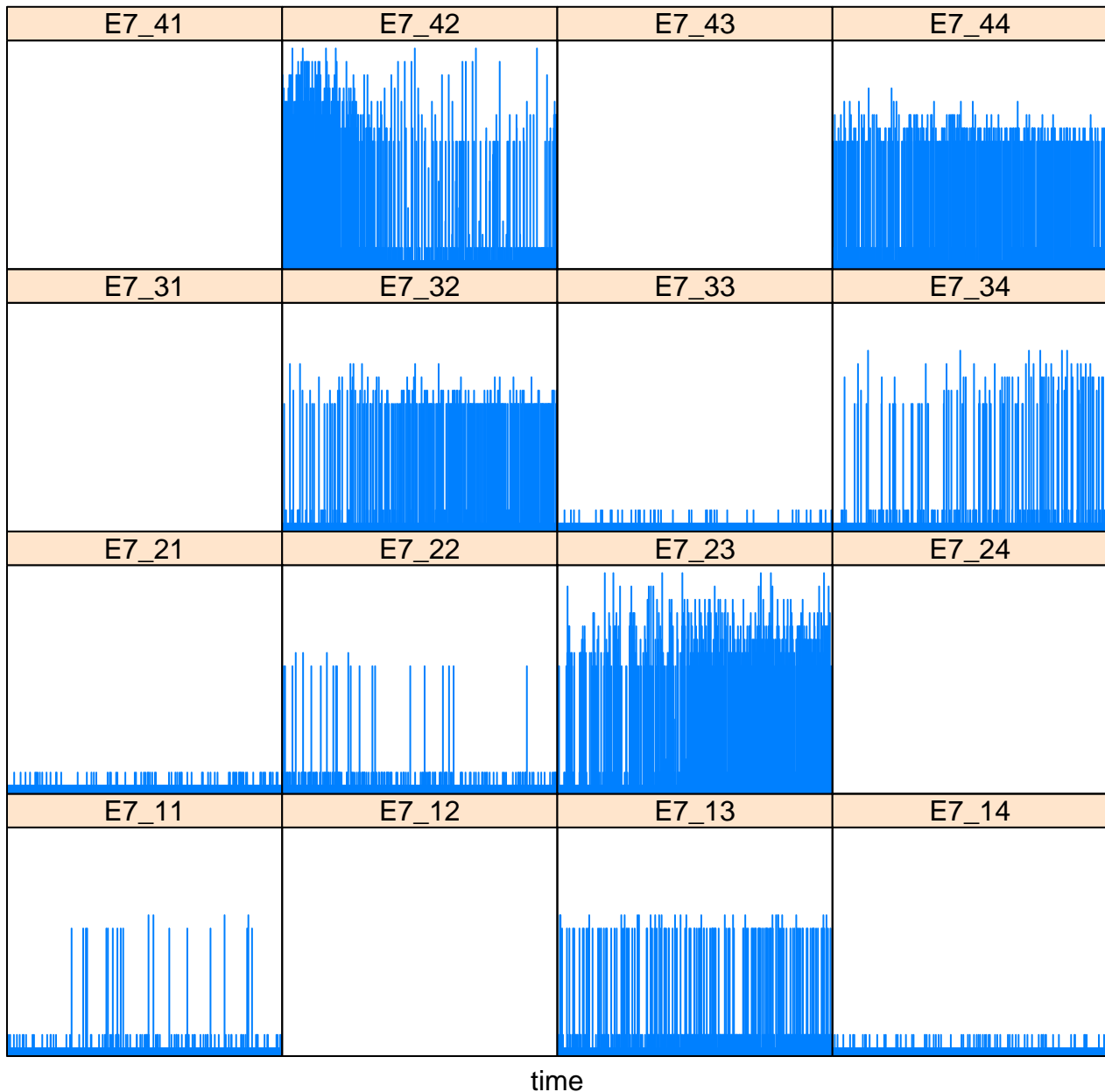**Mean Firing Rate per Second for Well D6. Maximum firing rate:94 Hz**
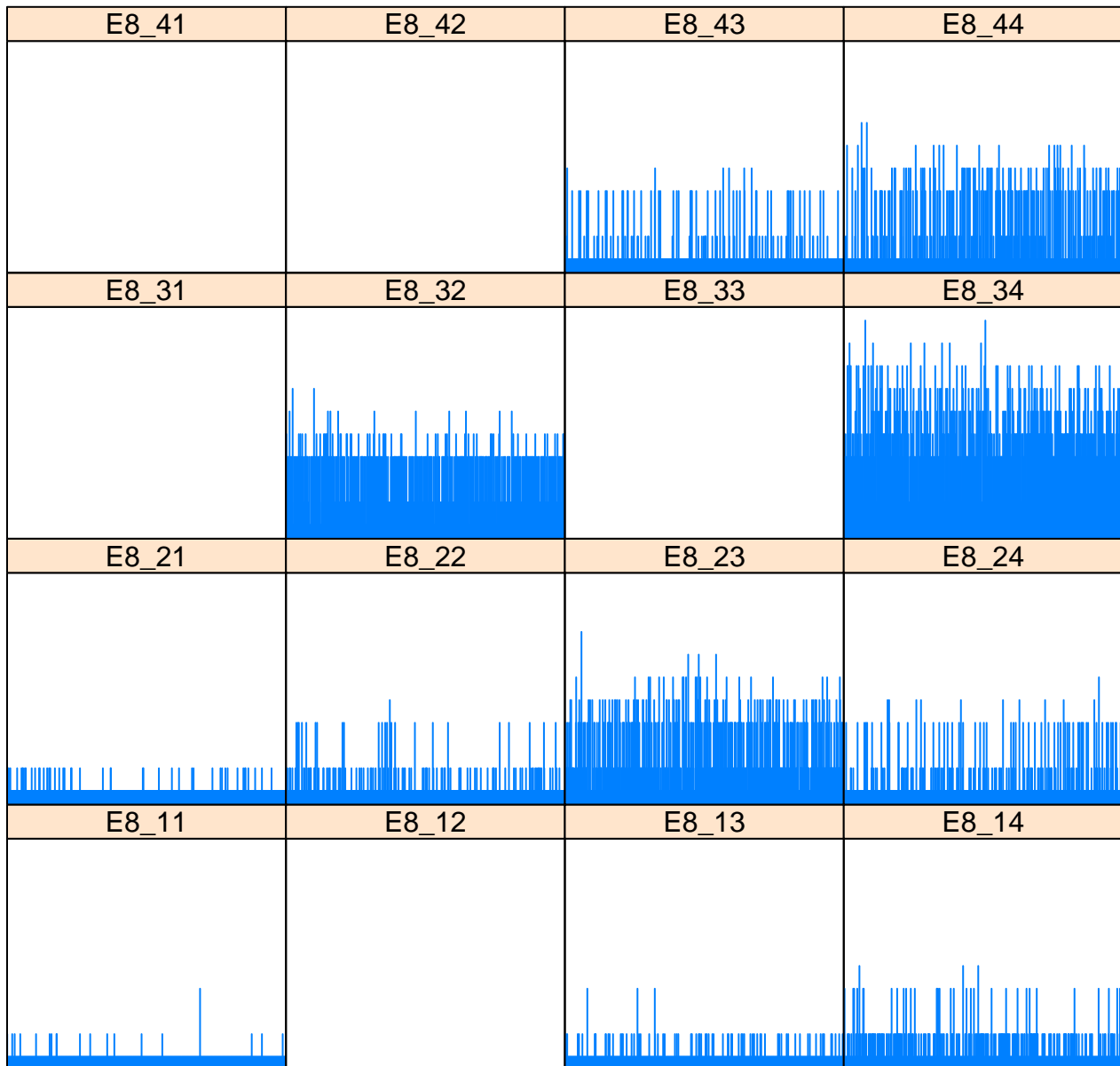
Mean Firing Rate per Second for Well D7. Maximum firing rate:9 Hz

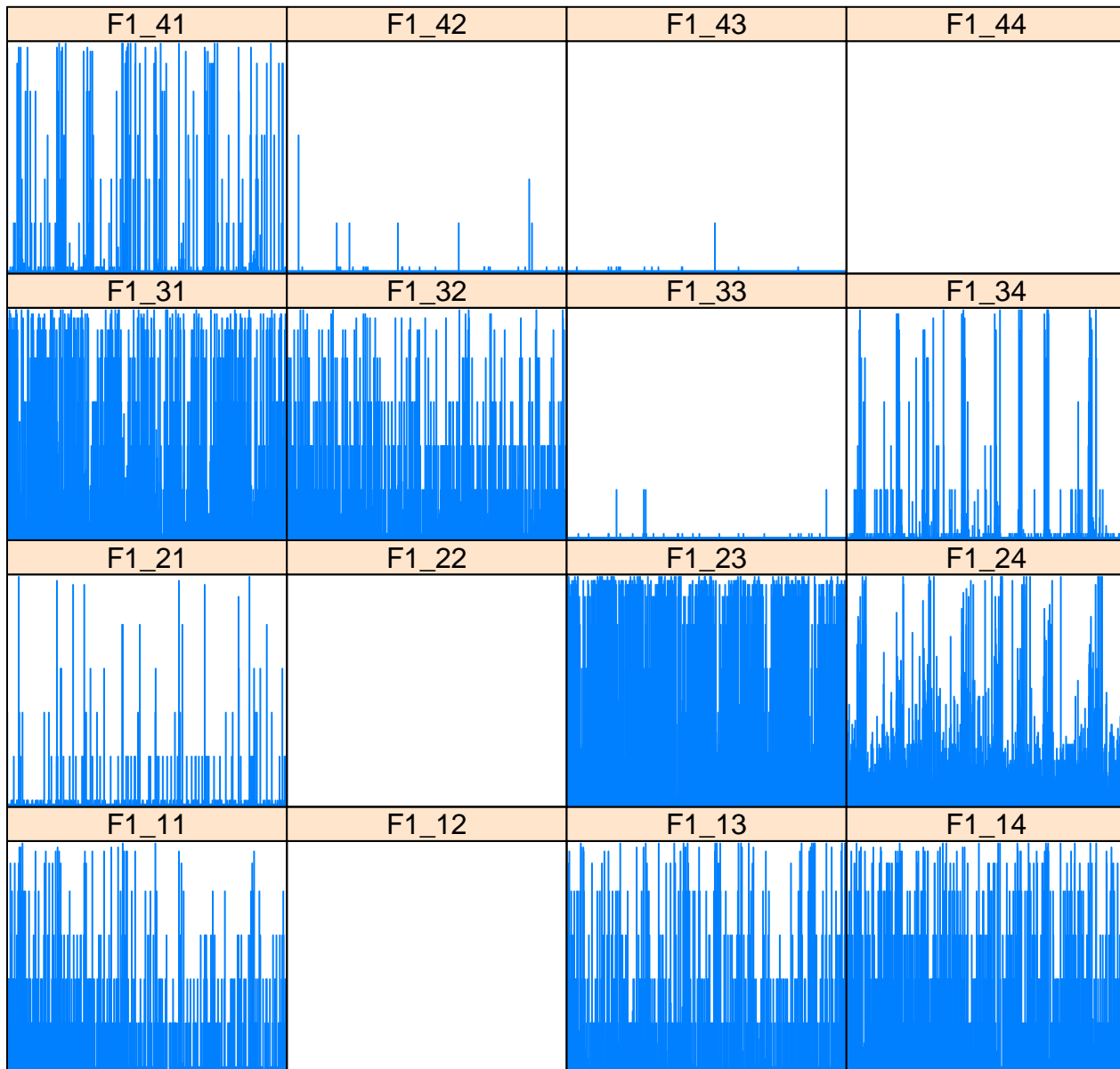**Mean Firing Rate per Second for Well D8. Maximum firing rate:9 Hz**

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

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

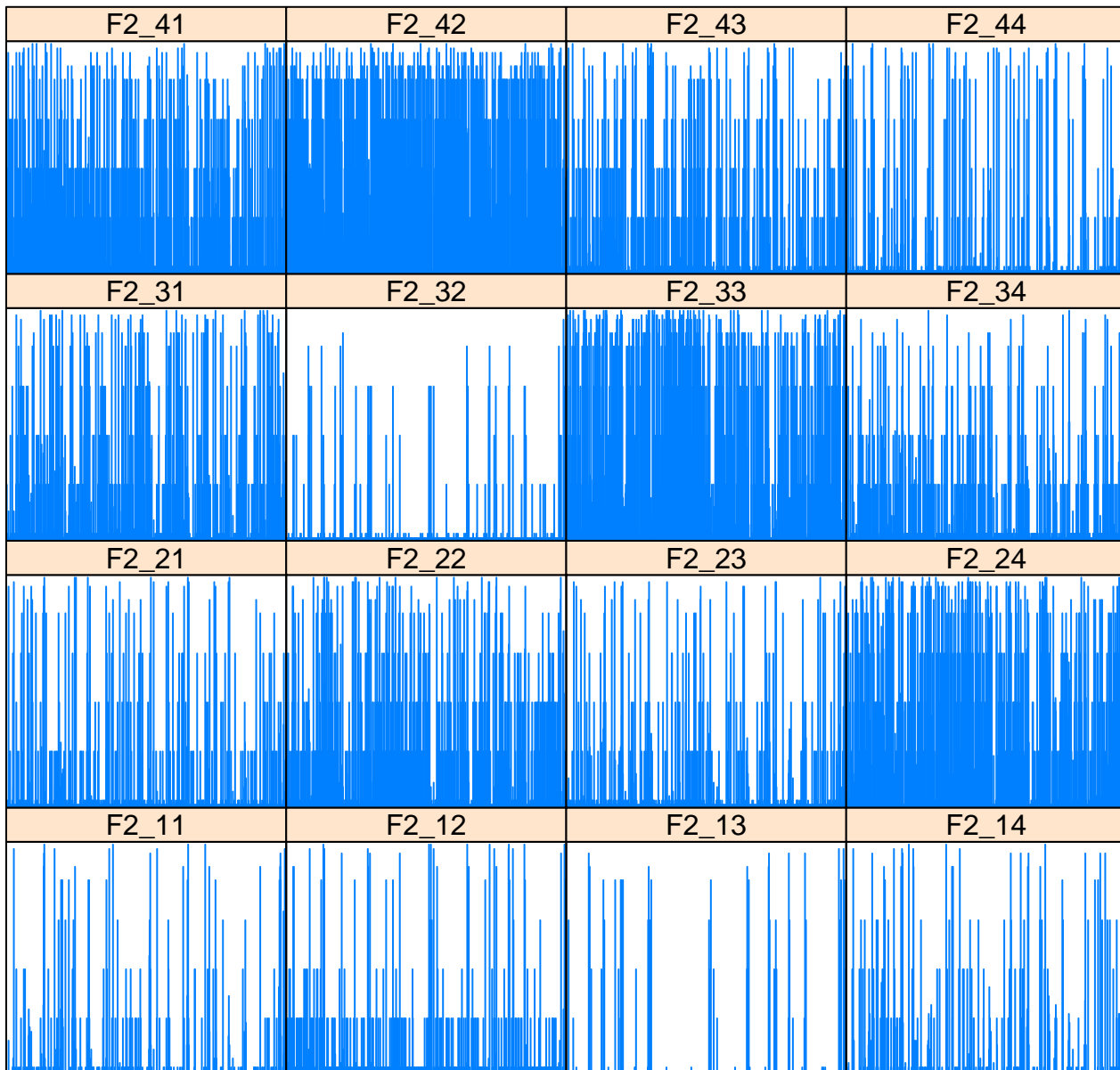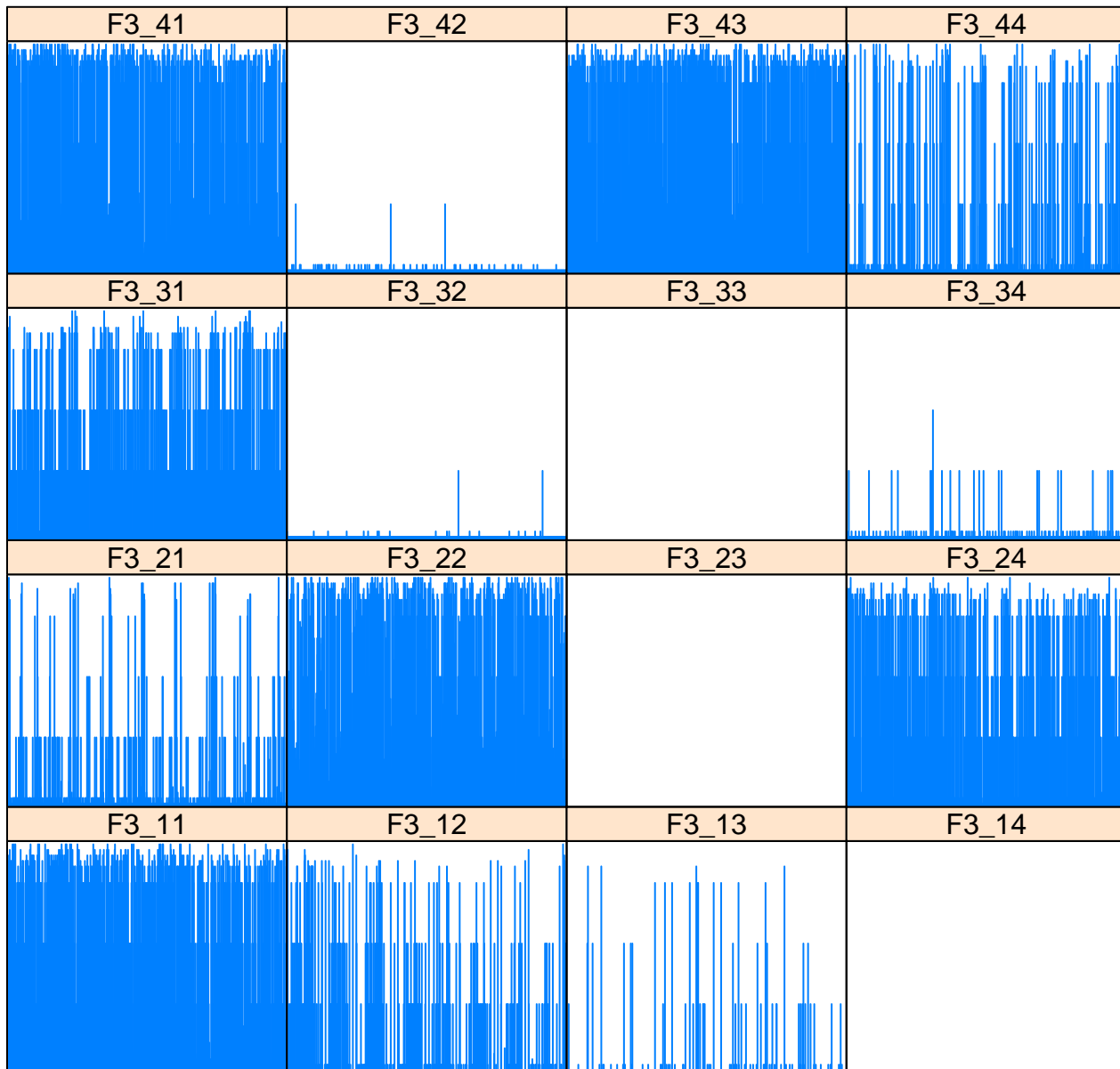Mean Firing Rate per Second for Well E3. Maximum firing rate:9 Hz

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

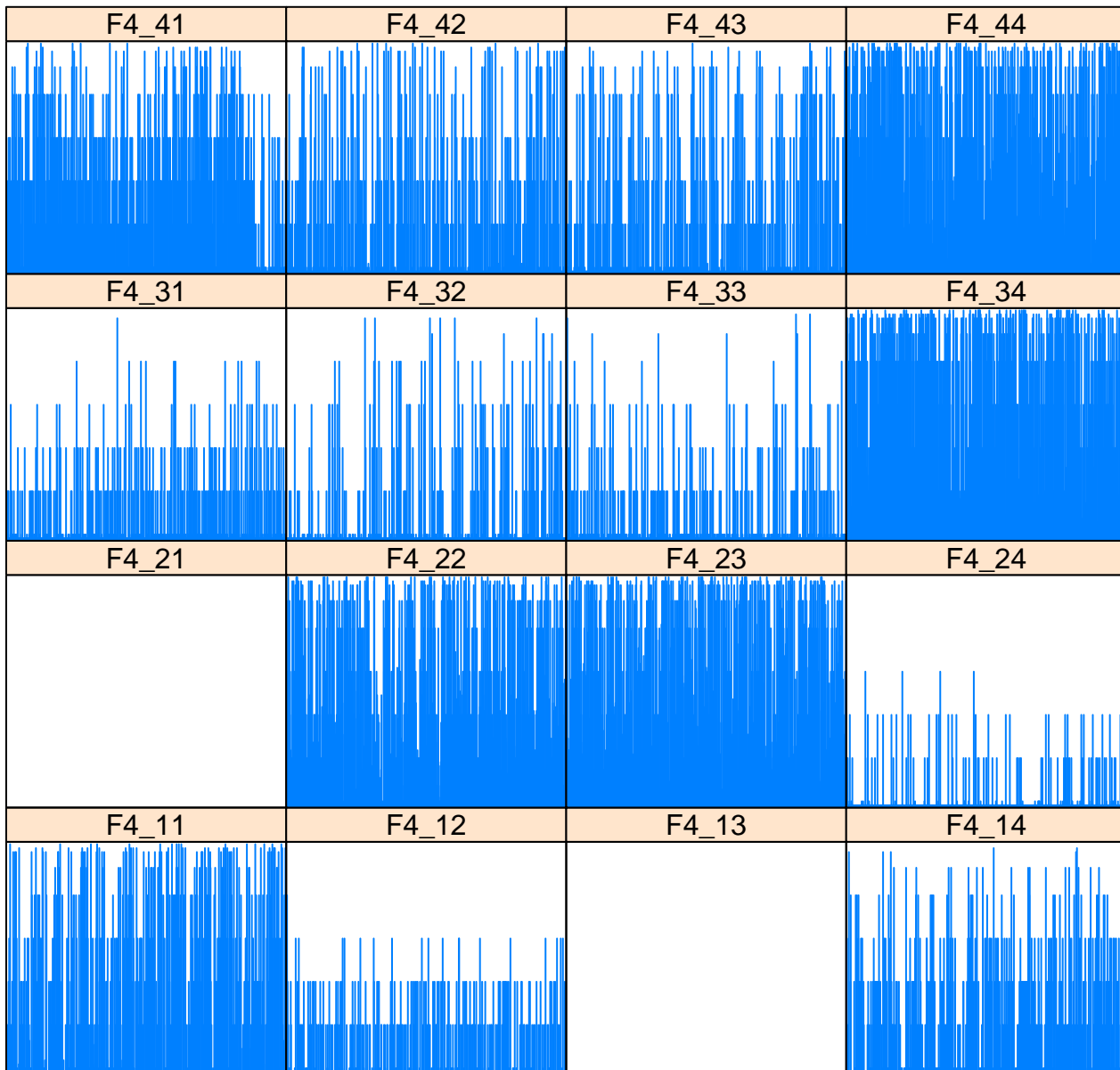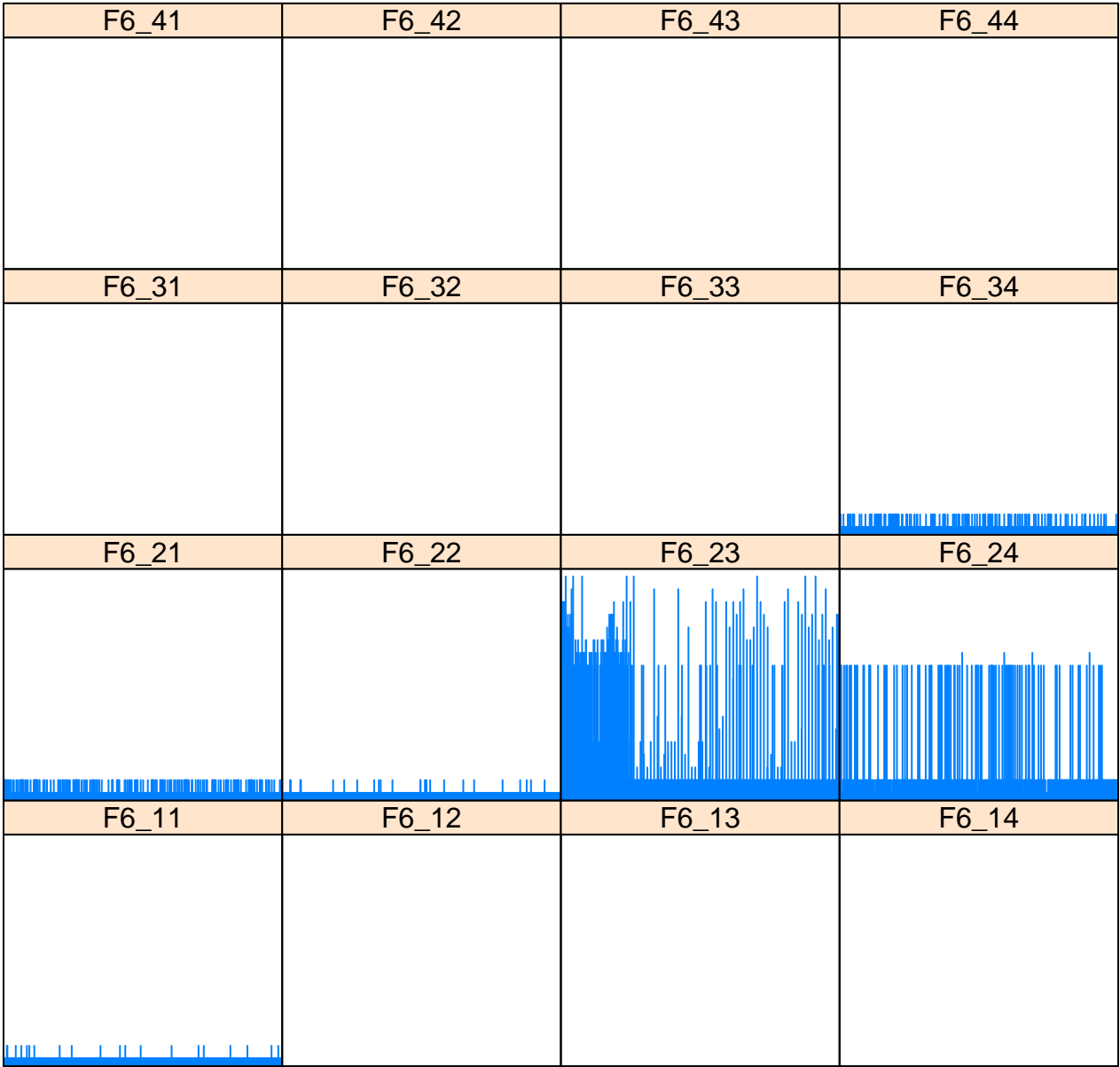**Mean Firing Rate per Second for Well E5. Maximum firing rate:9 Hz**

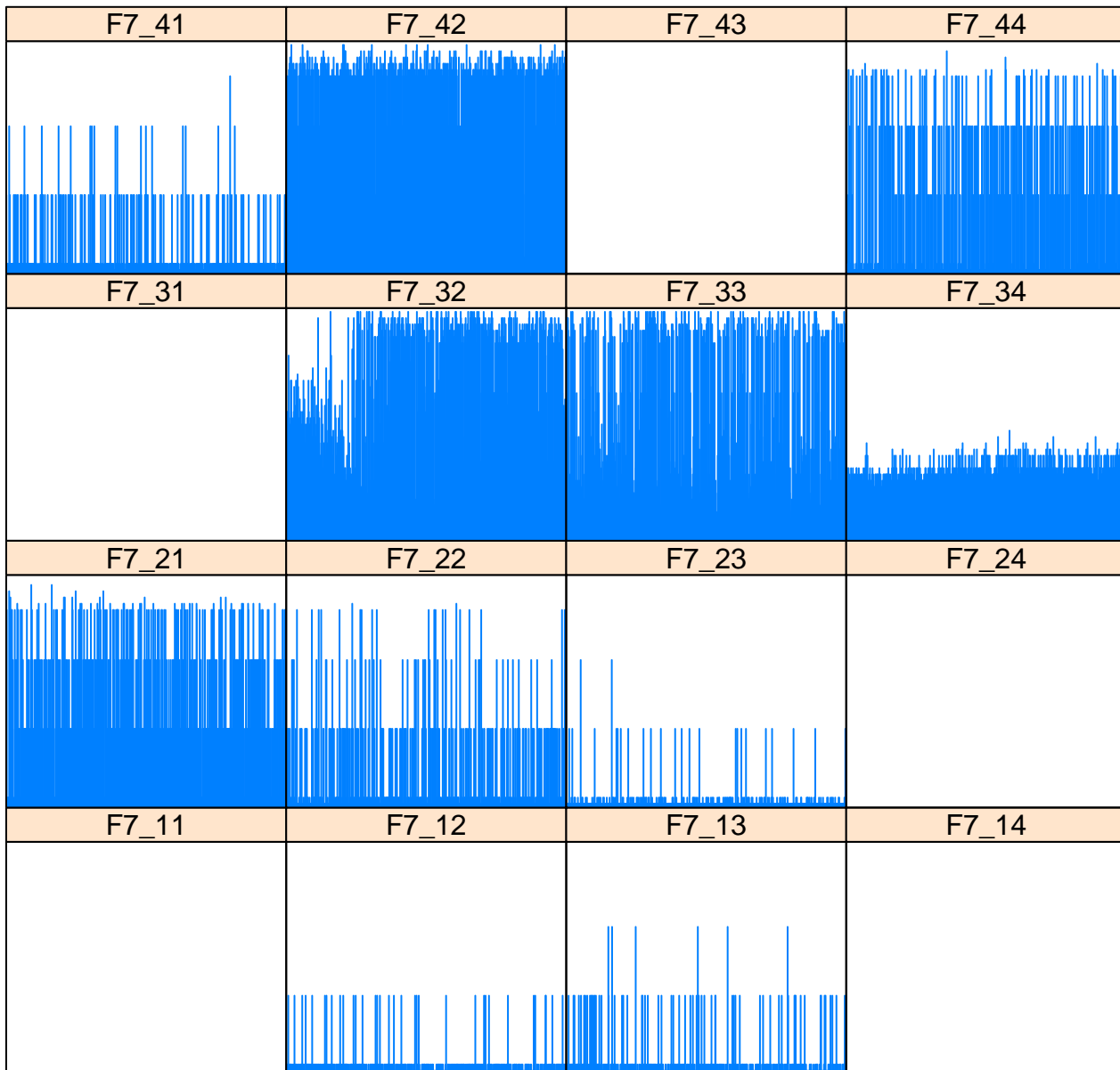**Mean Firing Rate per Second for Well E6. Maximum firing rate:9 Hz**

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

Mean Firing Rate per Second for Well E8. Maximum firing rate:8 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:9 Hz

Mean Firing Rate per Second for Well F4. 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**
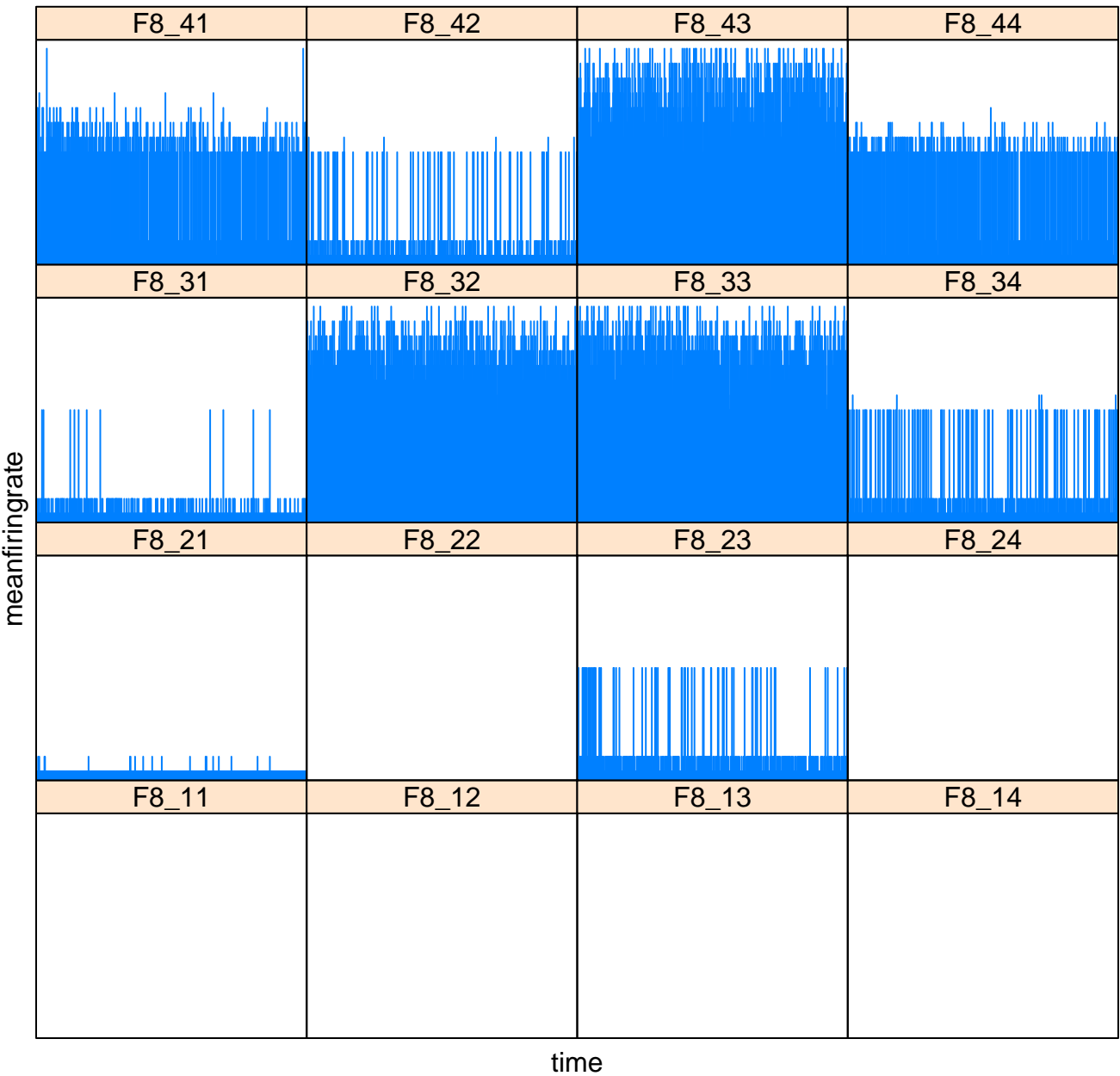
ISIs histogram plot for A1
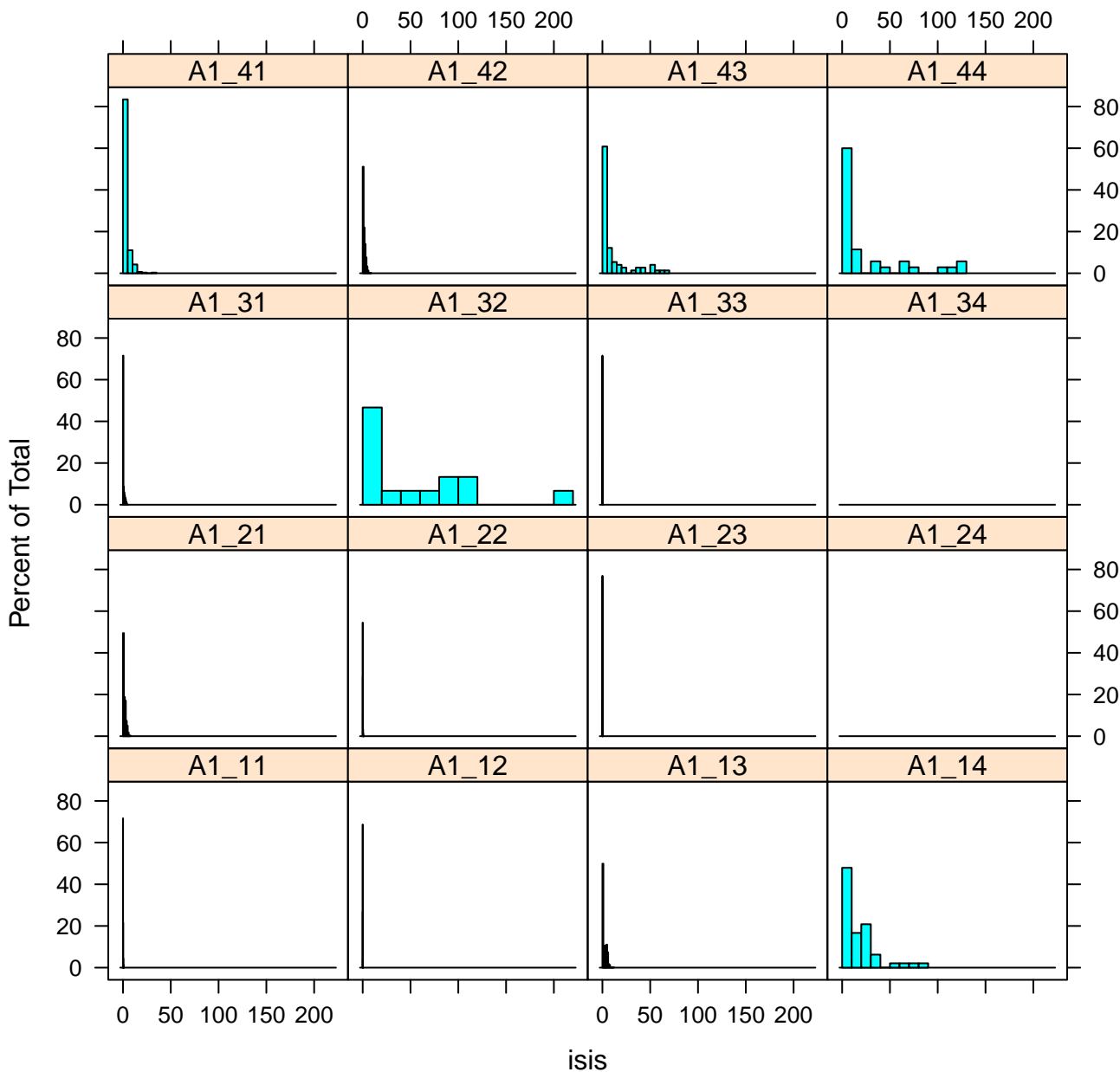
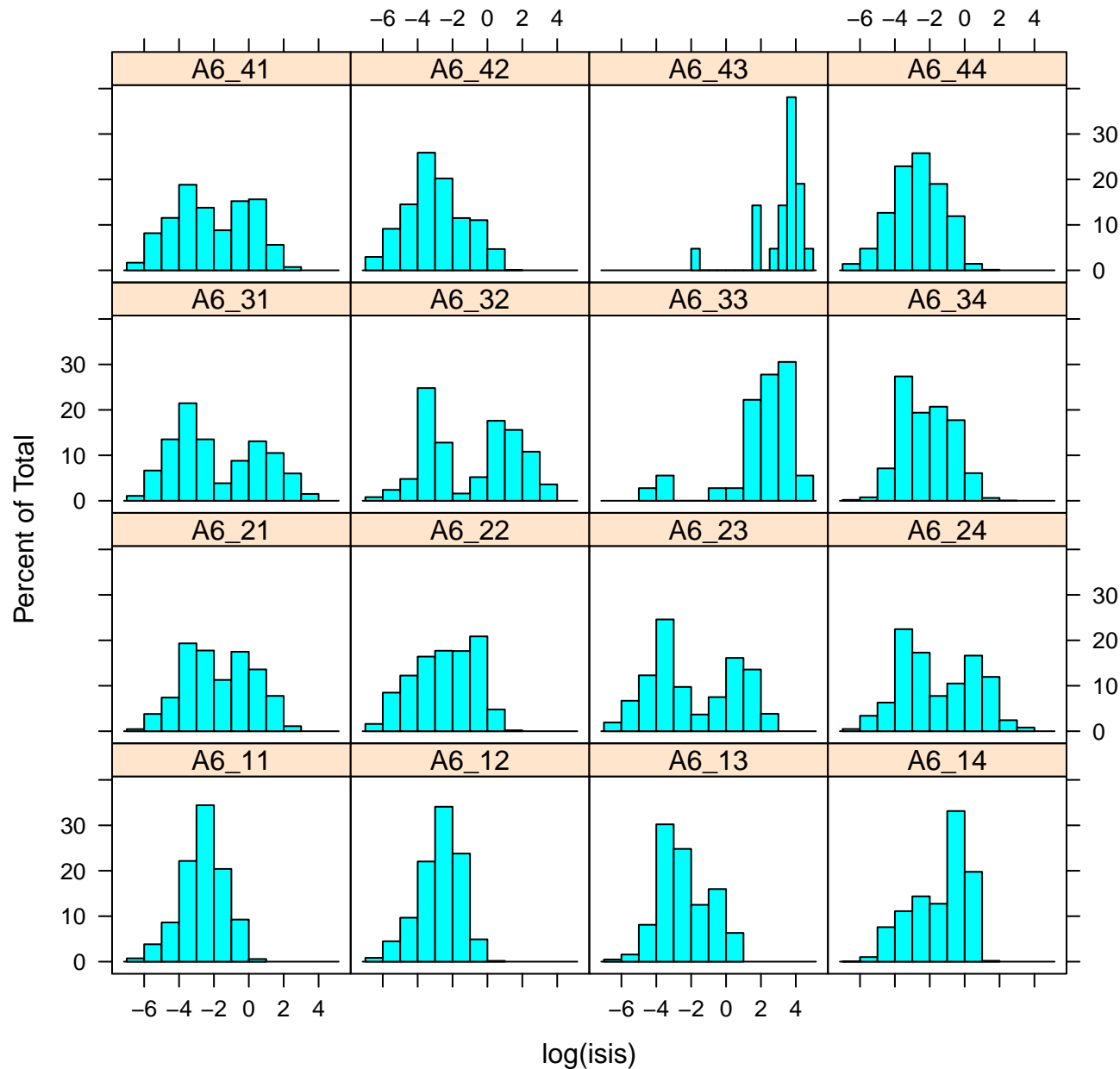**log(ISIs) histogram plot for A1**
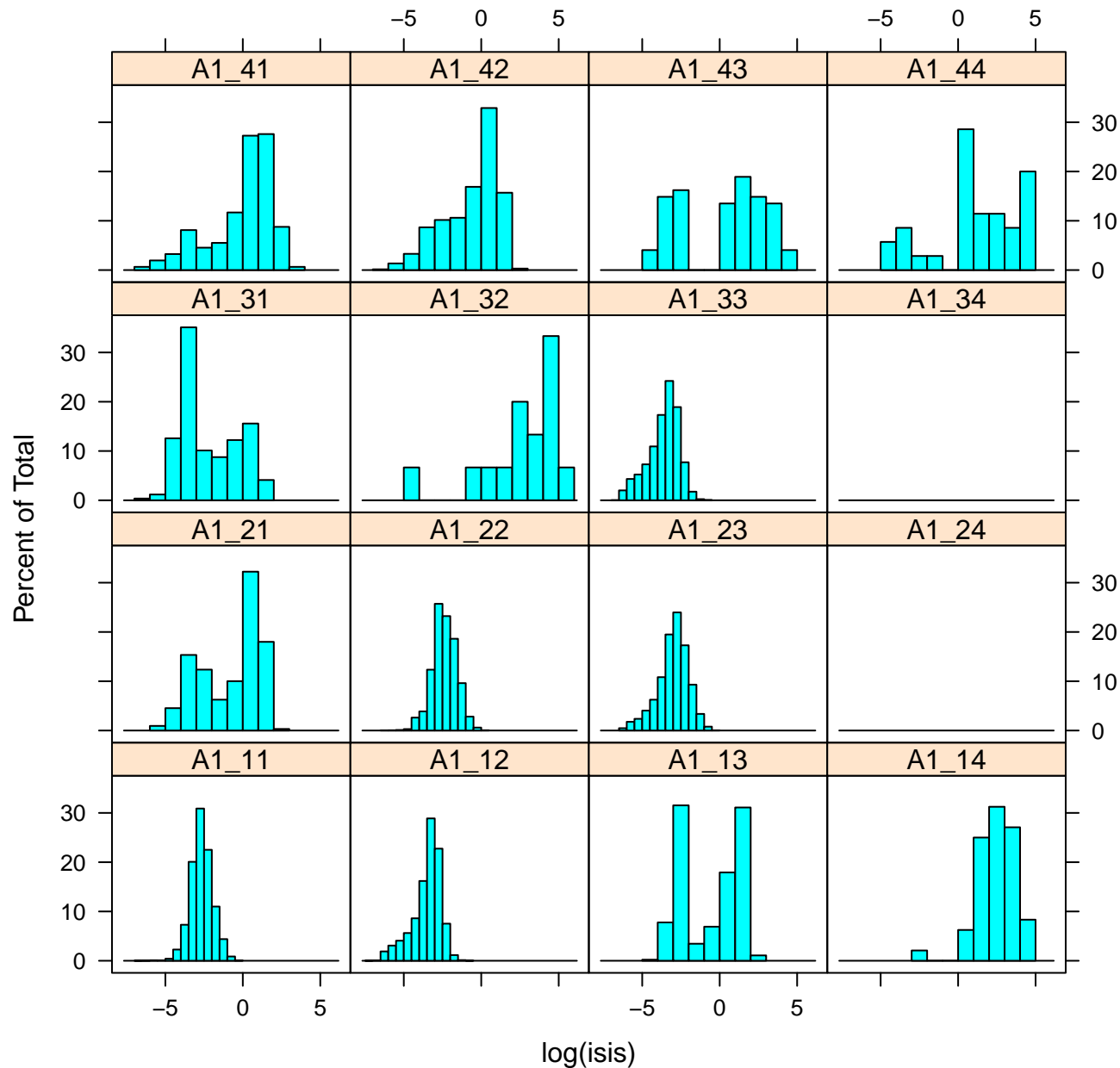
ISIs histogram plot for A2
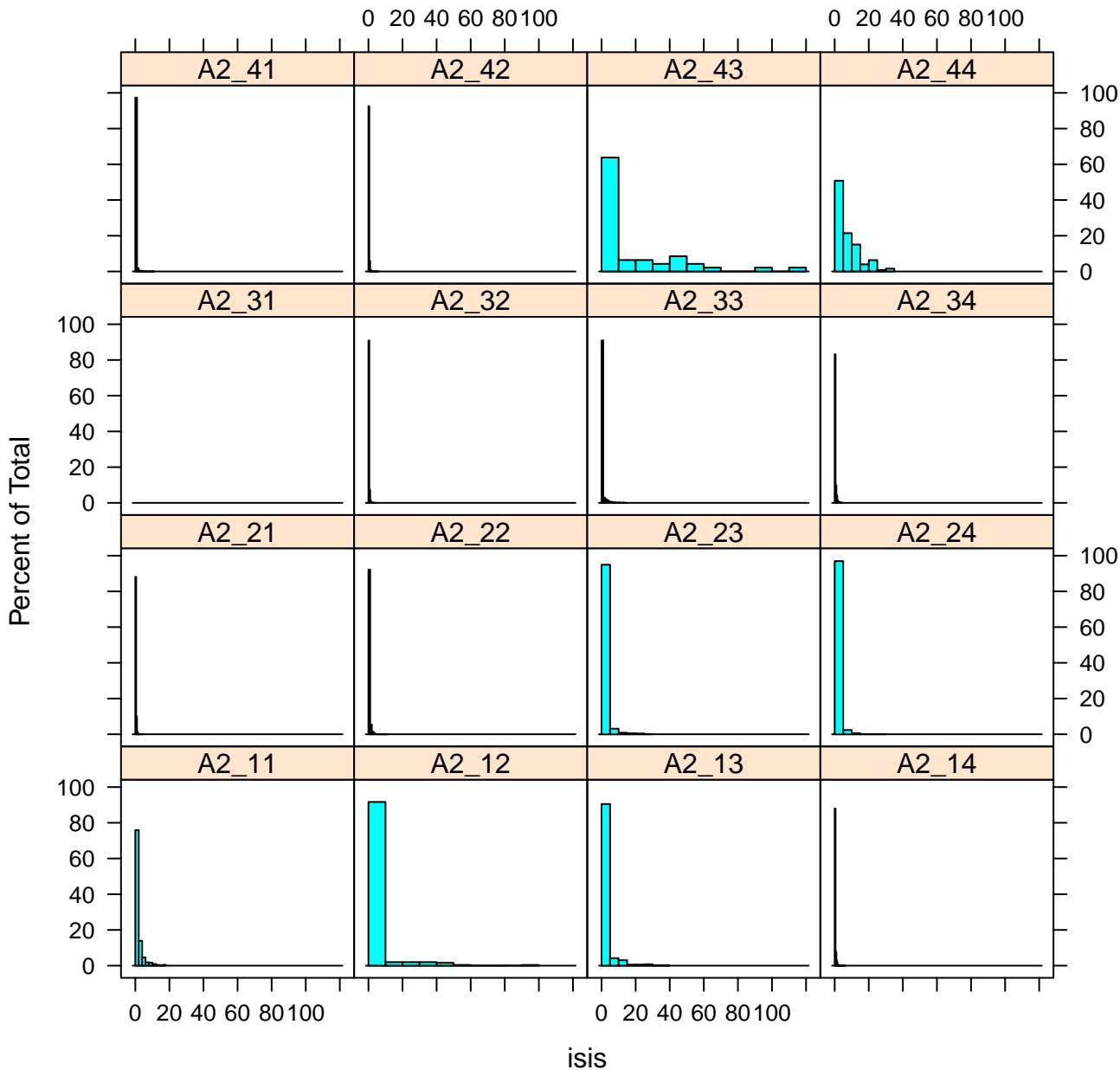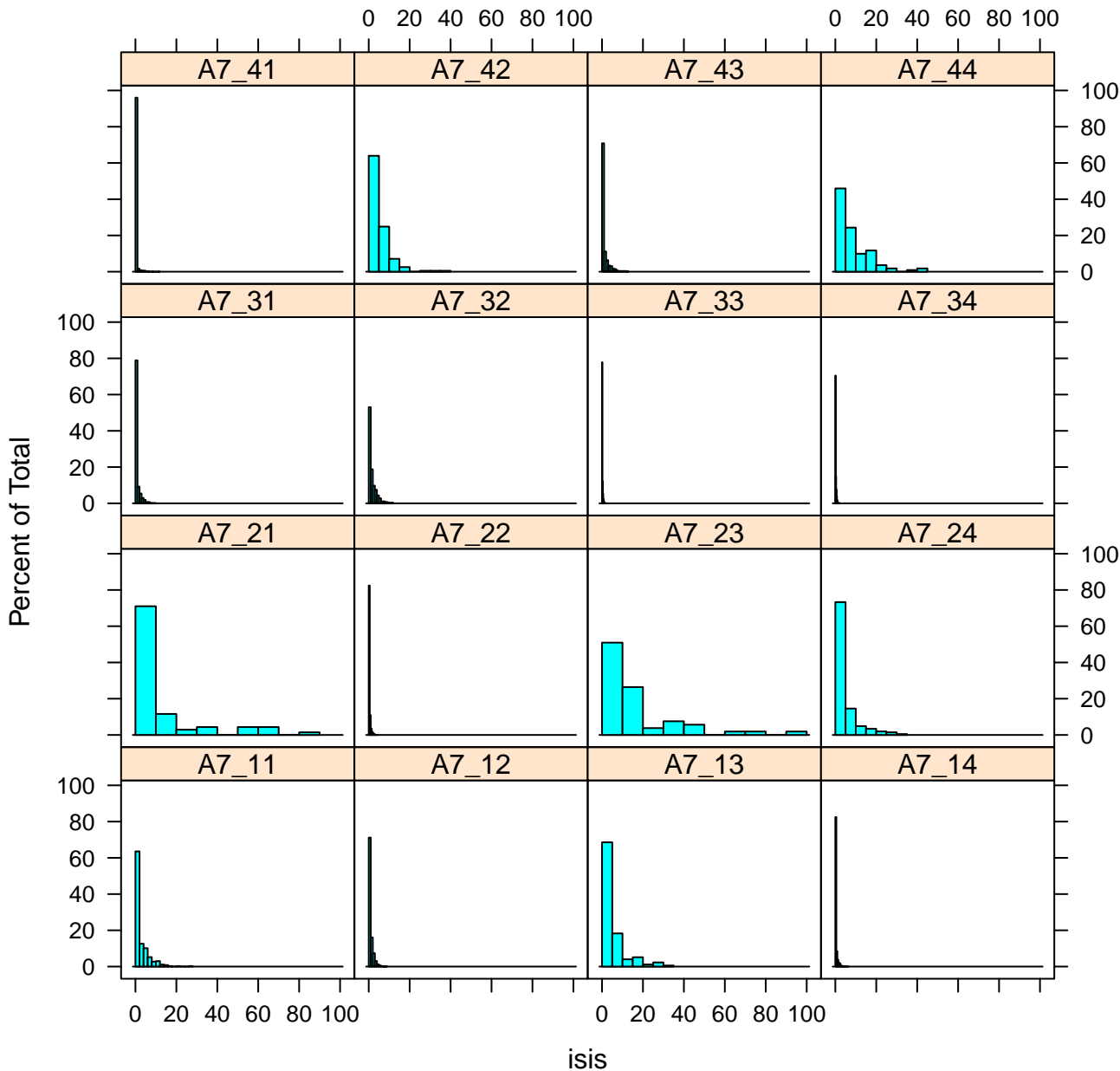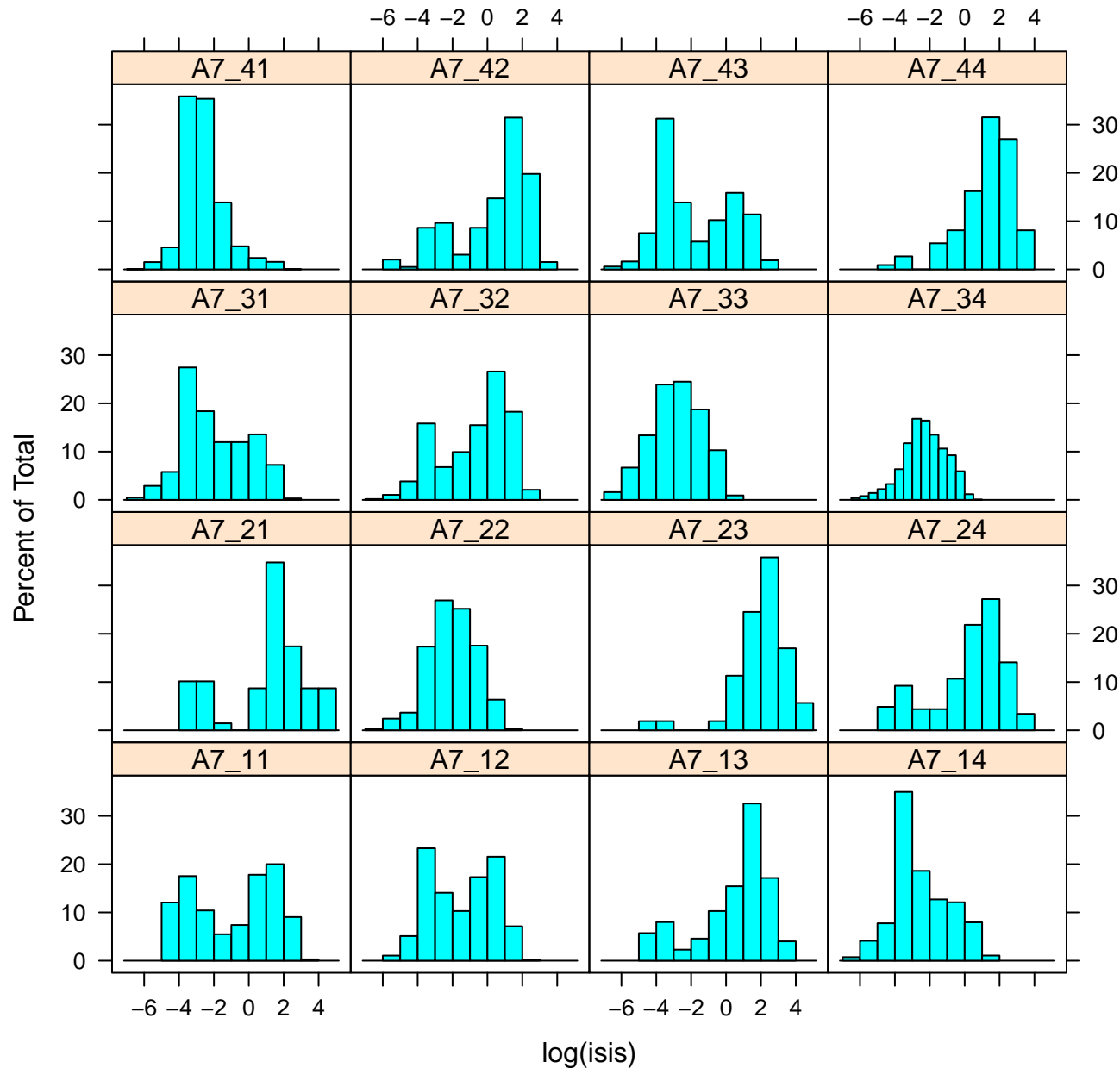
log(ISIs) histogram plot for A2
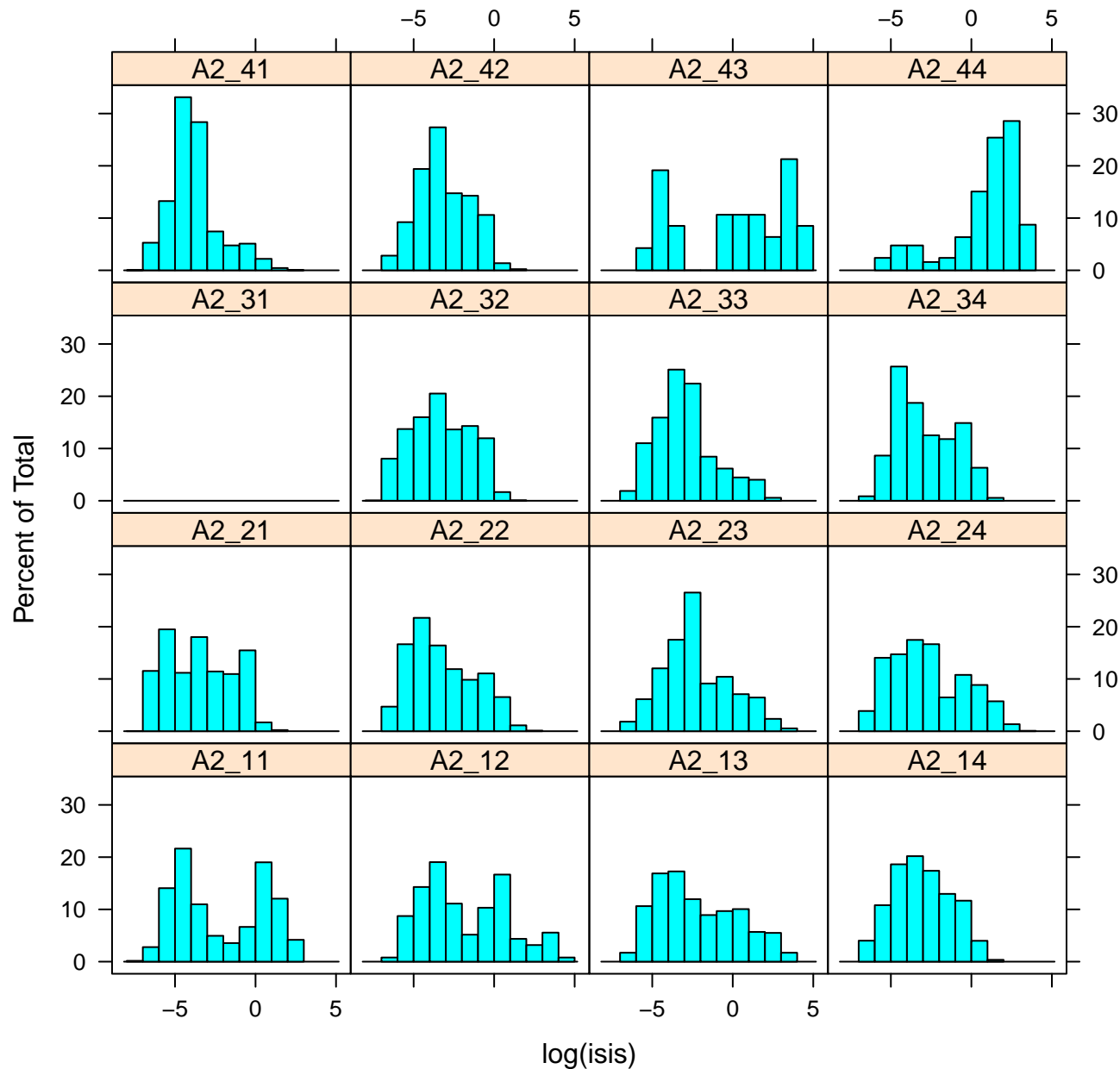
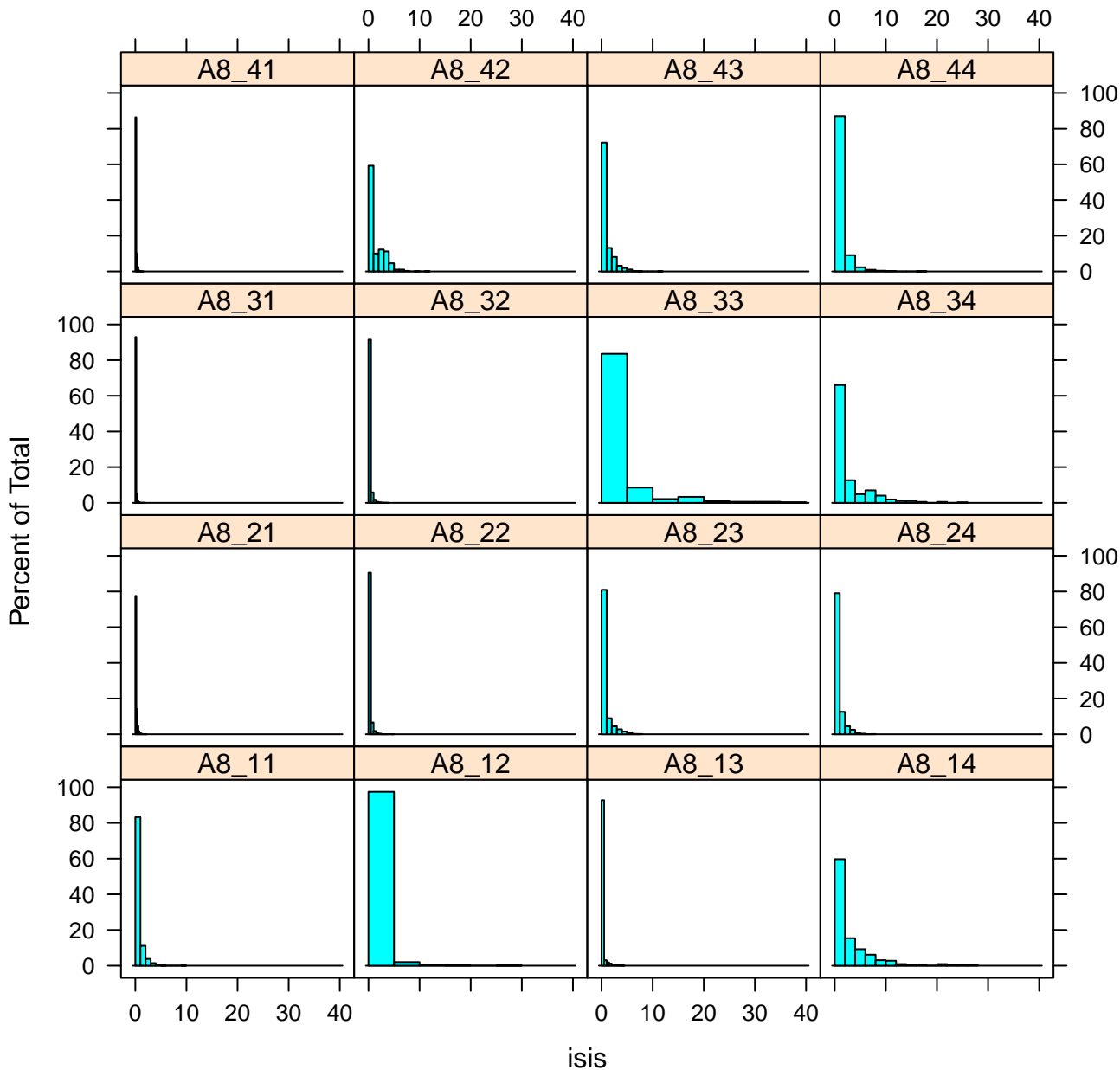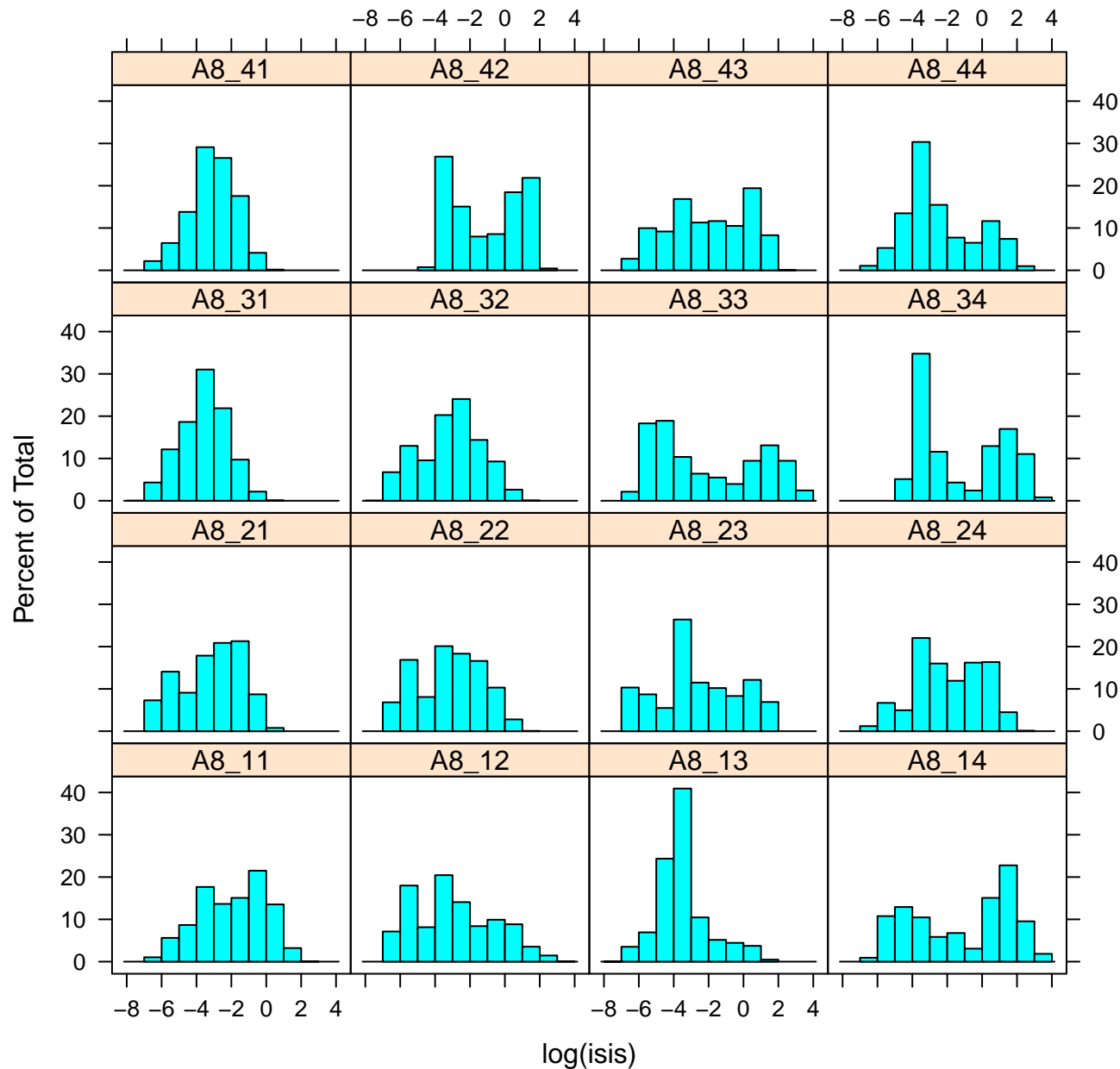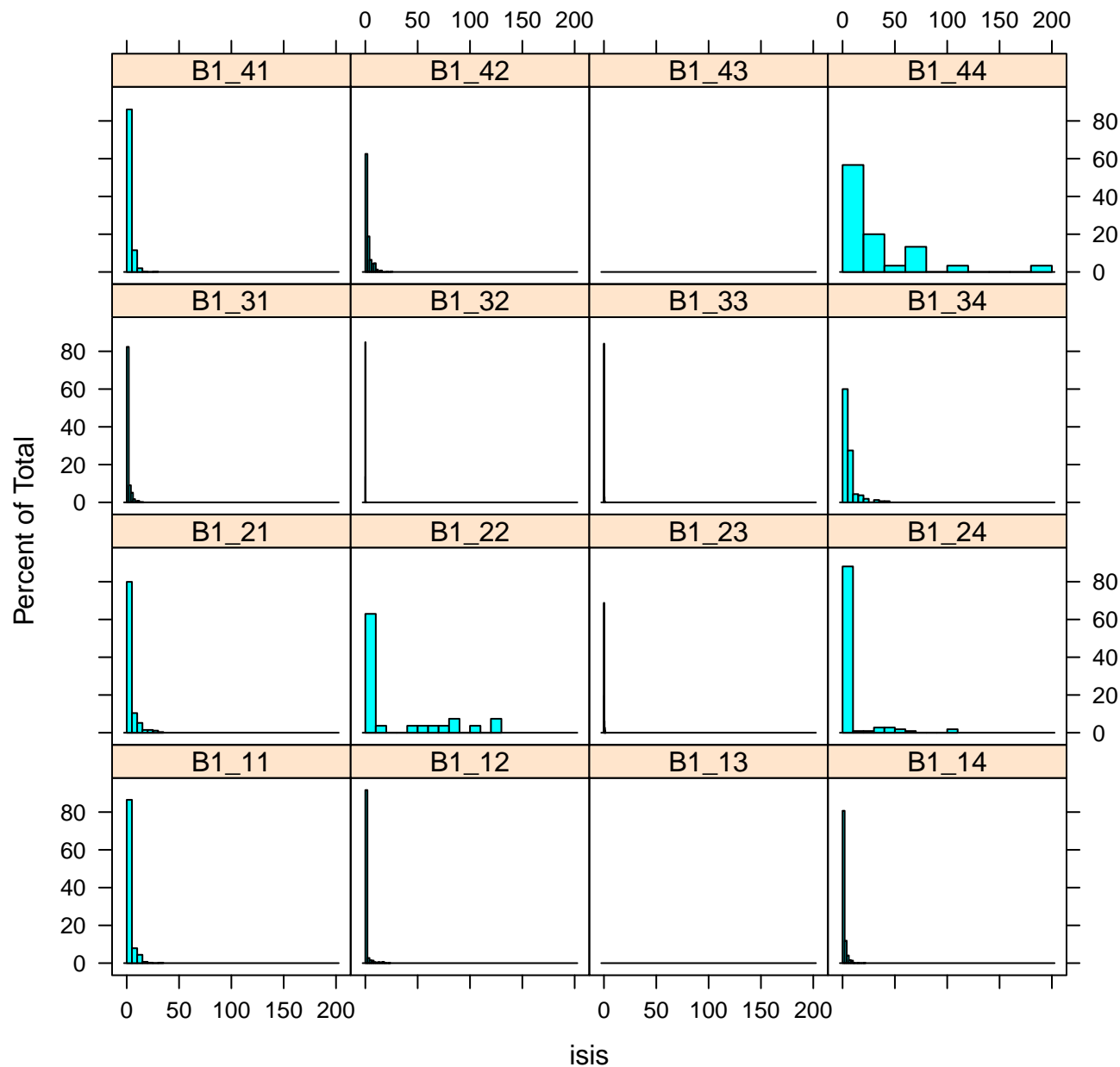ISIs histogram plot for A3
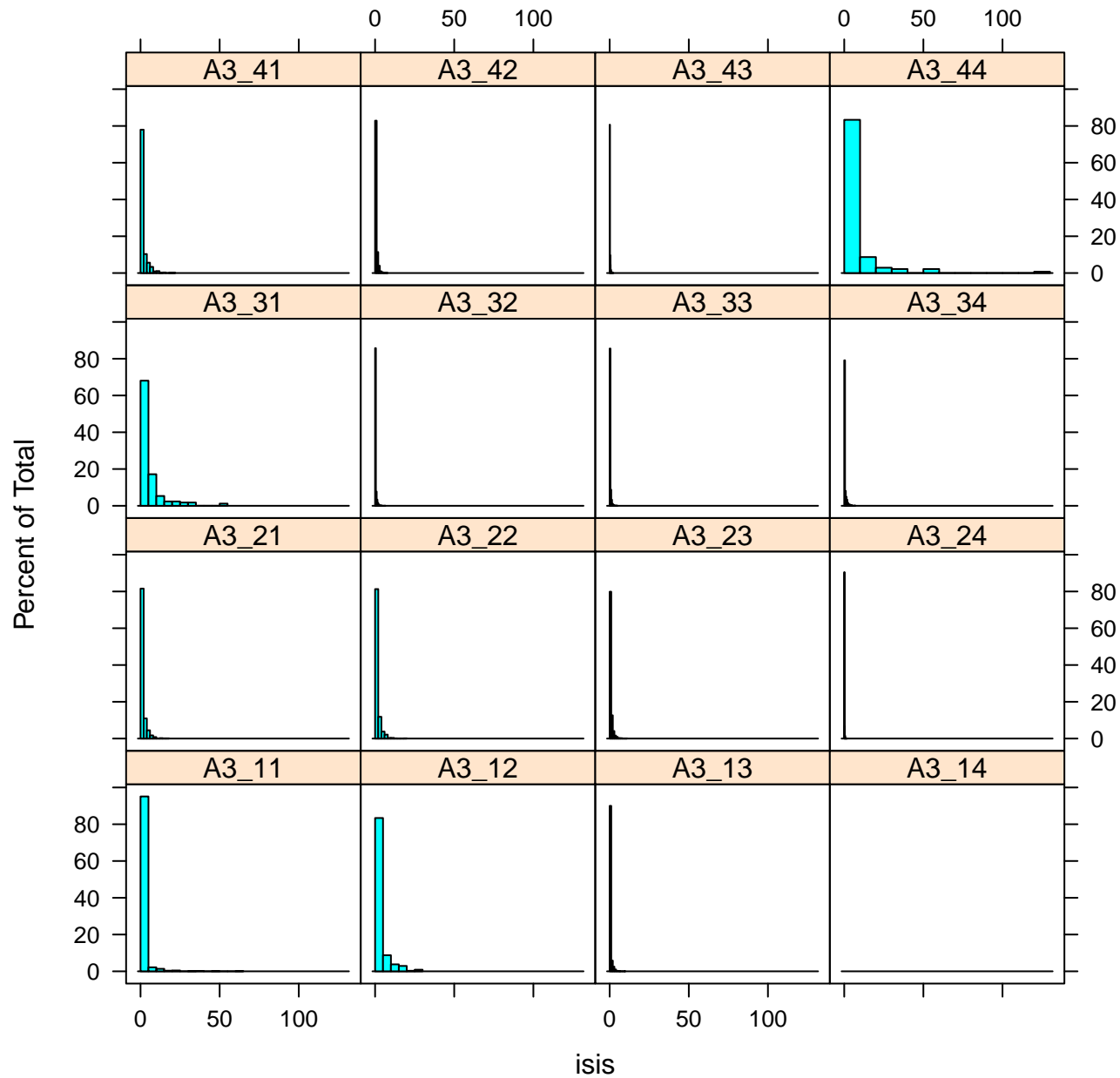
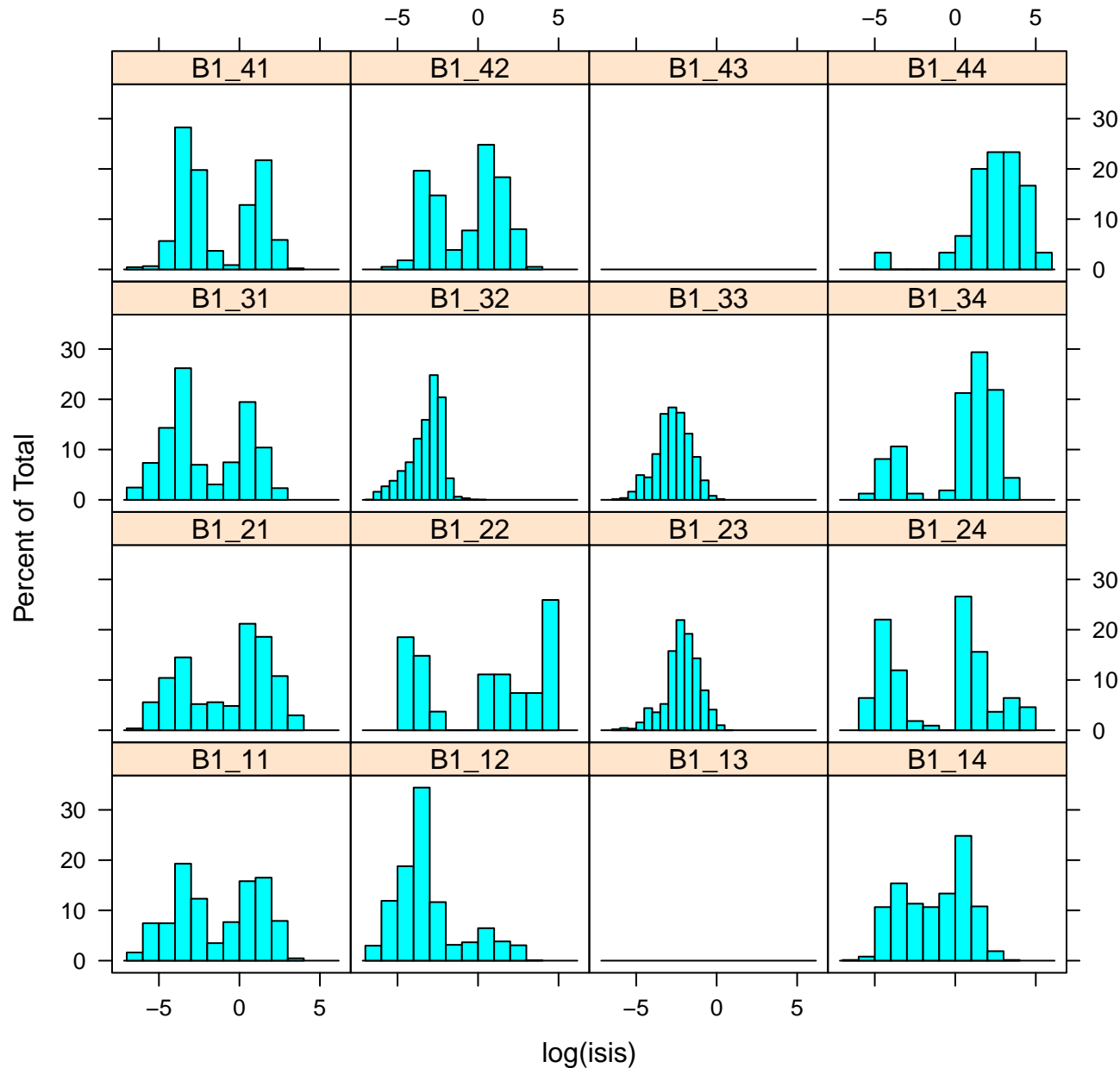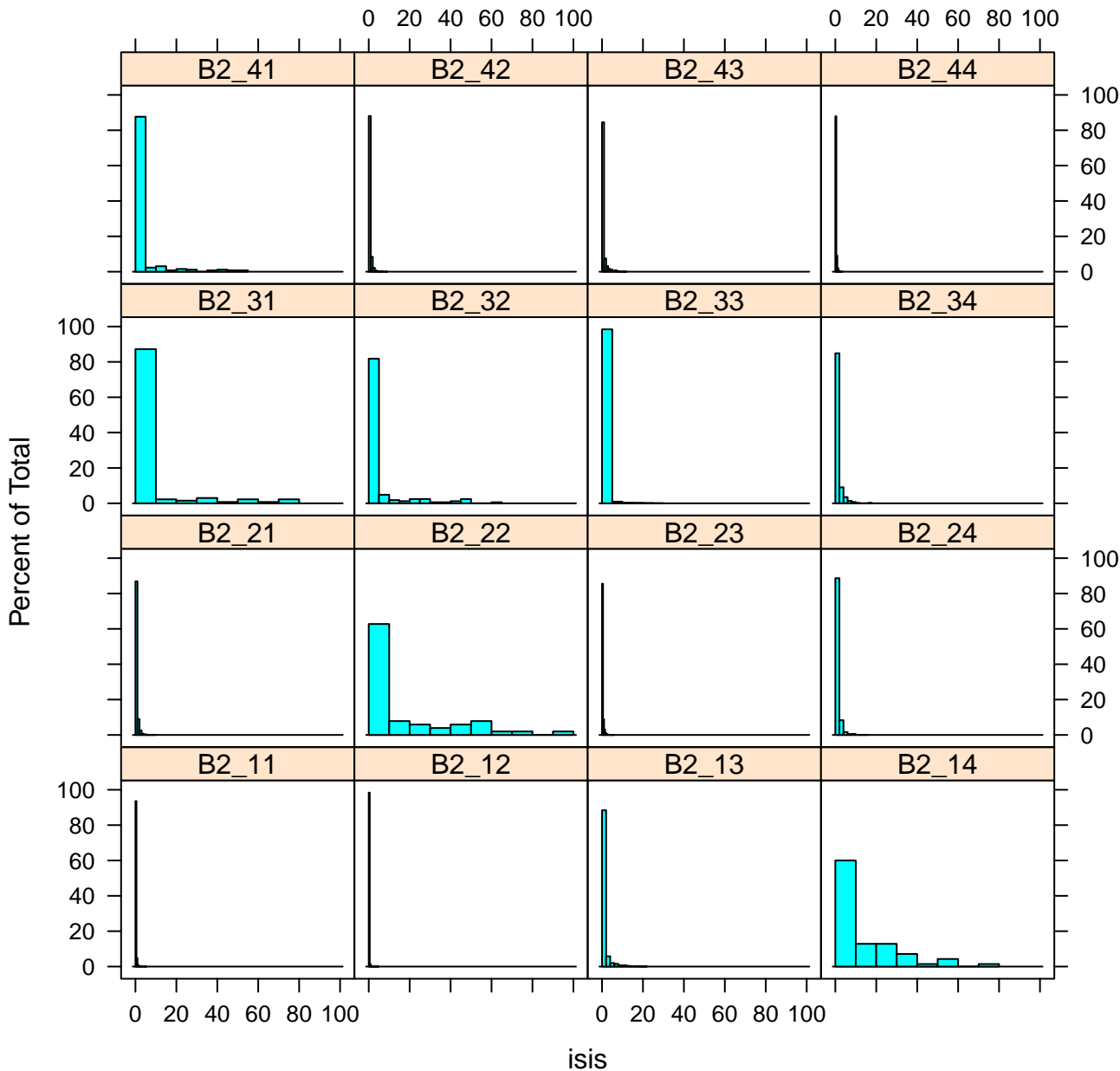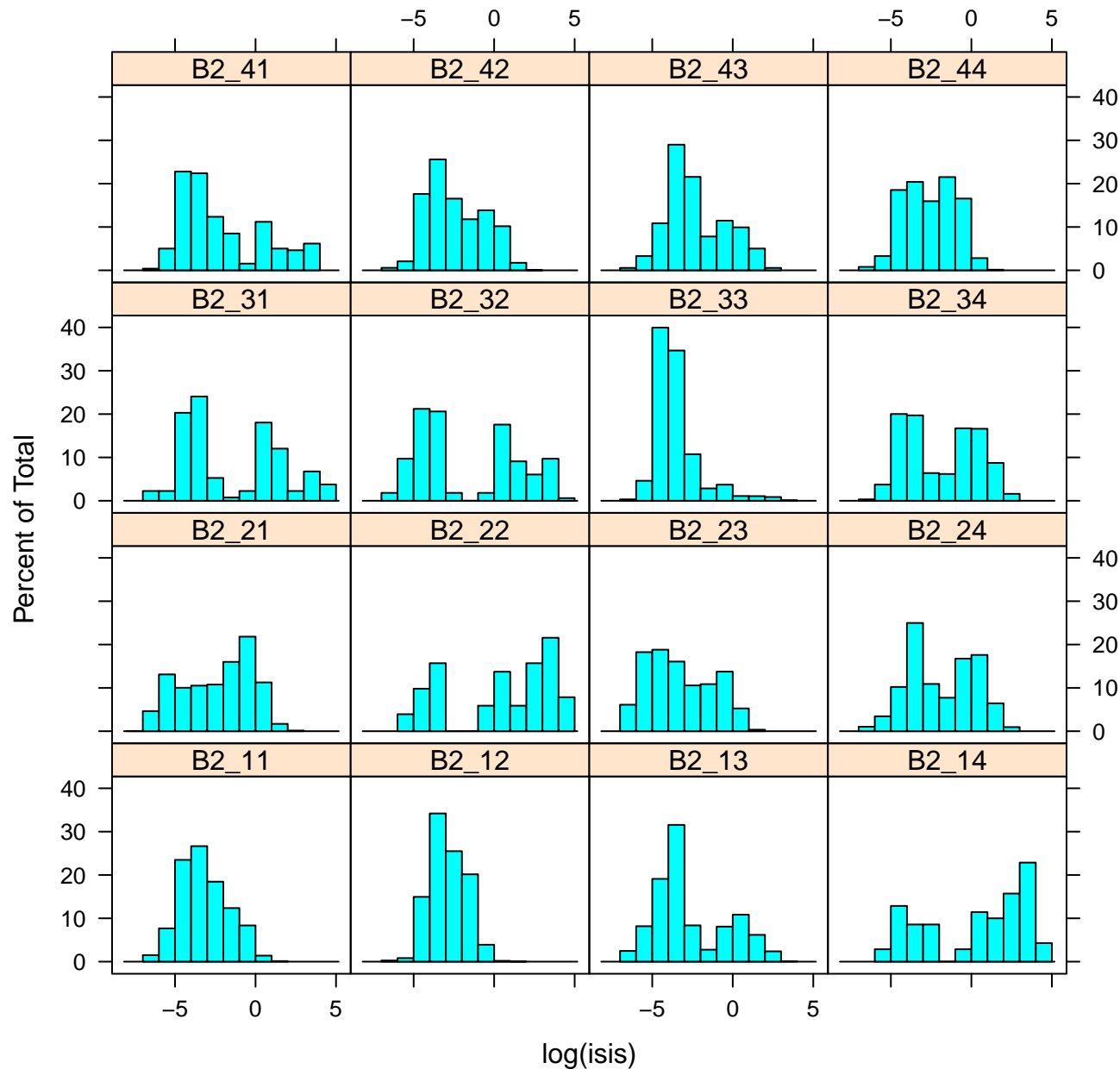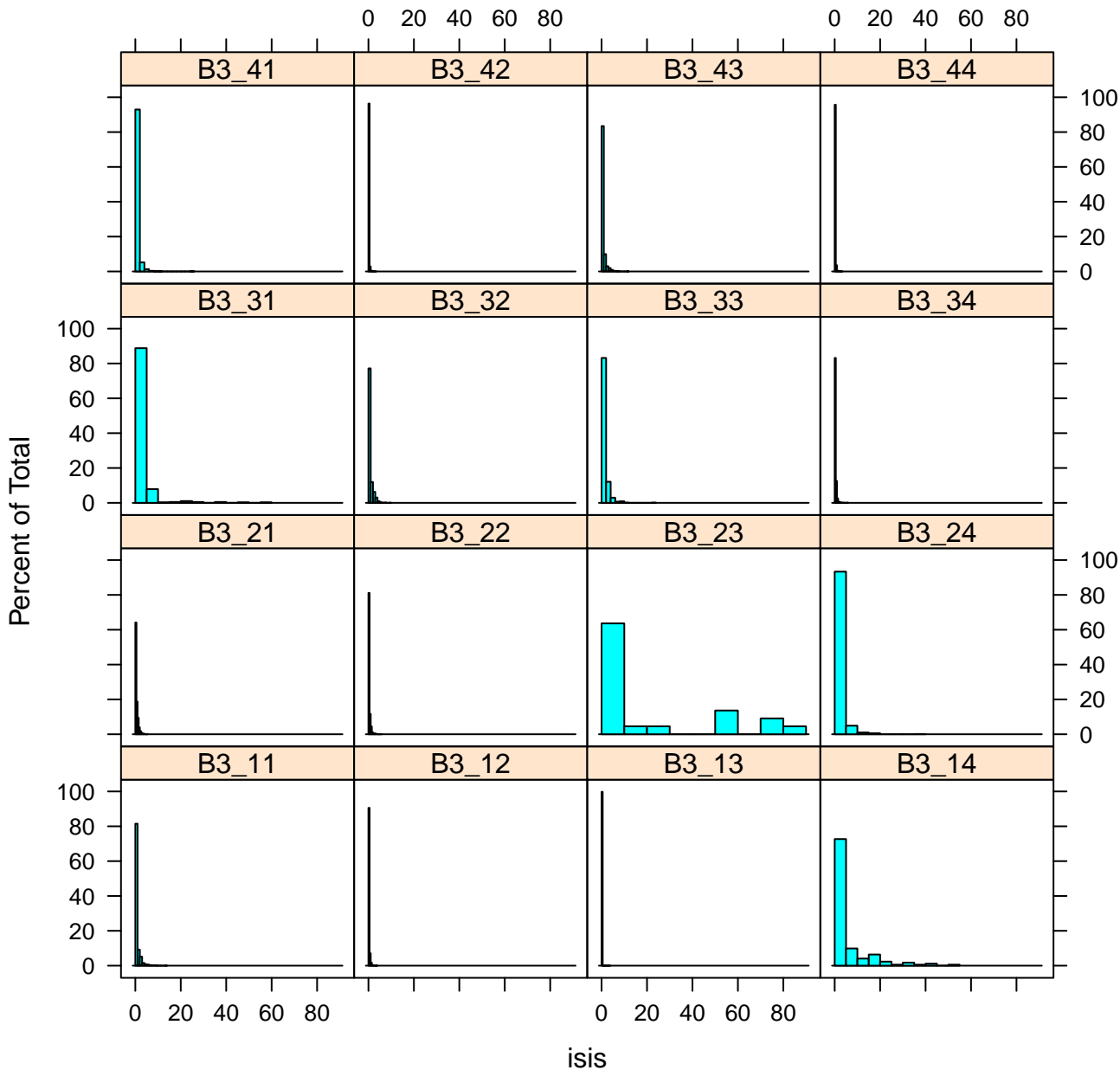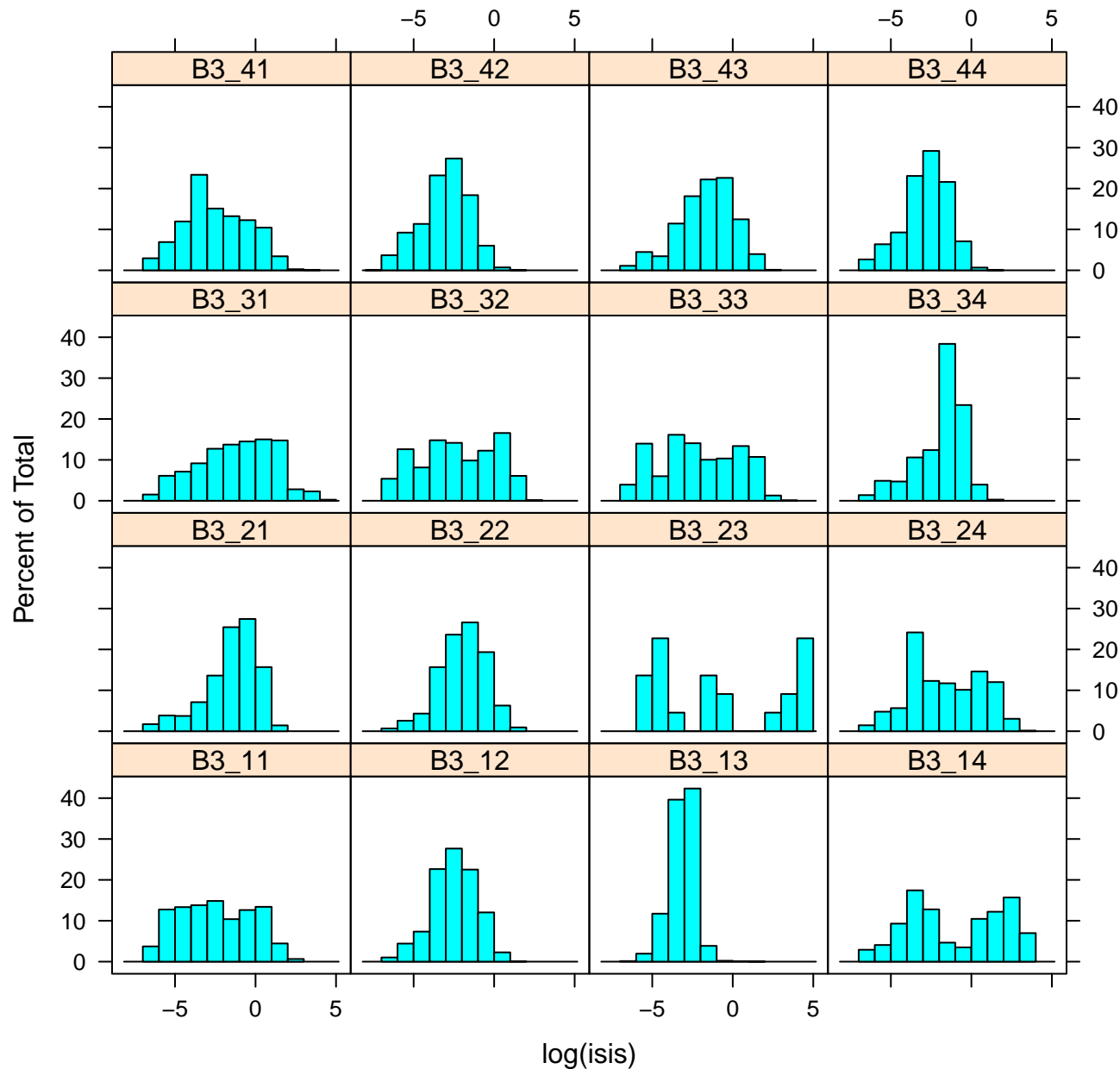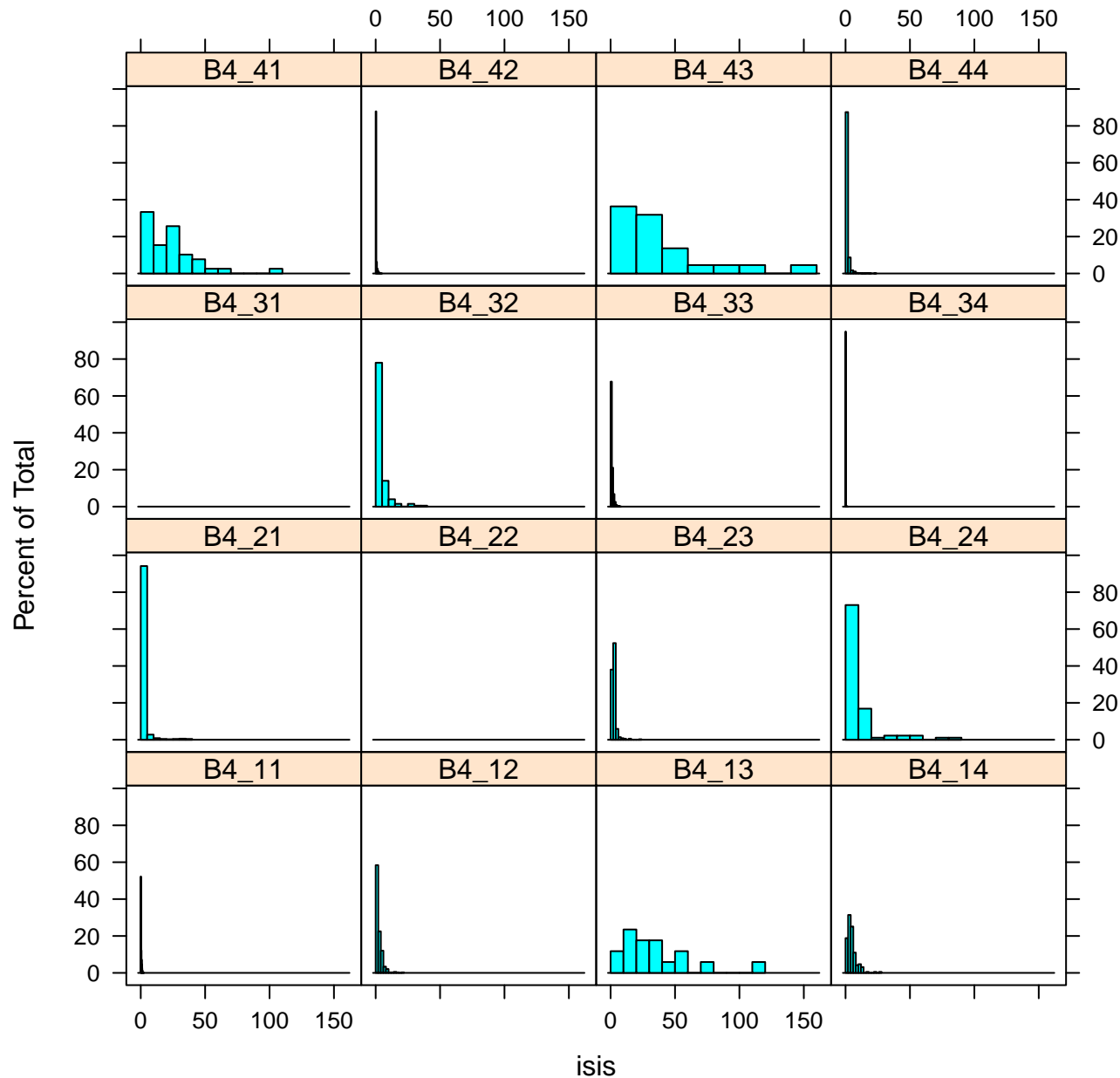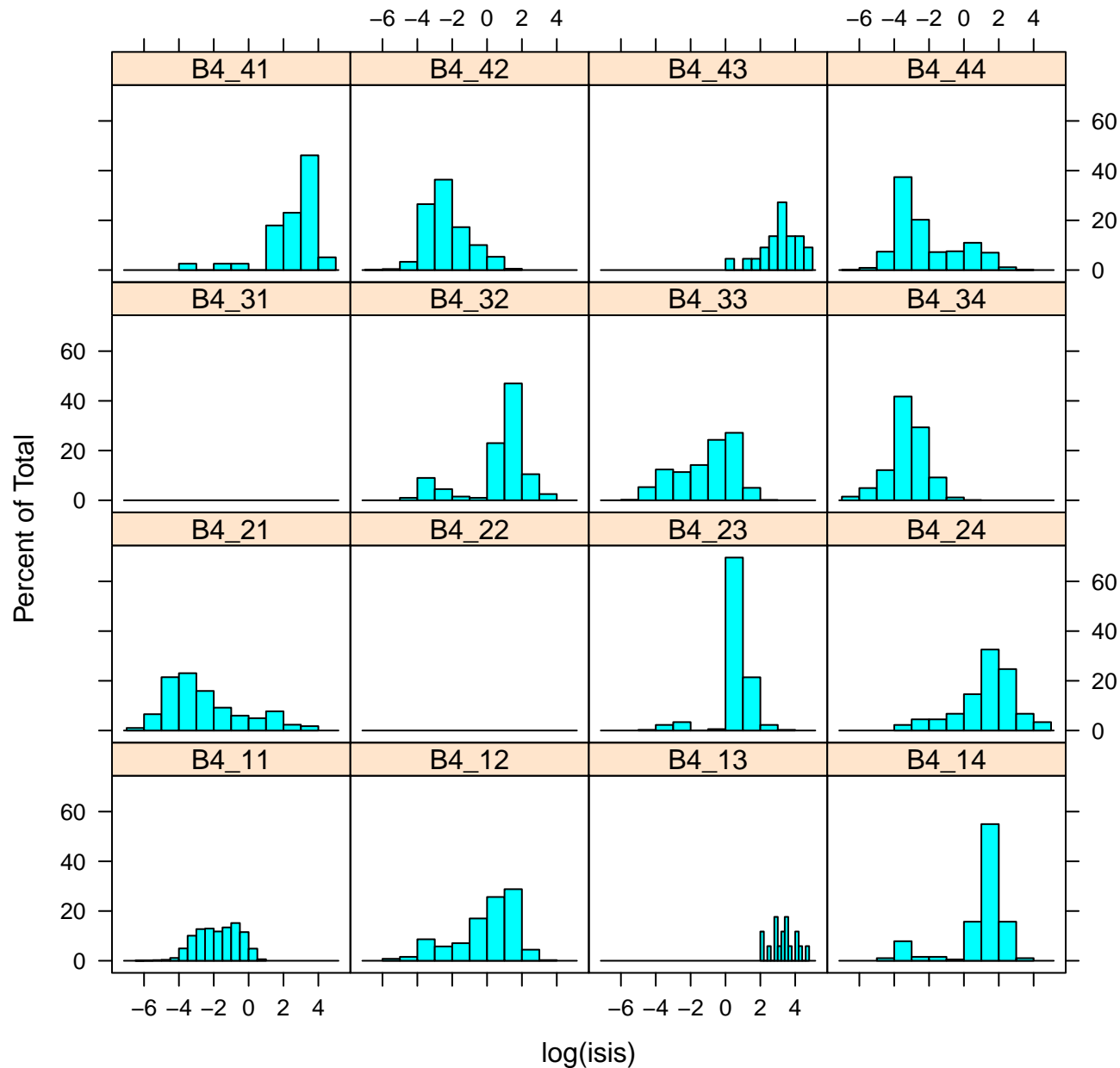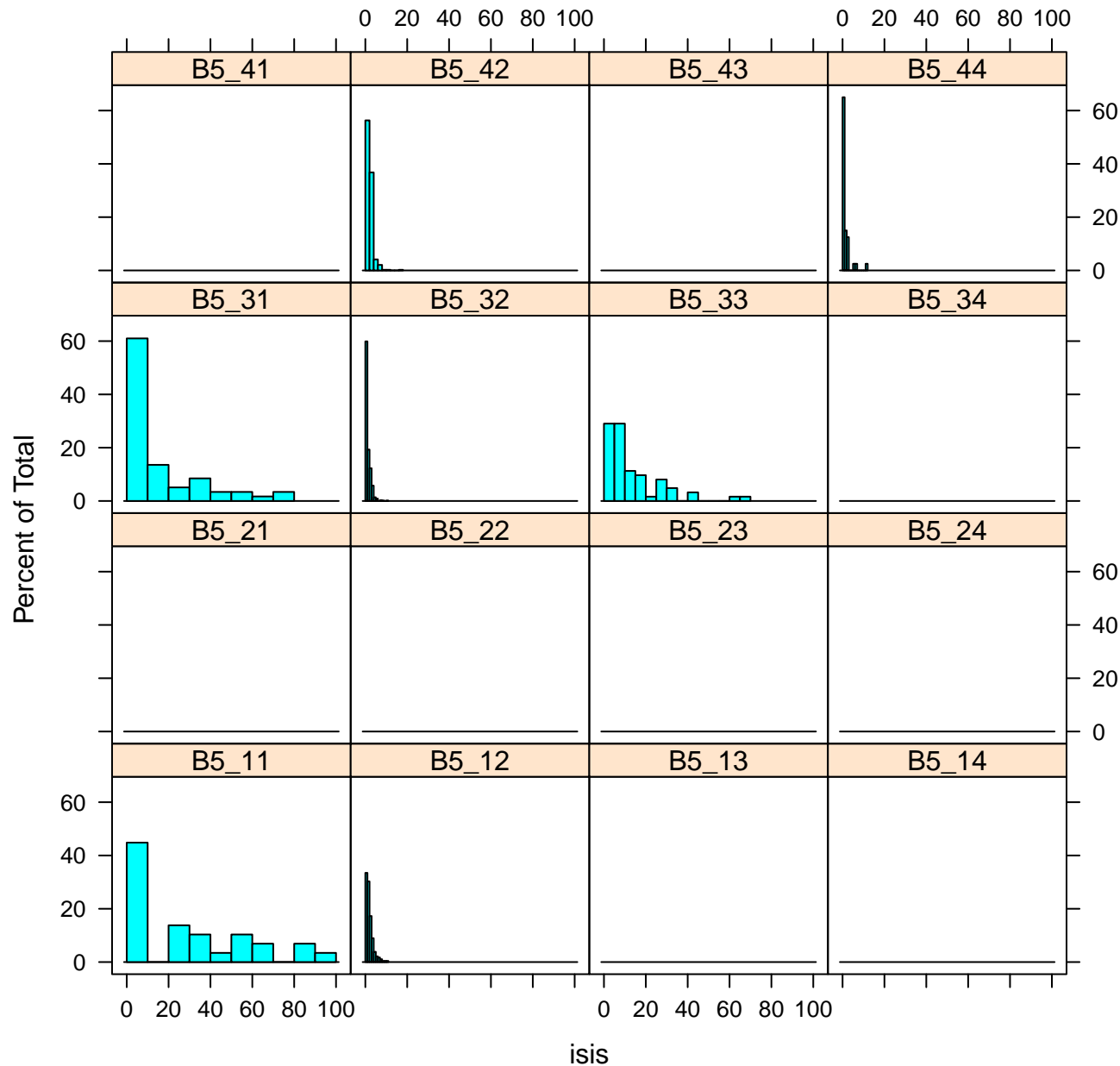log(ISIs) histogram plot for A3
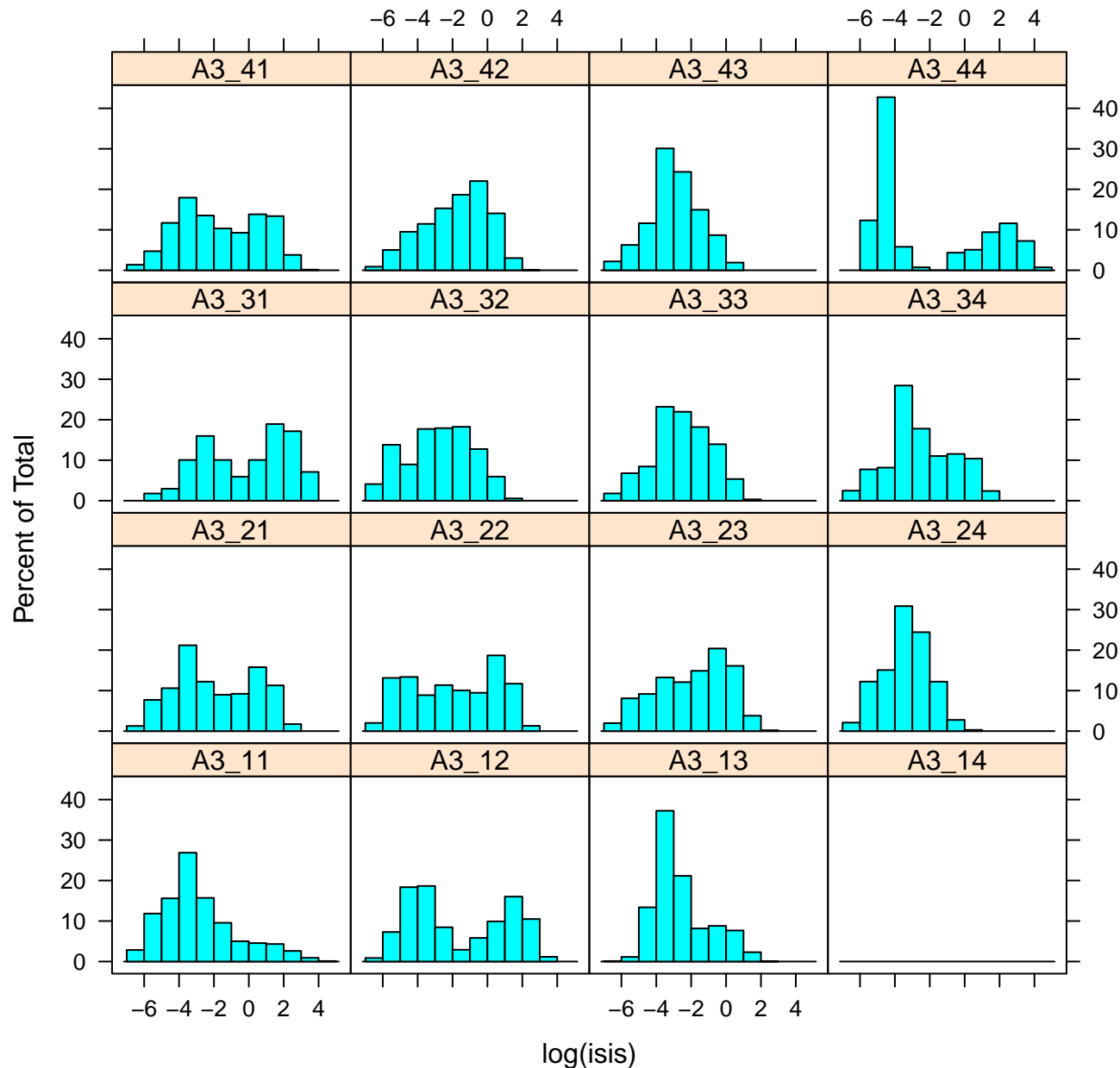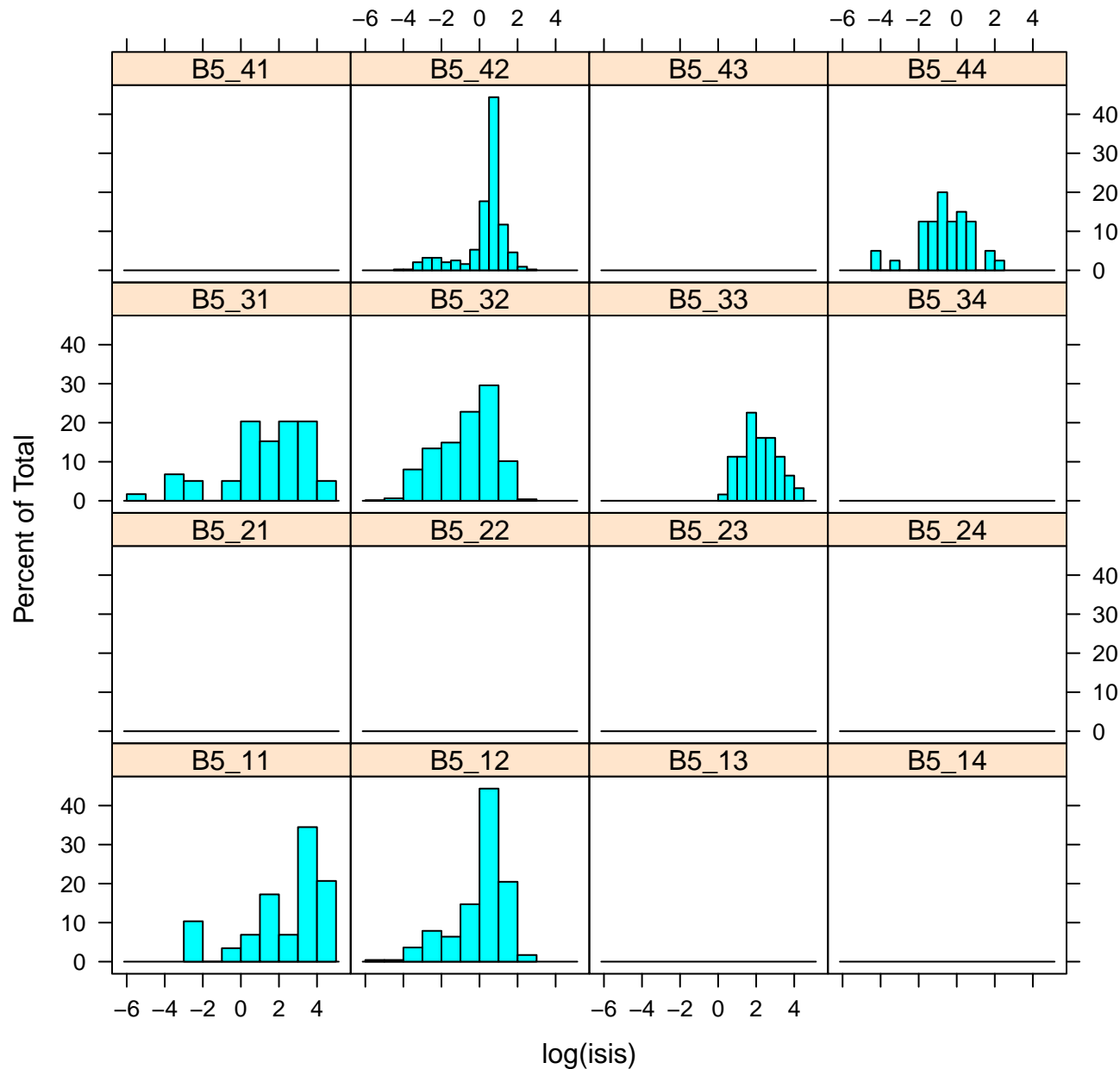
ISIs histogram plot for A4
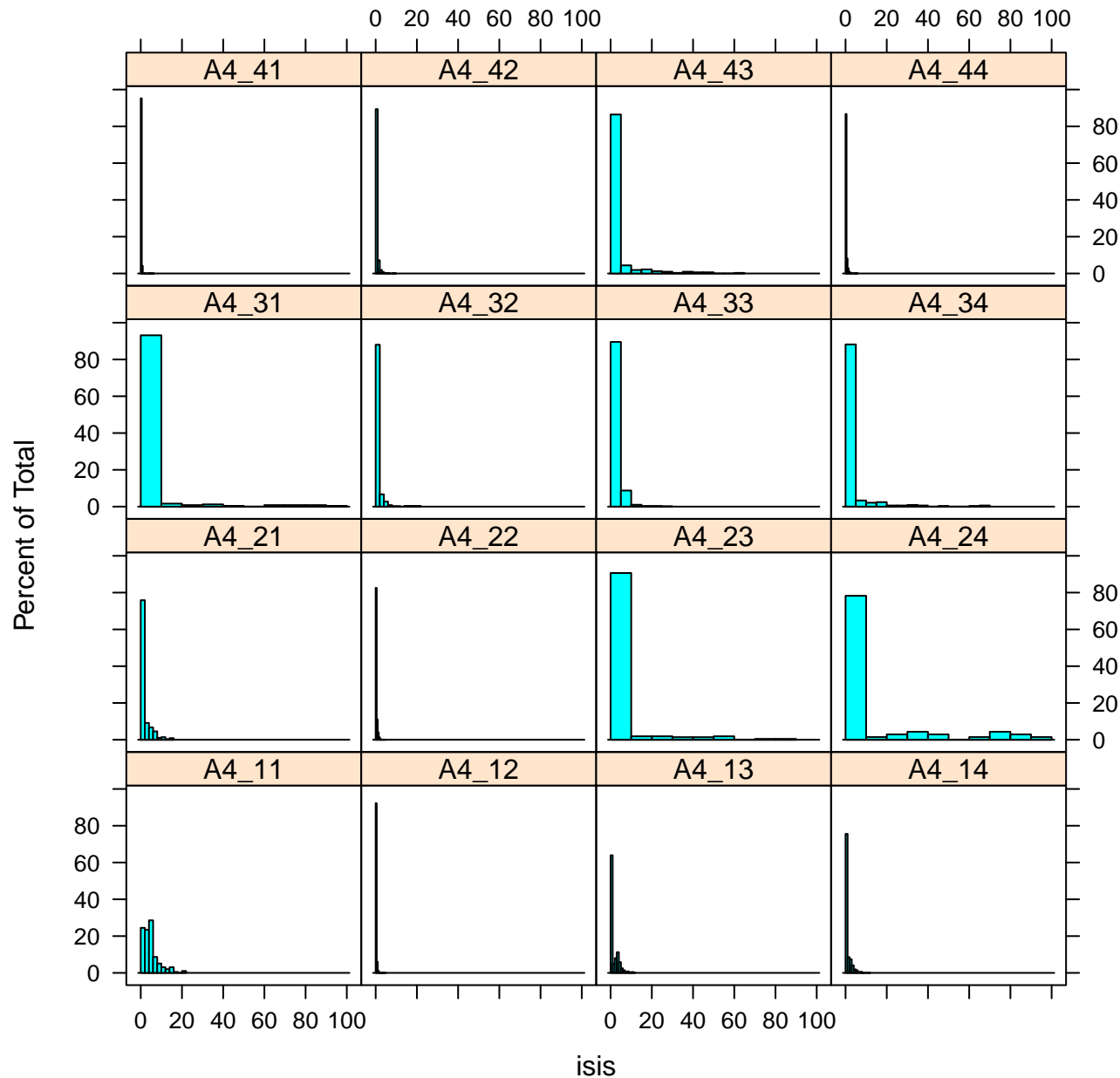
log(ISIs) histogram plot for A4
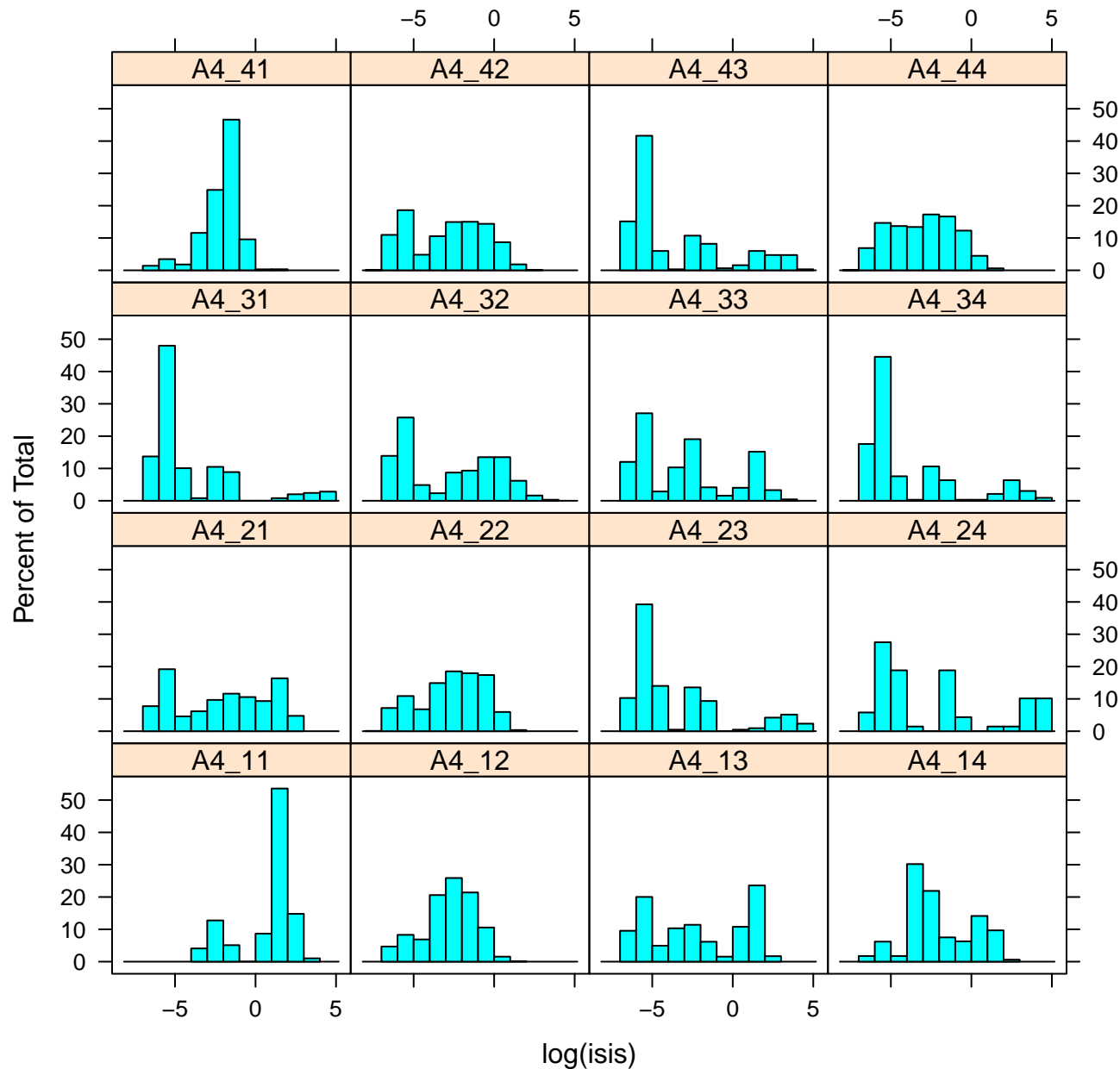
ISIs histogram plot for A5
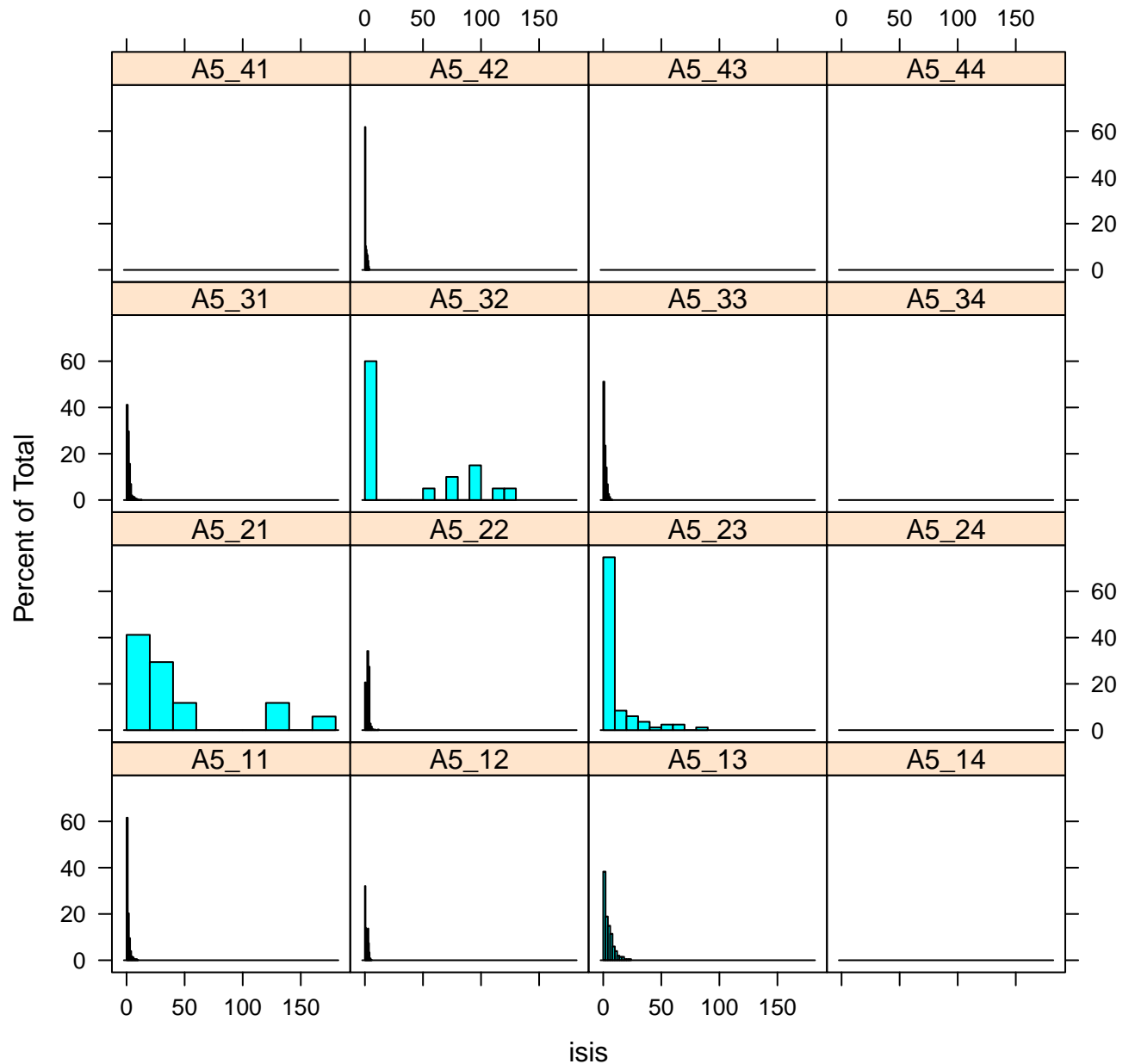
log(ISIs) histogram plot for A5
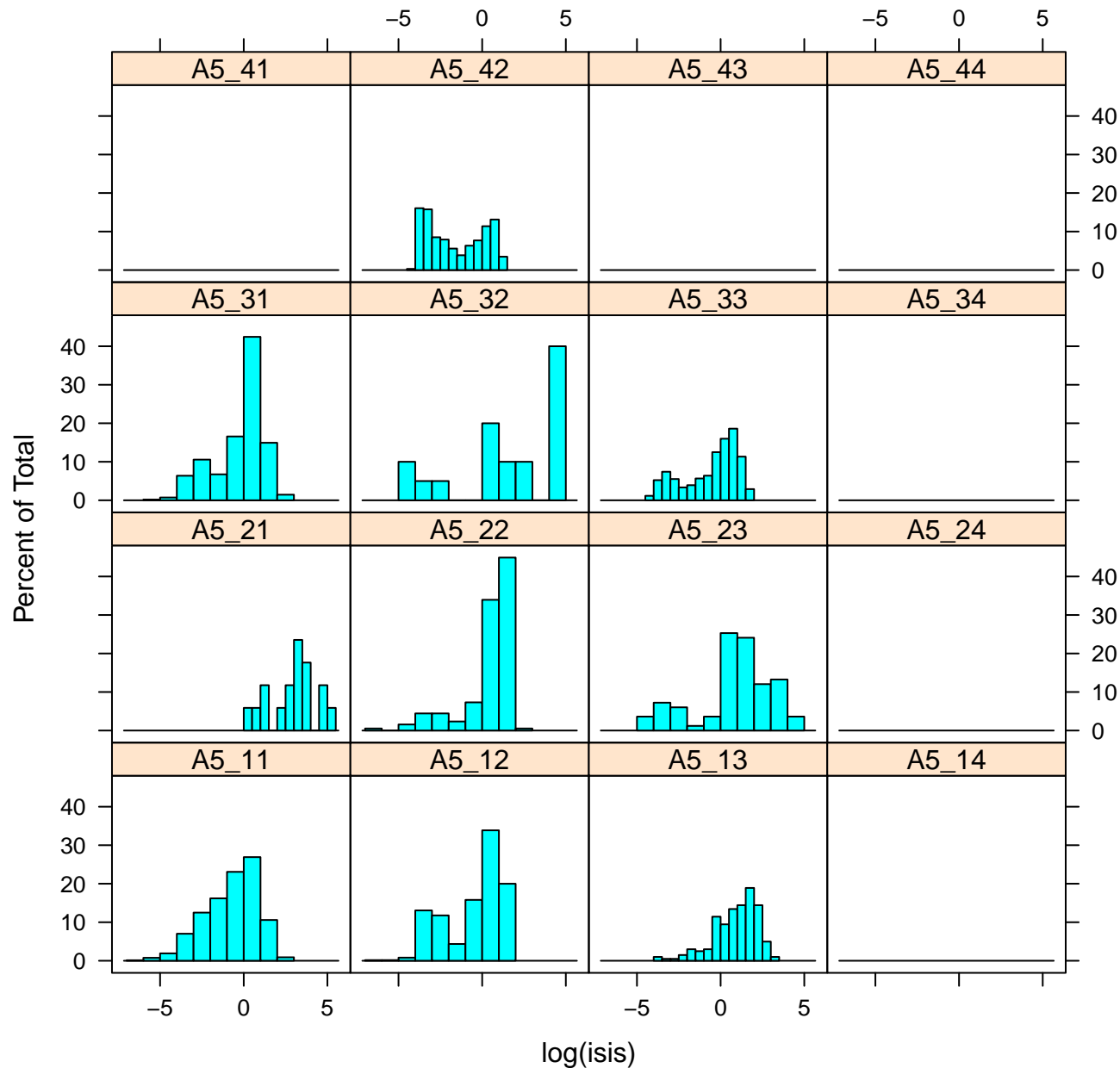
ISIs histogram plot for A6
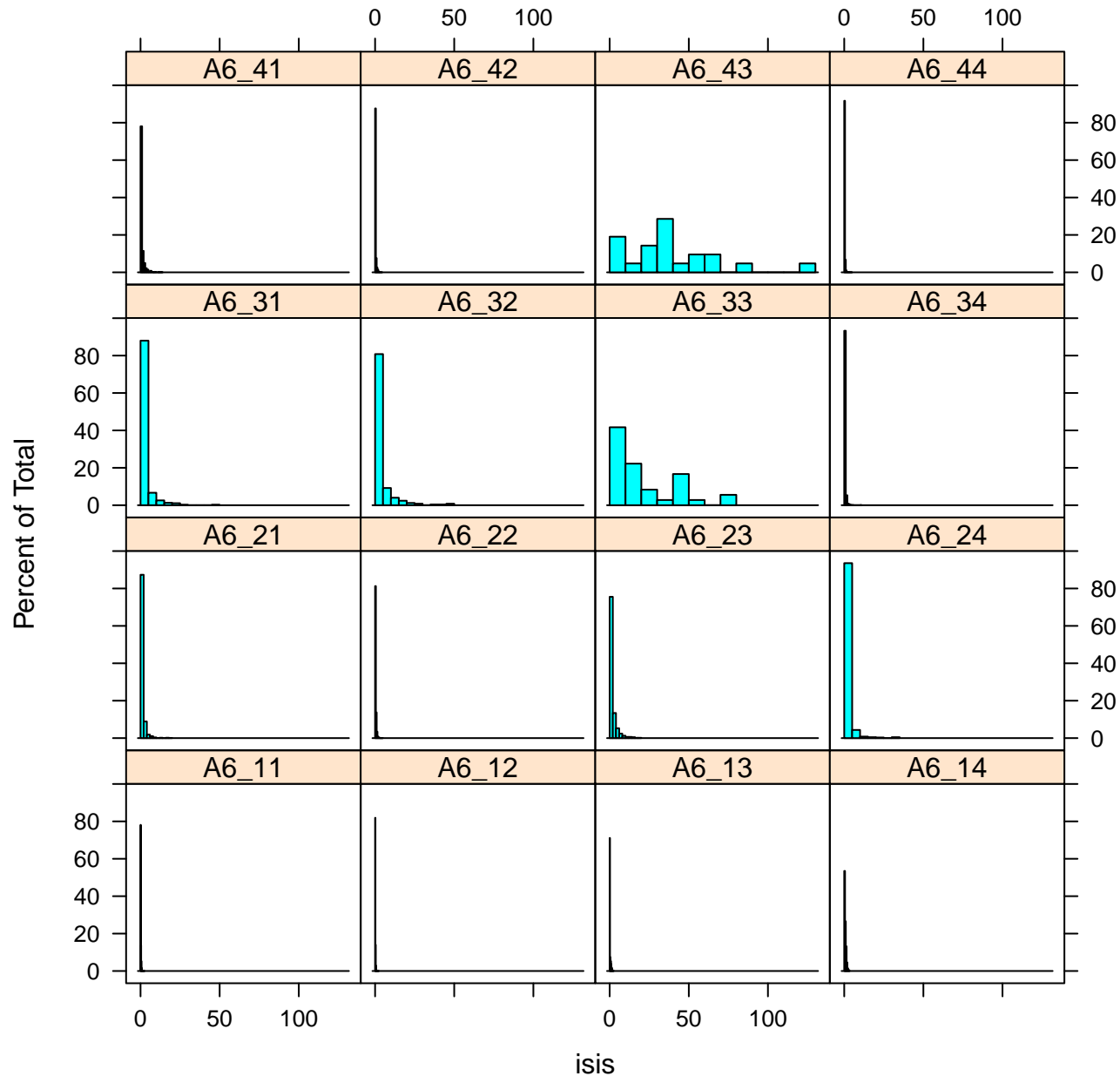
log(ISIs) histogram plot for A6

ISIs histogram plot for A7

log(ISIs) histogram plot for A7
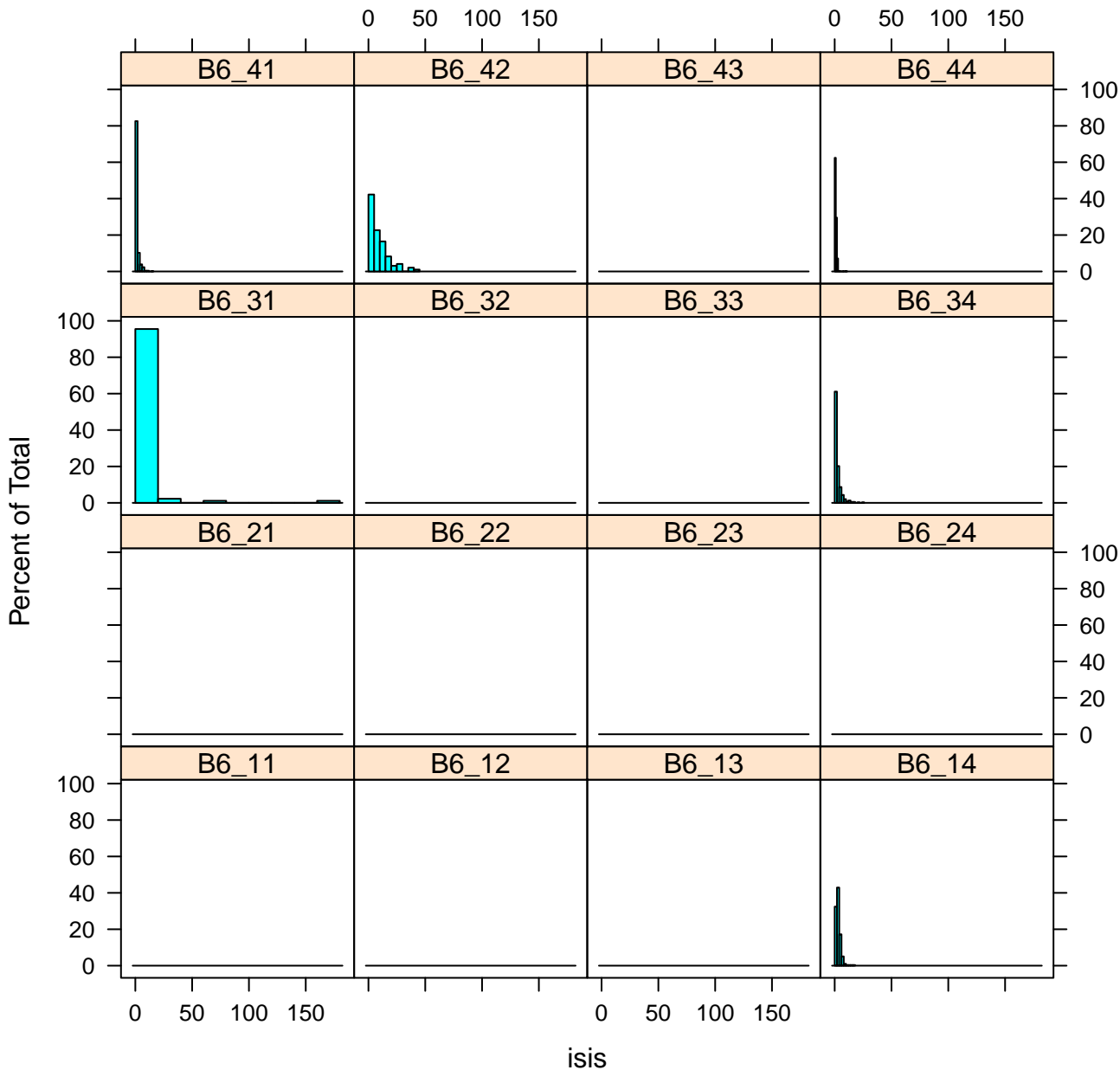
ISIs histogram plot for A8

log(ISIs) histogram plot for A8

ISIs histogram plot for B1

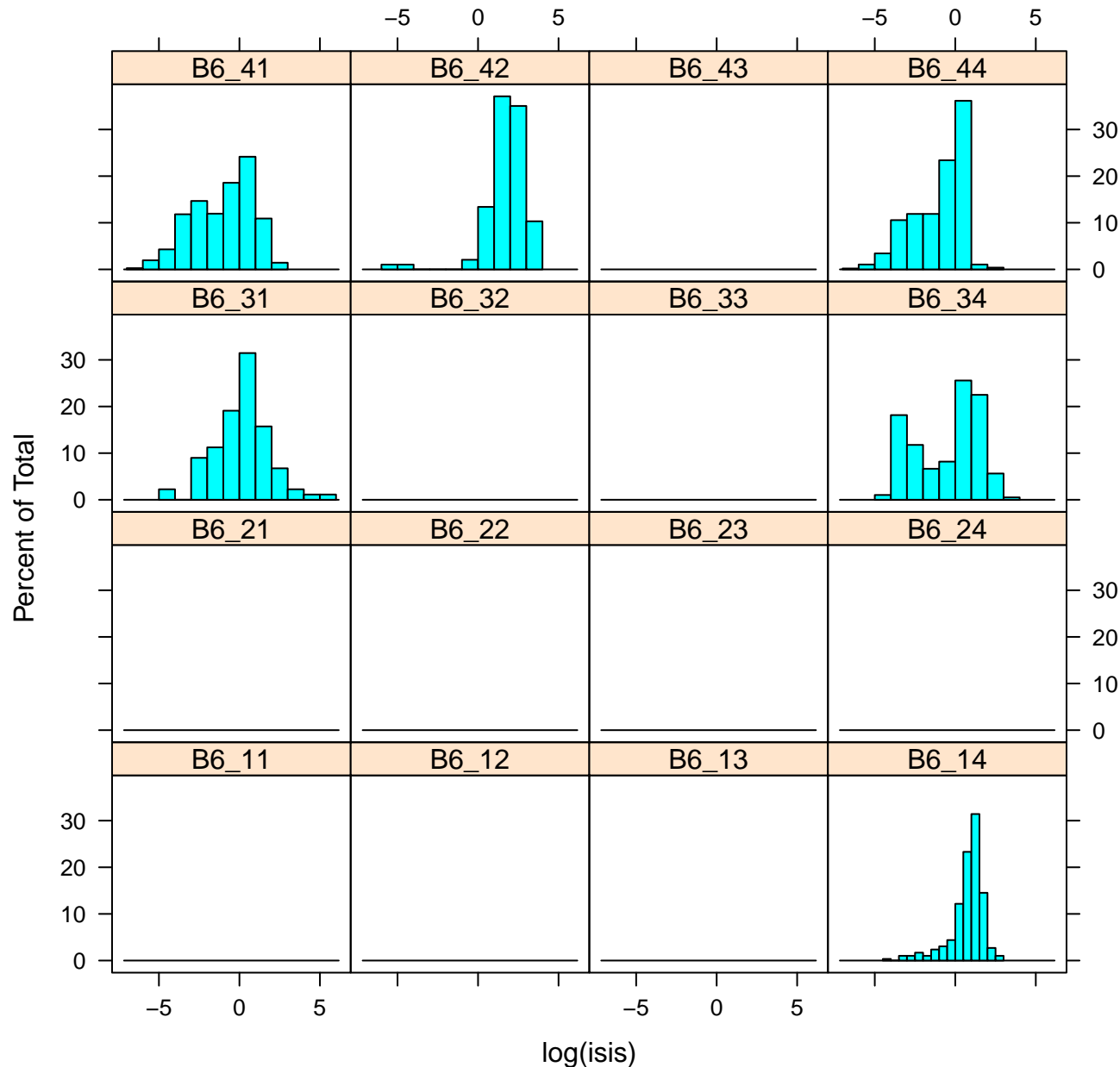**log(ISIs) histogram plot for B1**

ISIs histogram plot for B2

log(ISIs) histogram plot for B2

ISIs histogram plot for B3
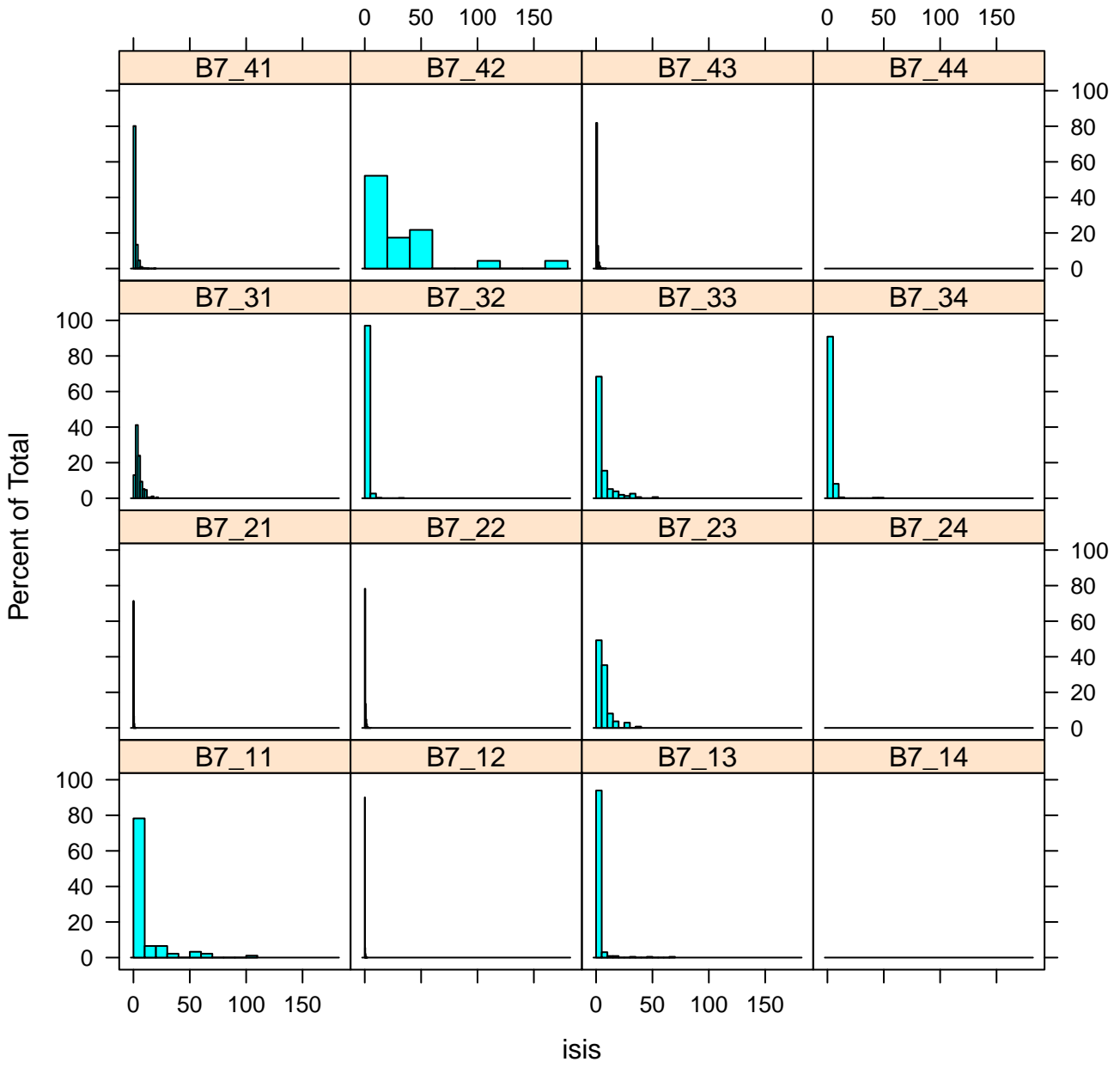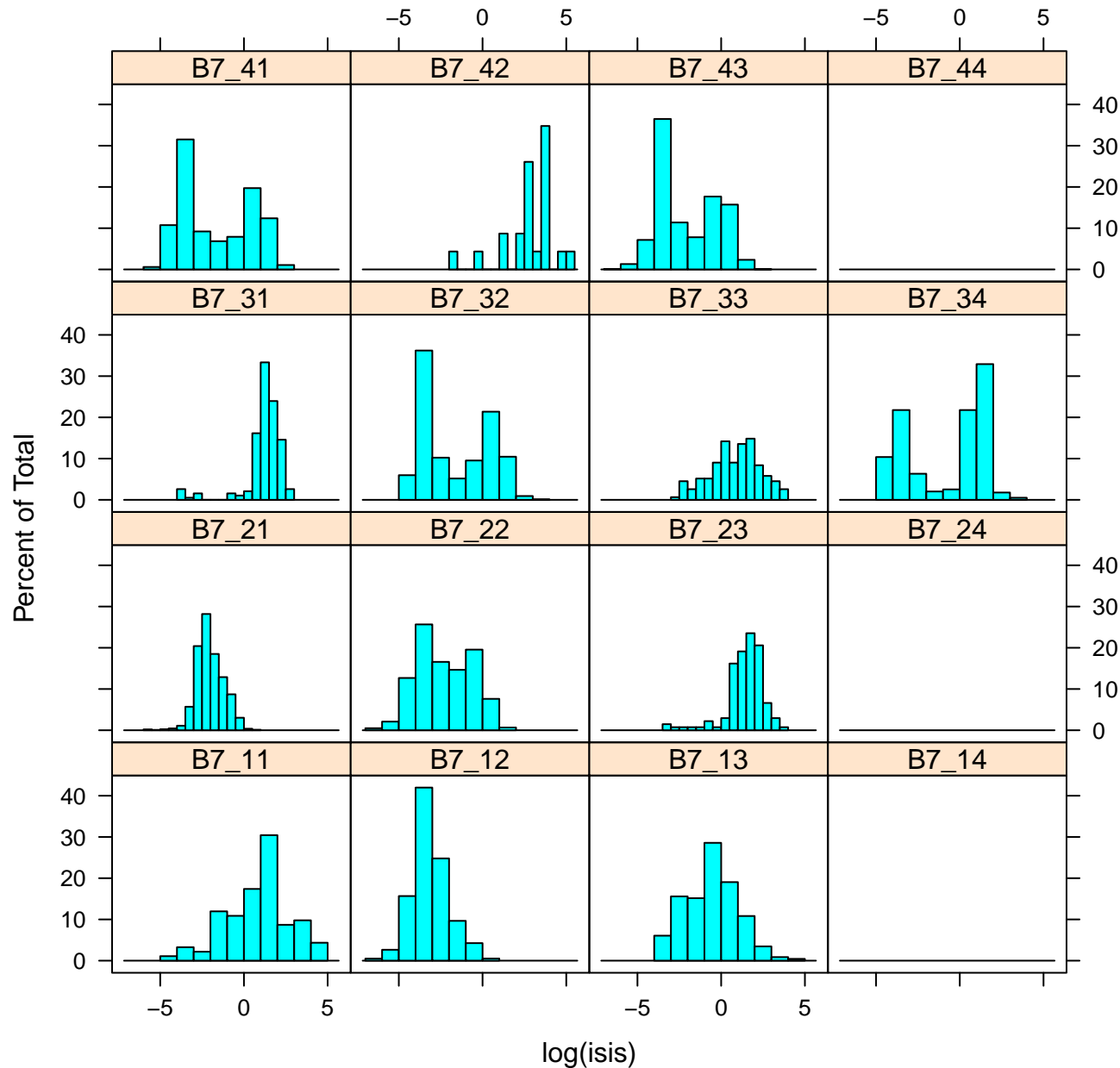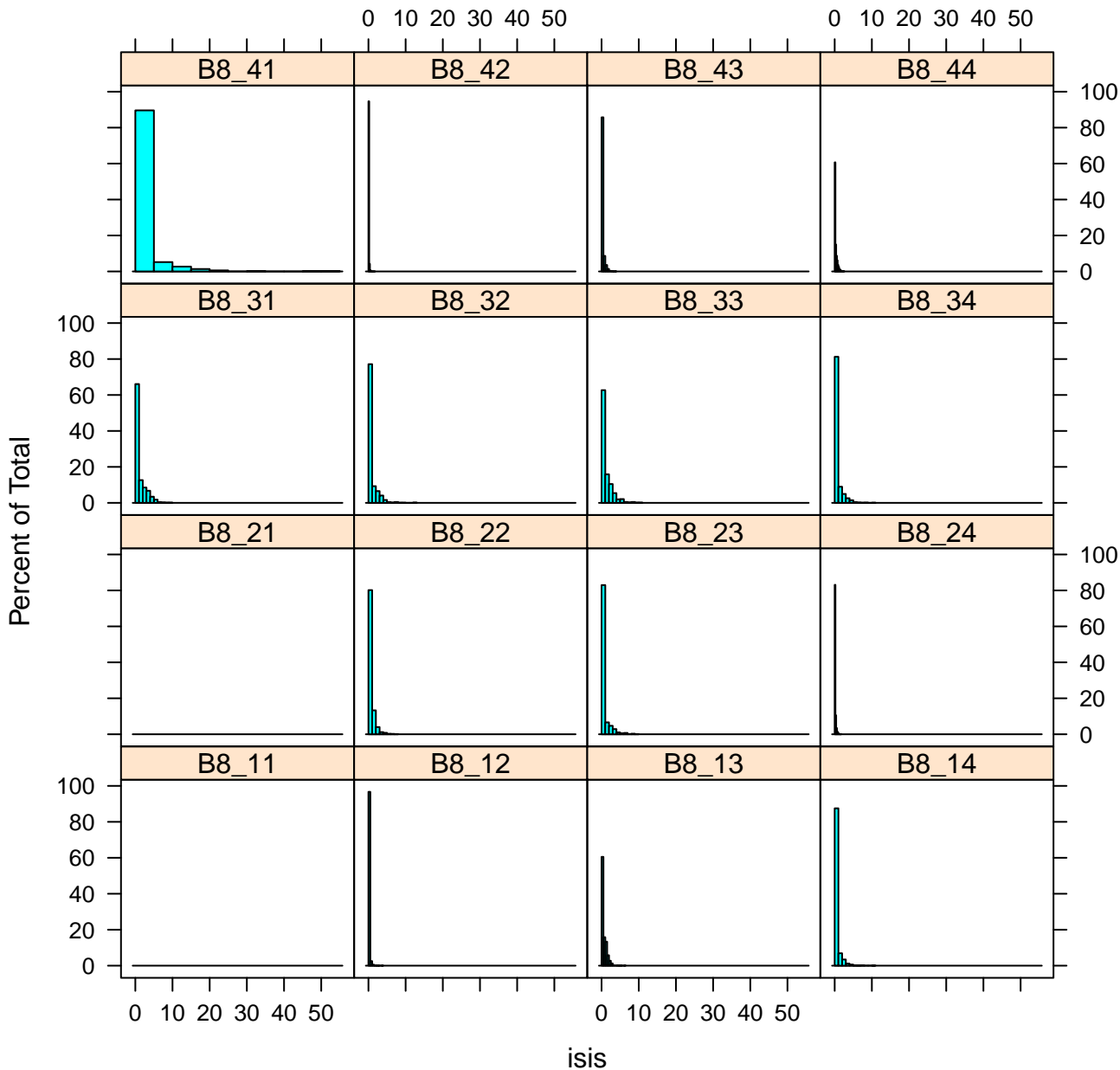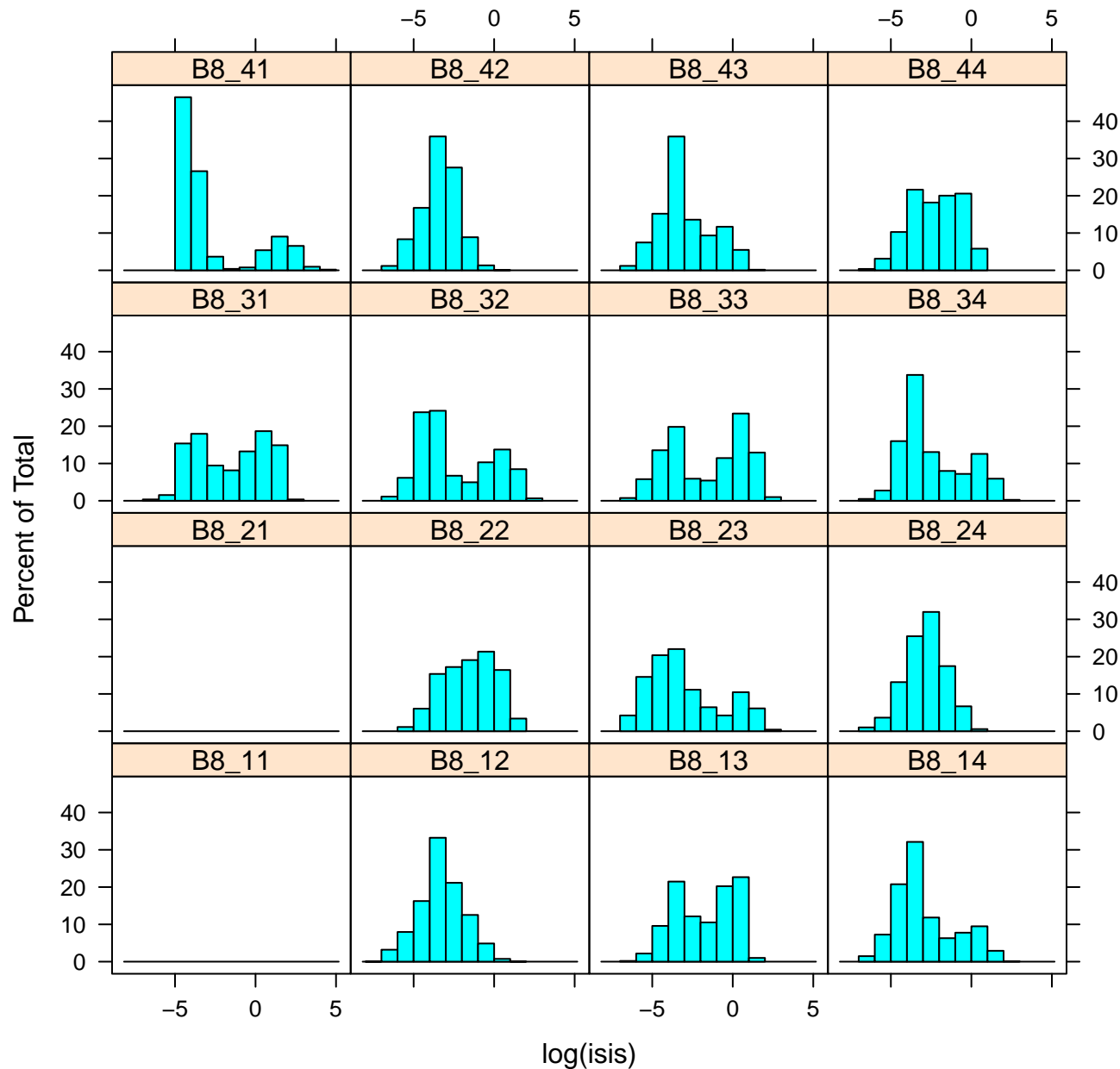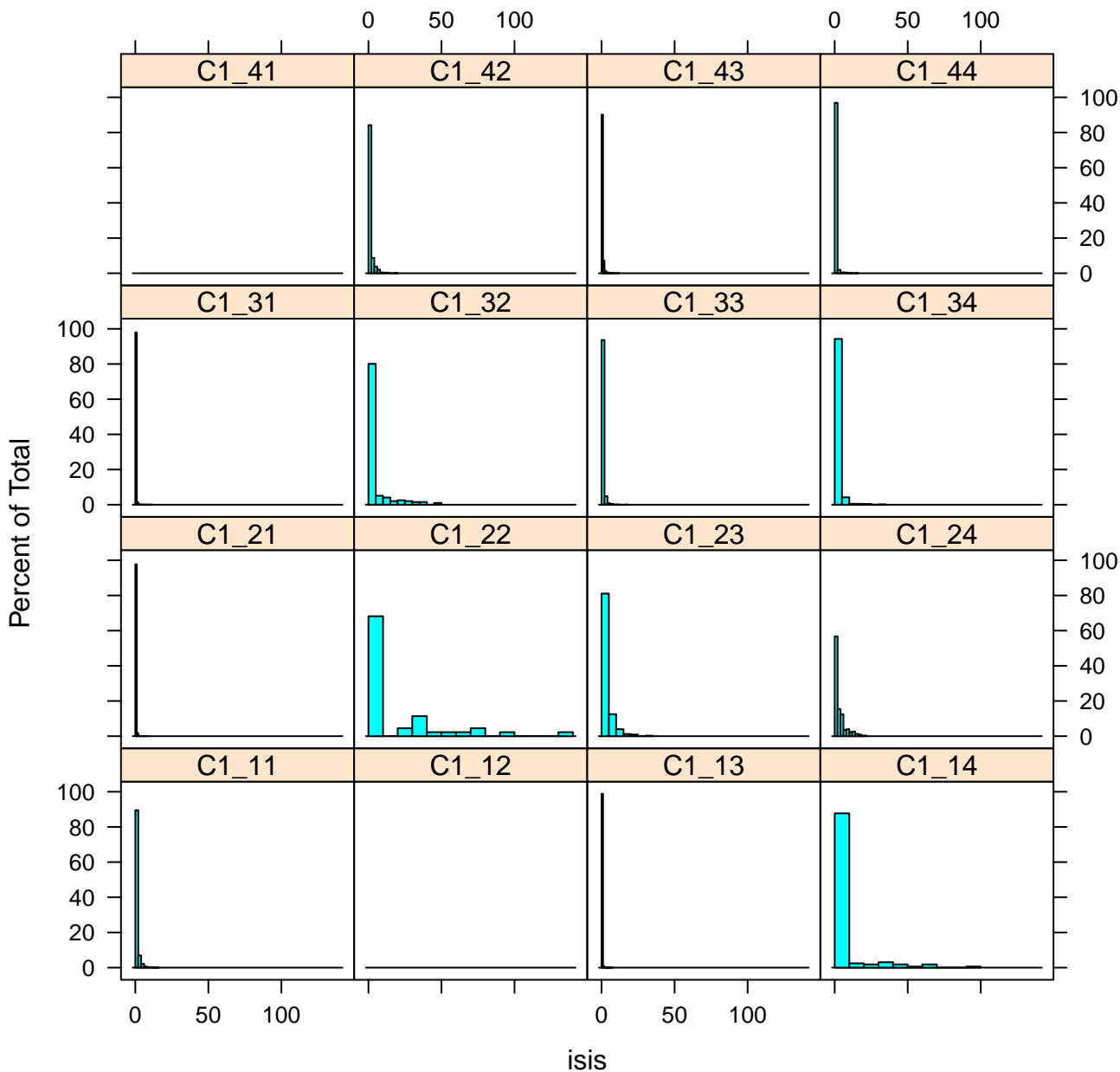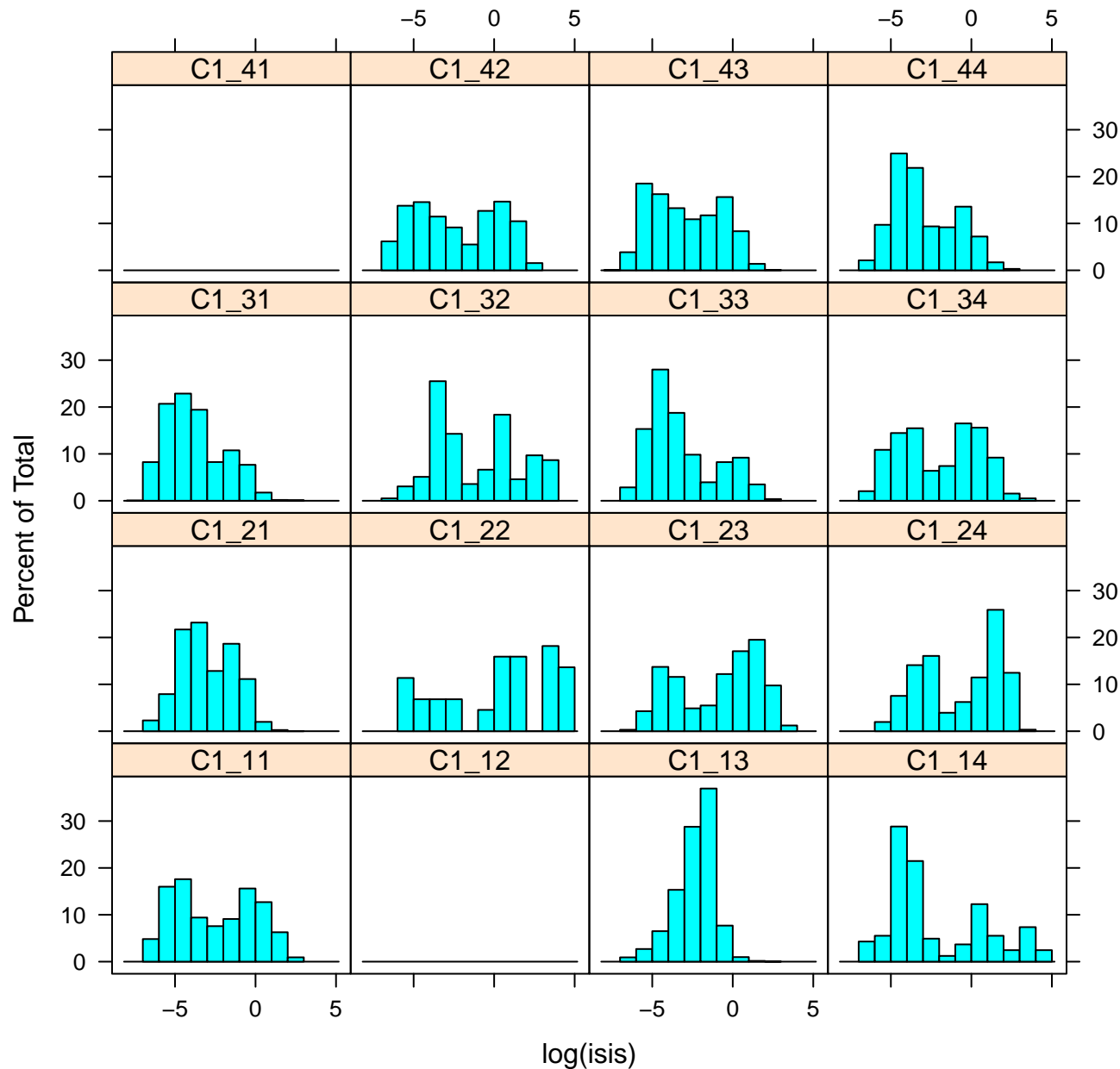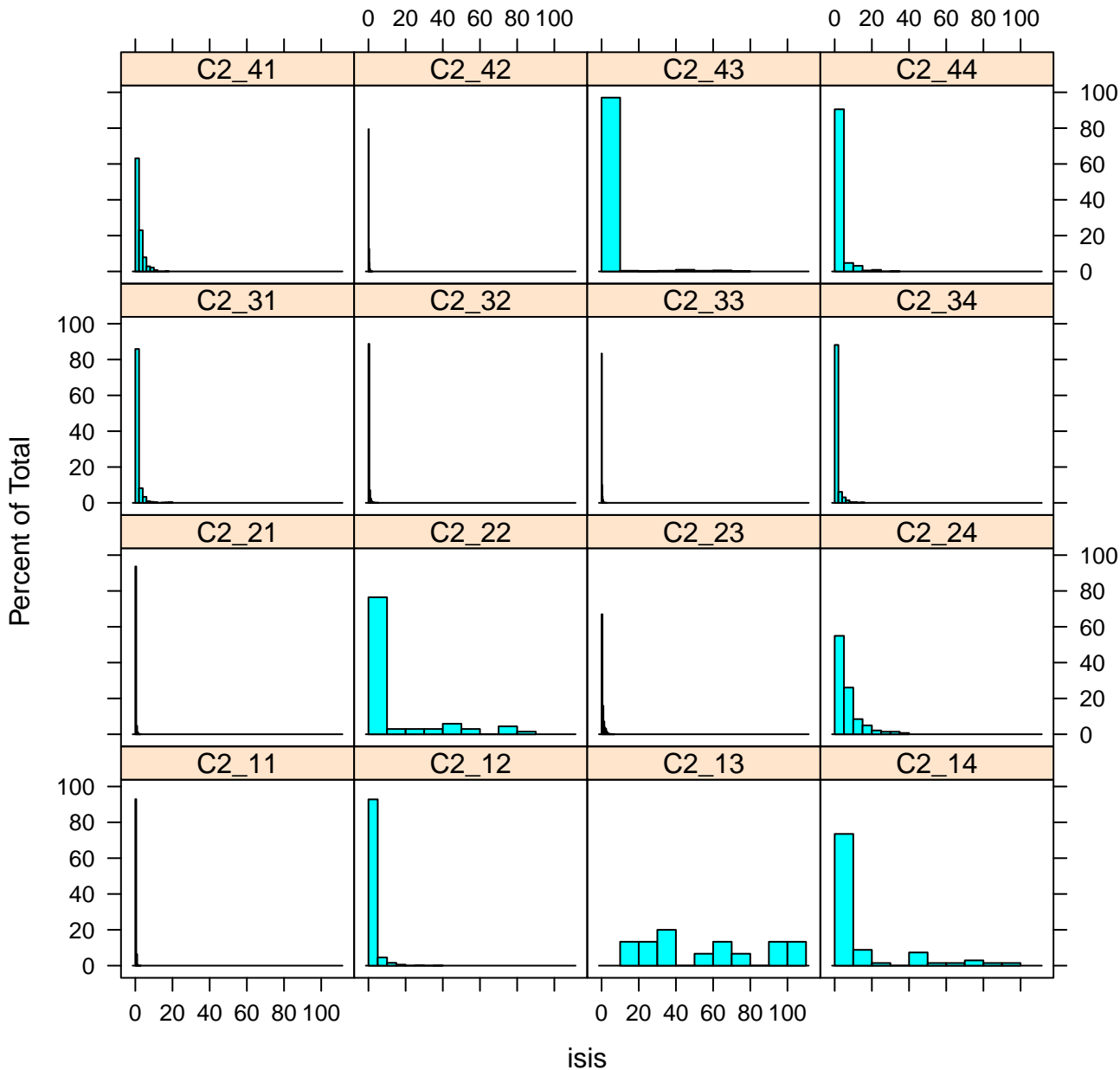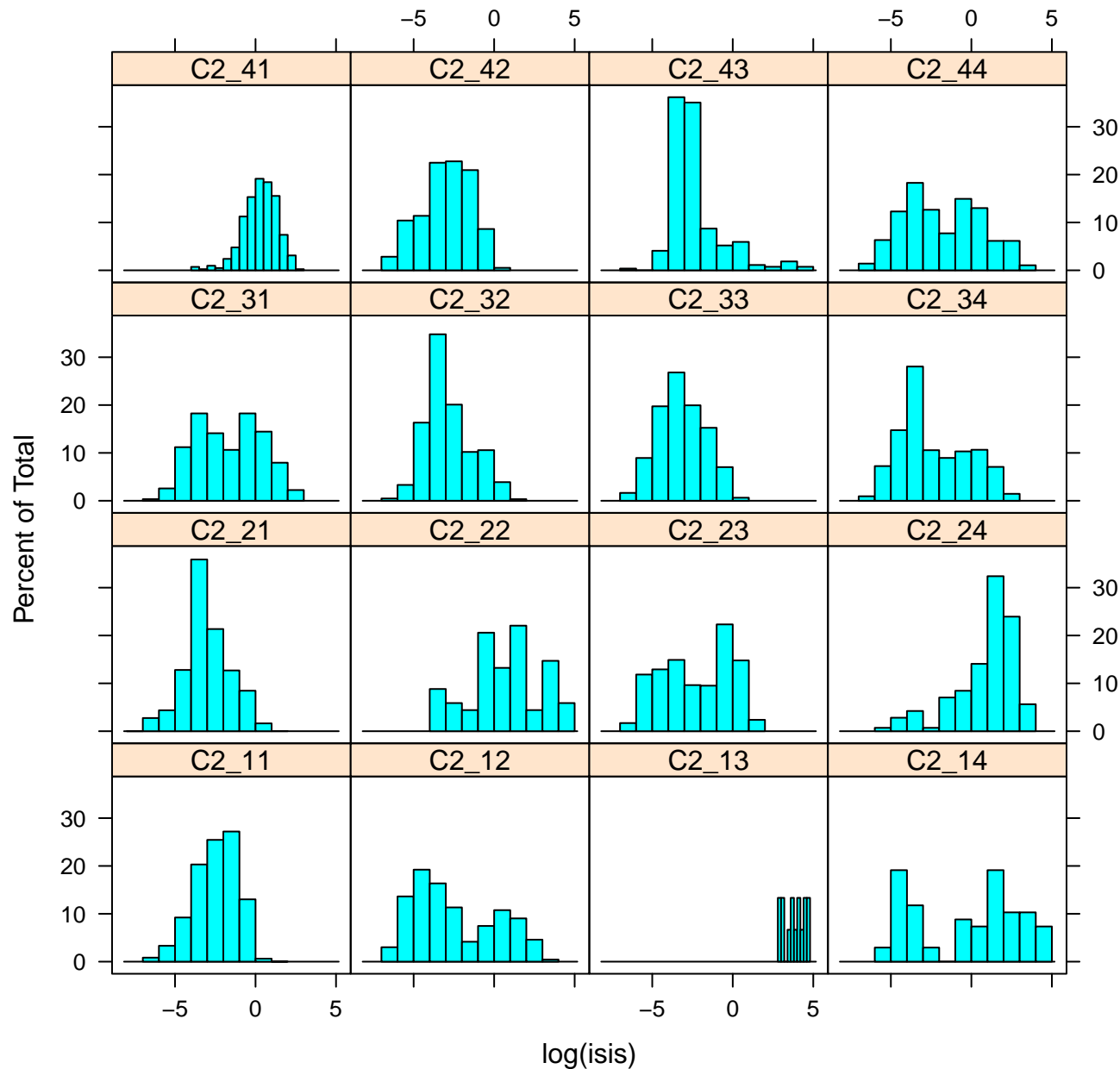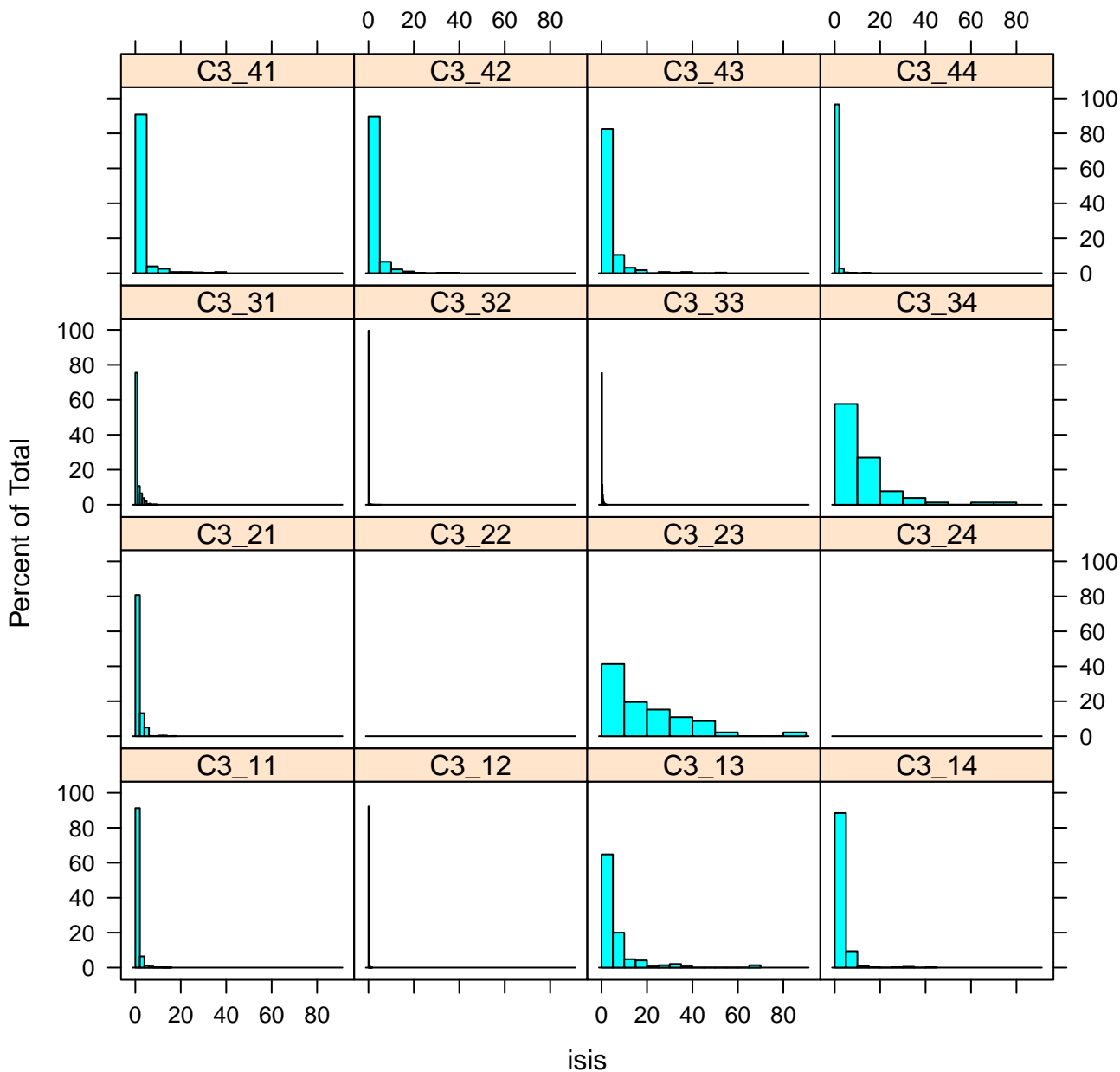
log(ISIs) histogram plot for B3

ISIs histogram plot for B4

log(ISIs) histogram plot for B4

Percent of Total (y-axis)
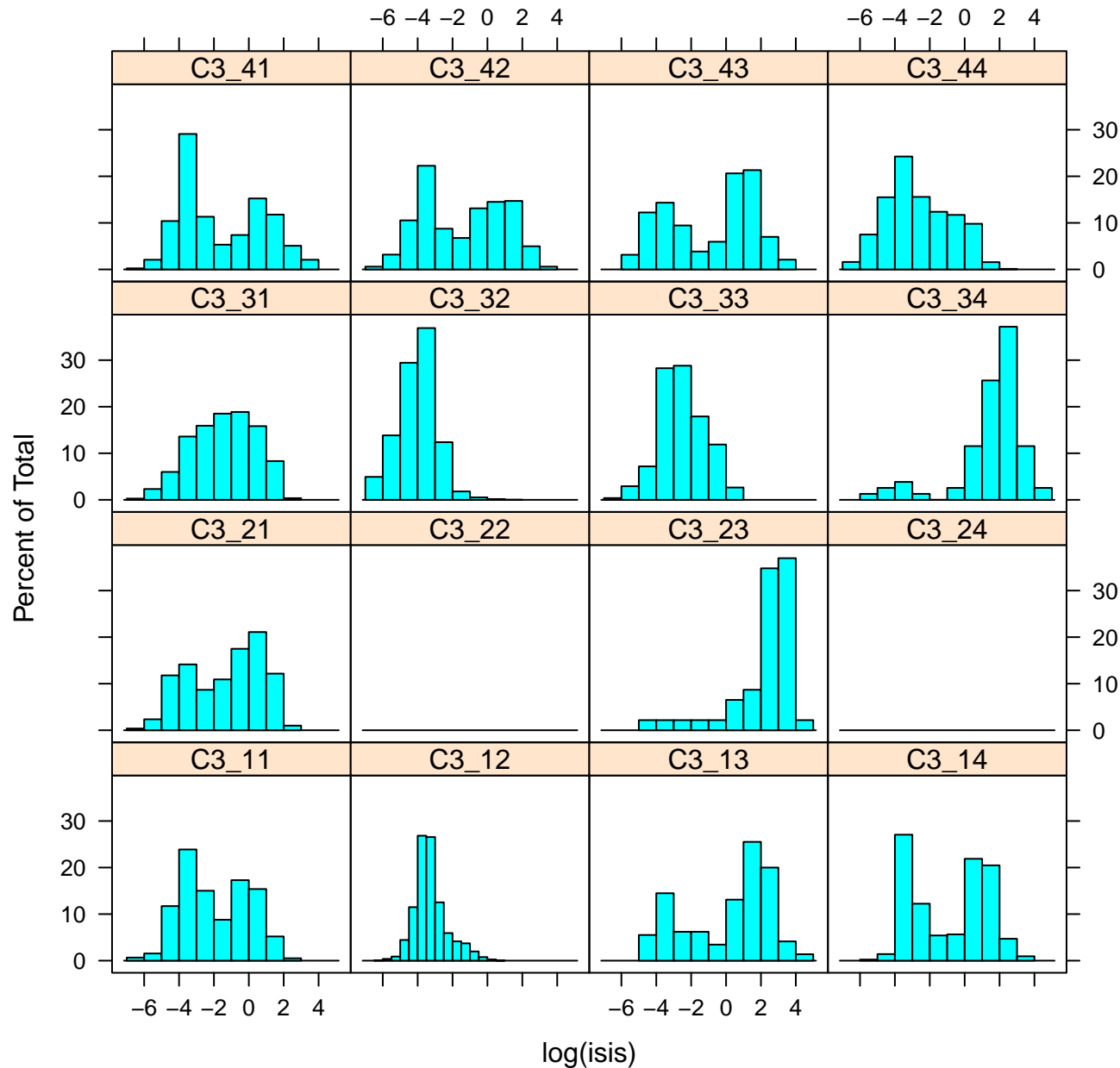
log(isis) (x-axis)

ISIs histogram plot for B5

log(ISIs) histogram plot for B5
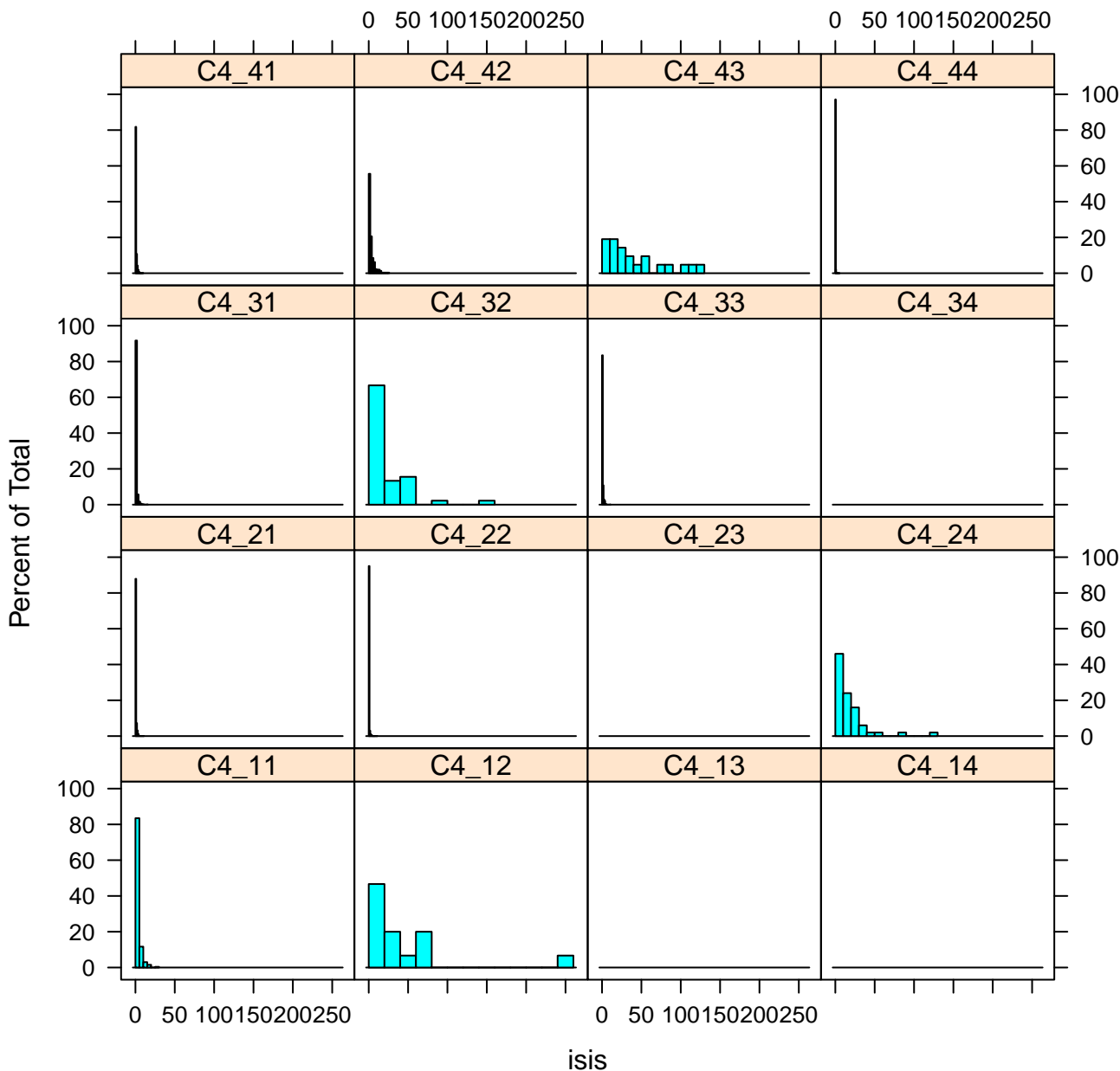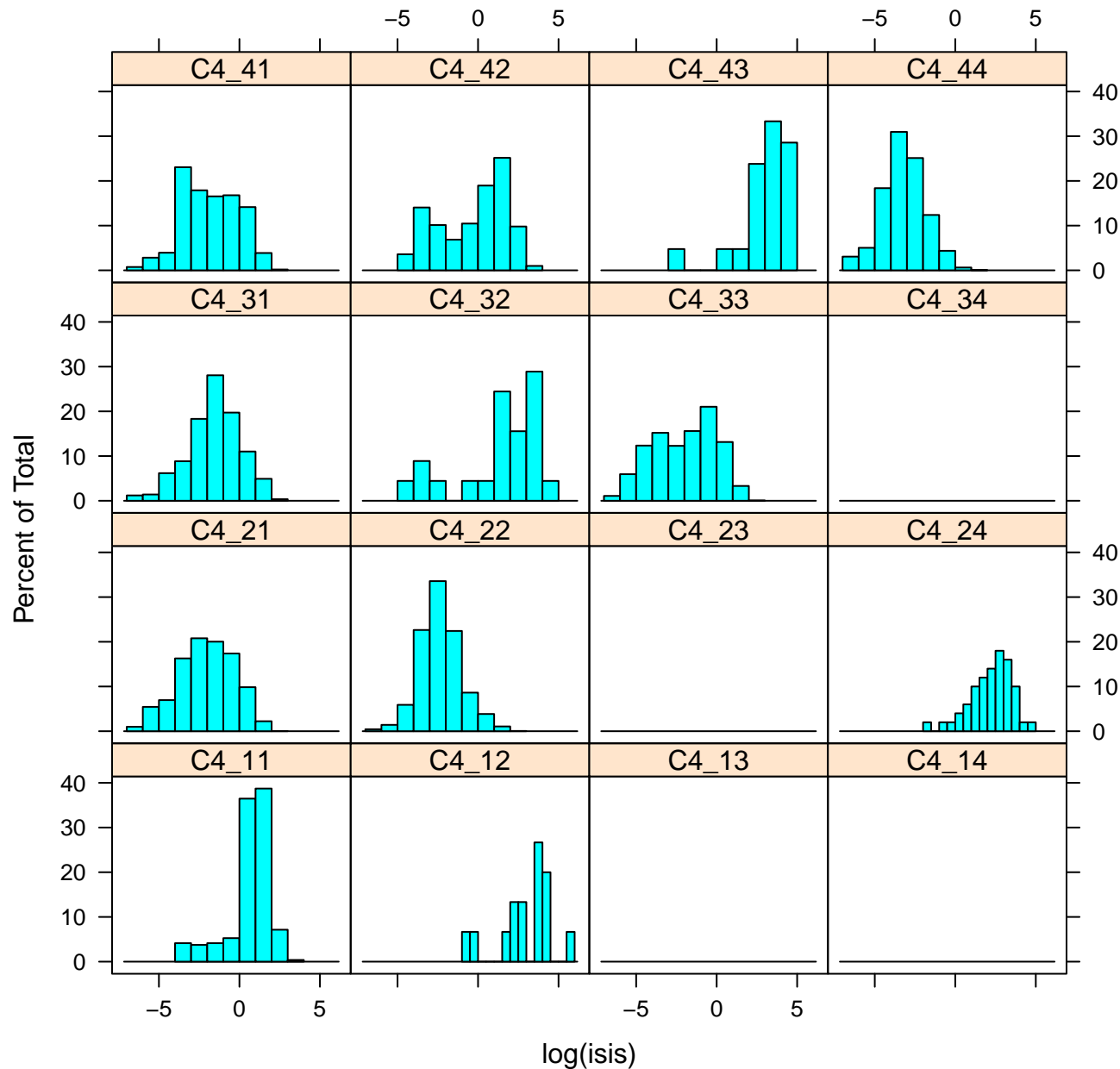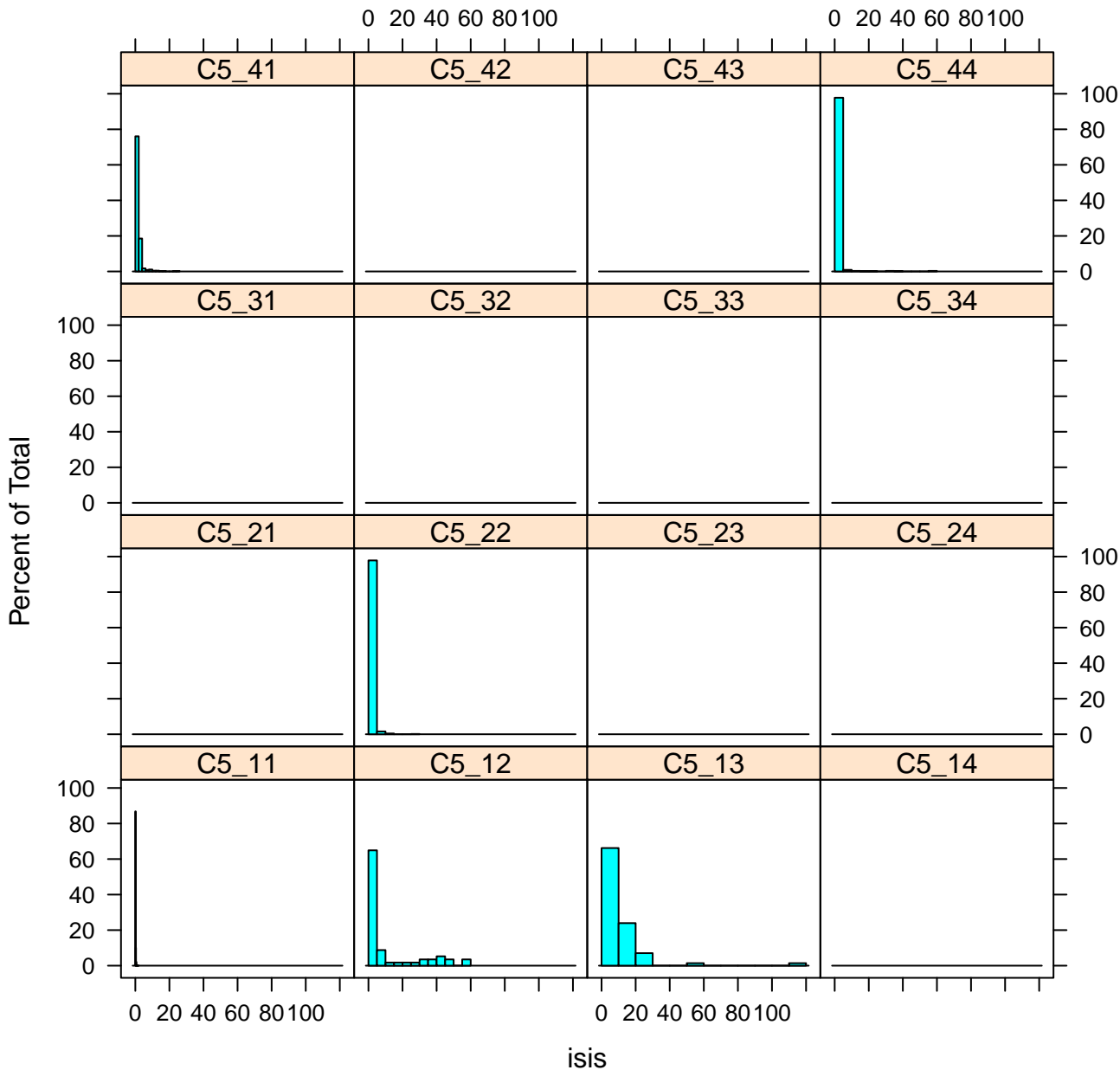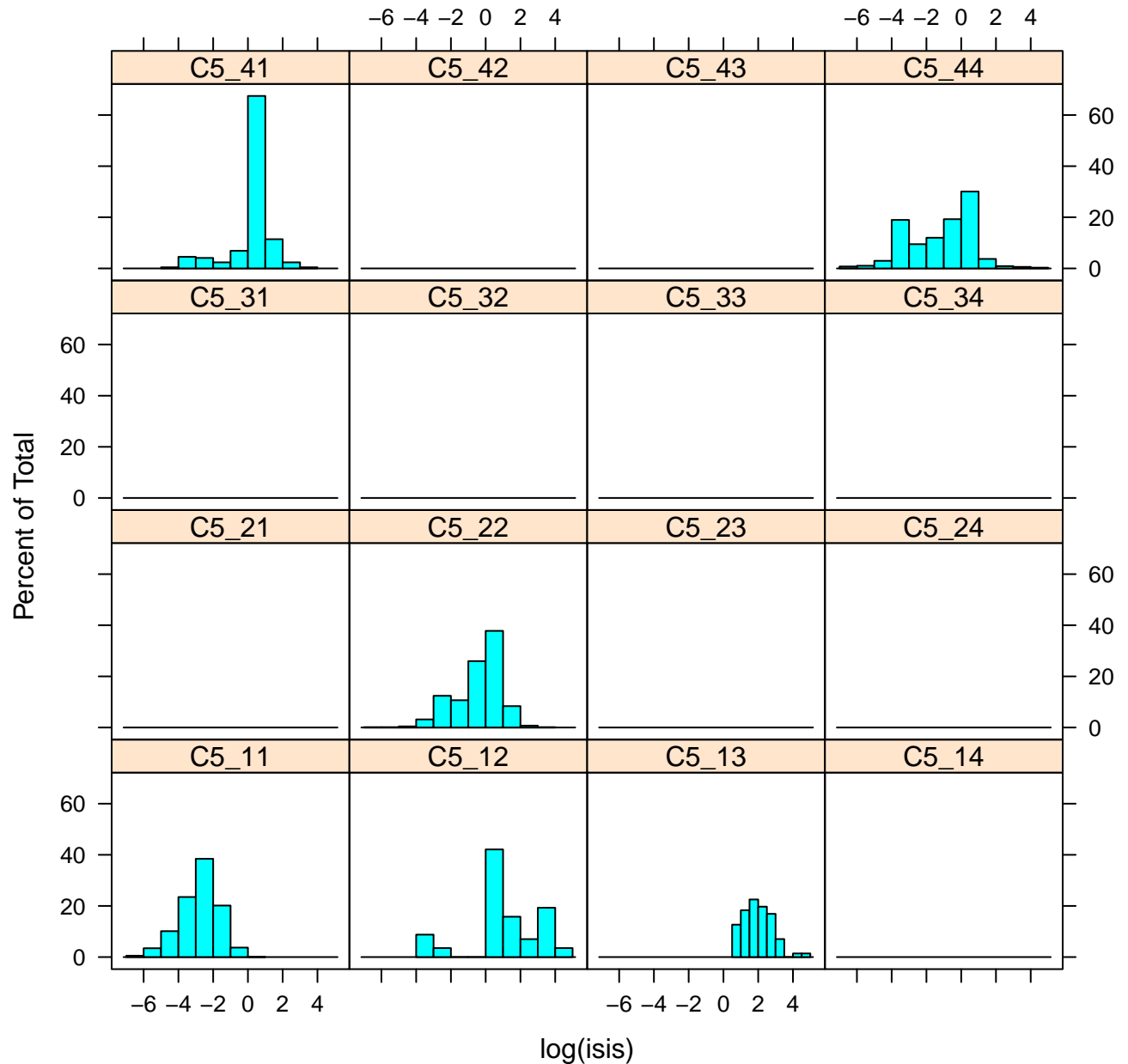
ISIs histogram plot for B6

log(ISIs) histogram plot for B6
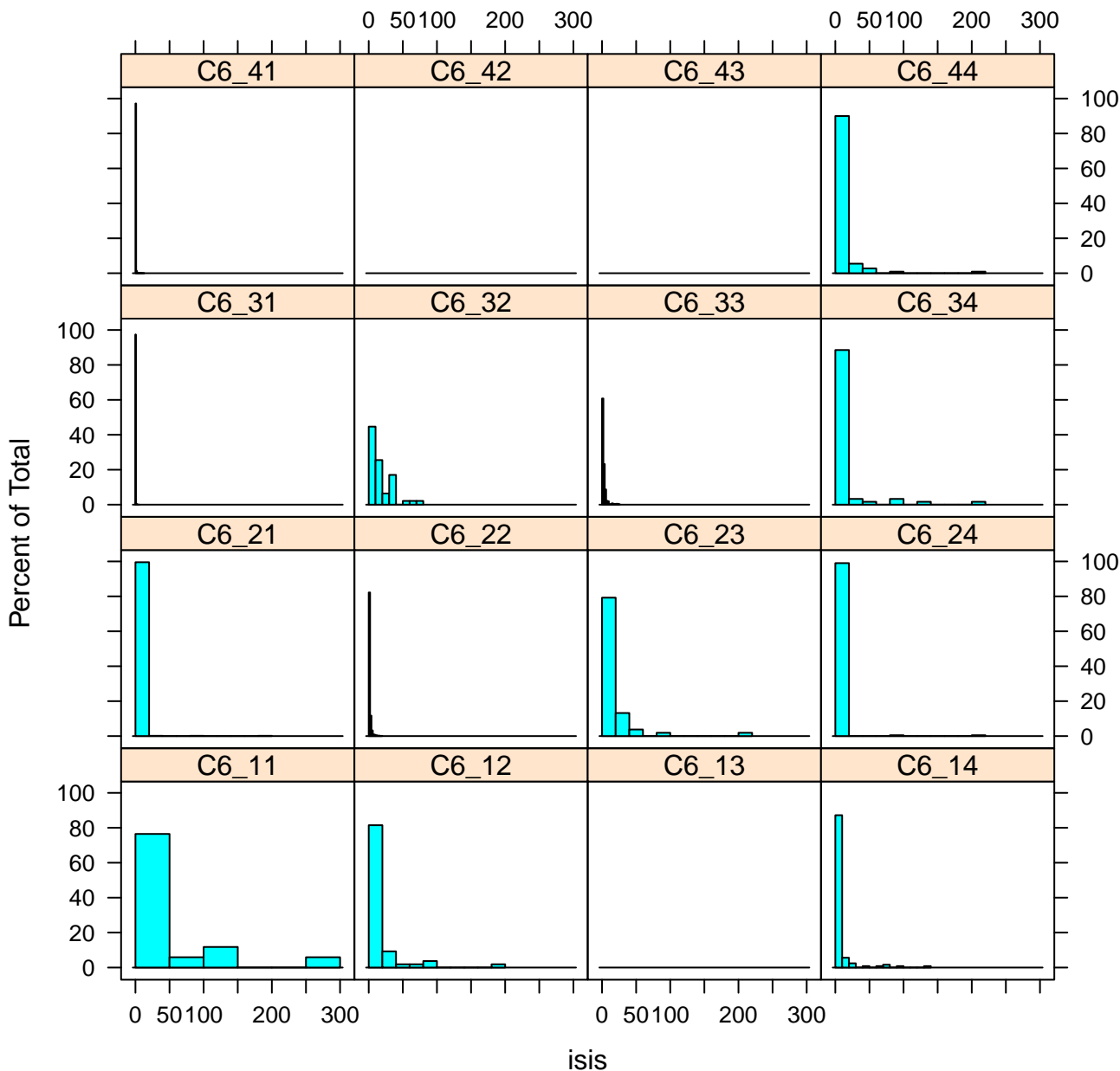
ISIs histogram plot for B7

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

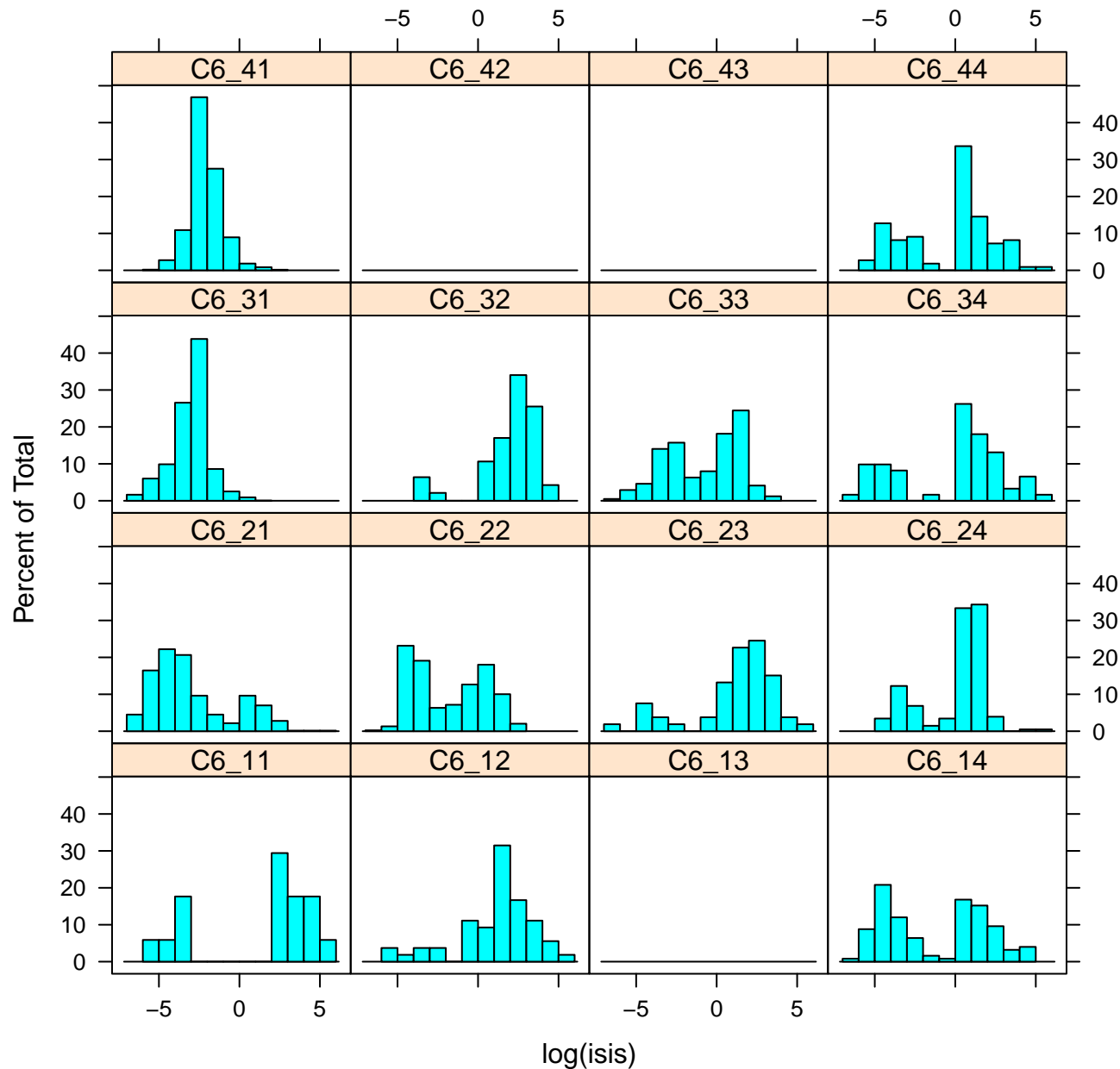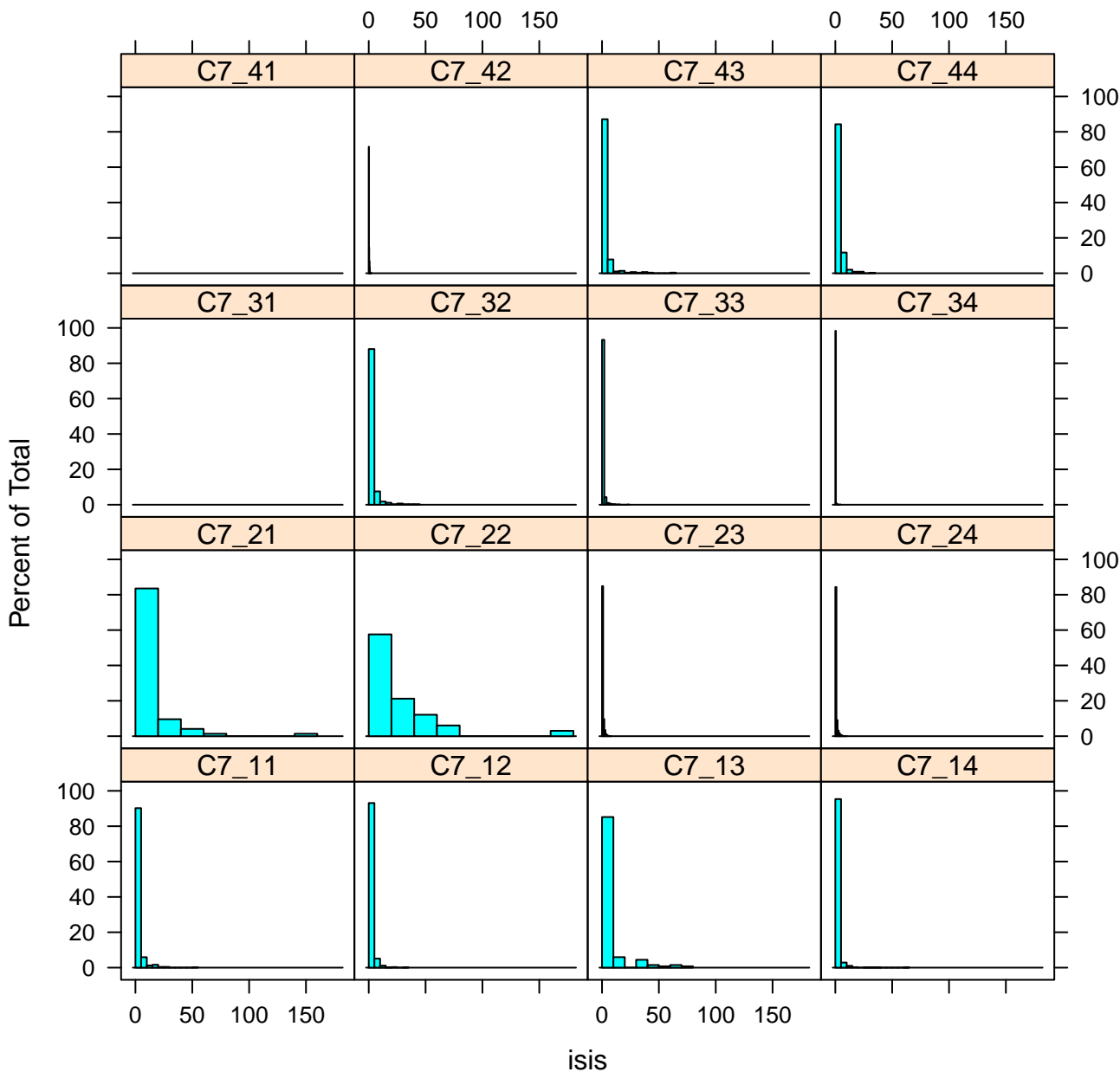**log(ISIs) histogram plot for C4**

ISIs histogram plot for C5

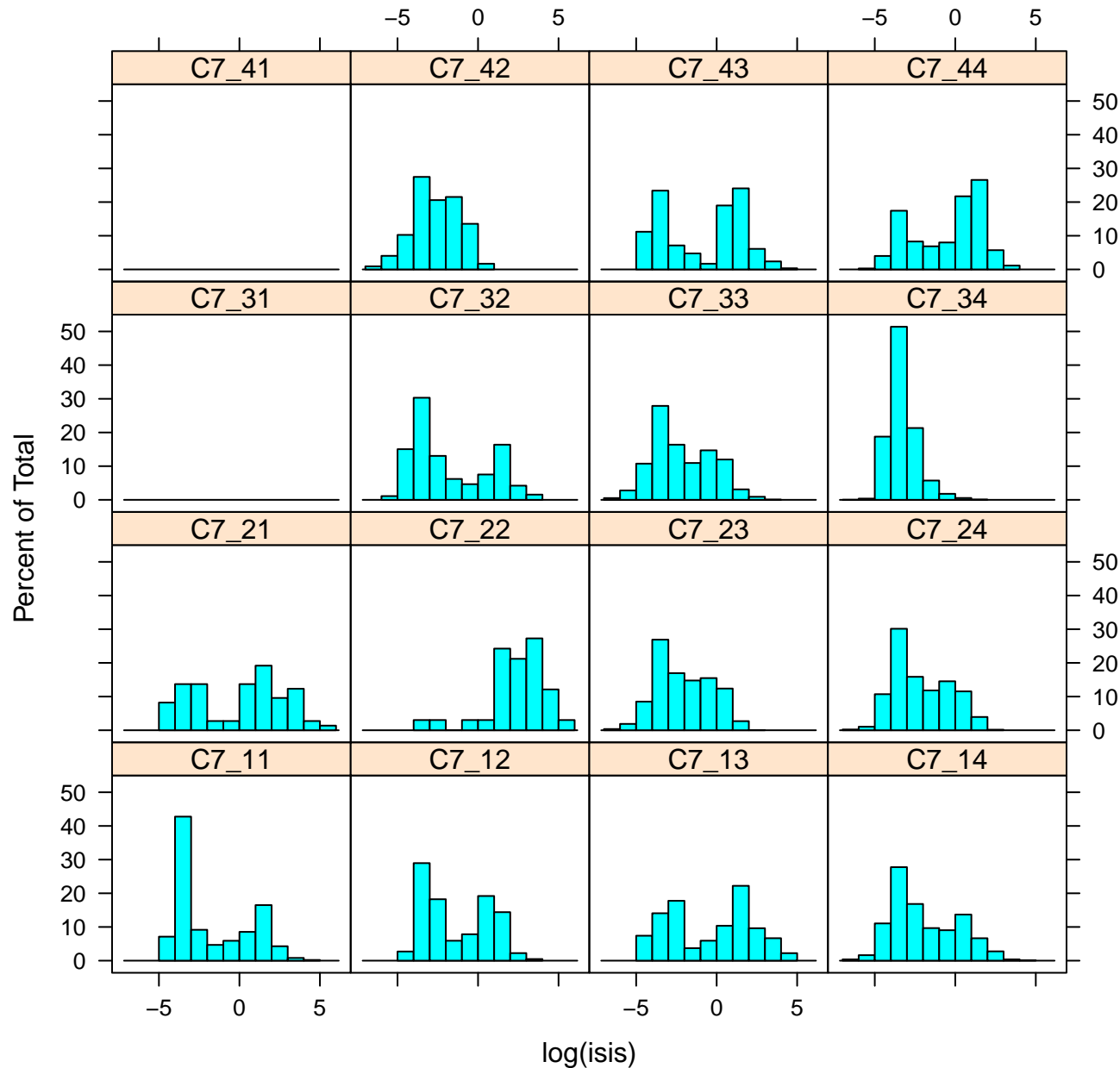**log(ISIs) histogram plot for C5**

ISIs histogram plot for C6
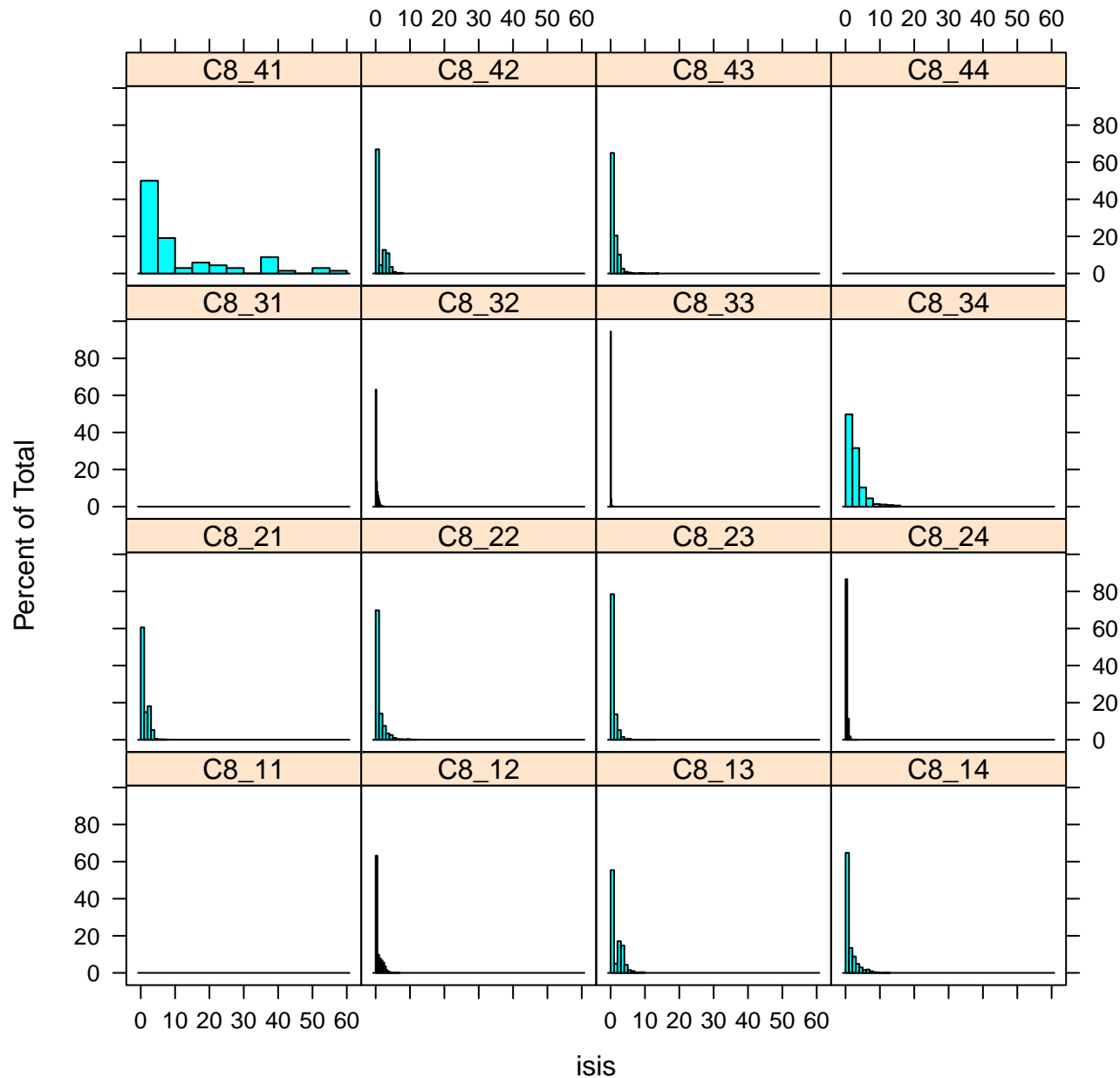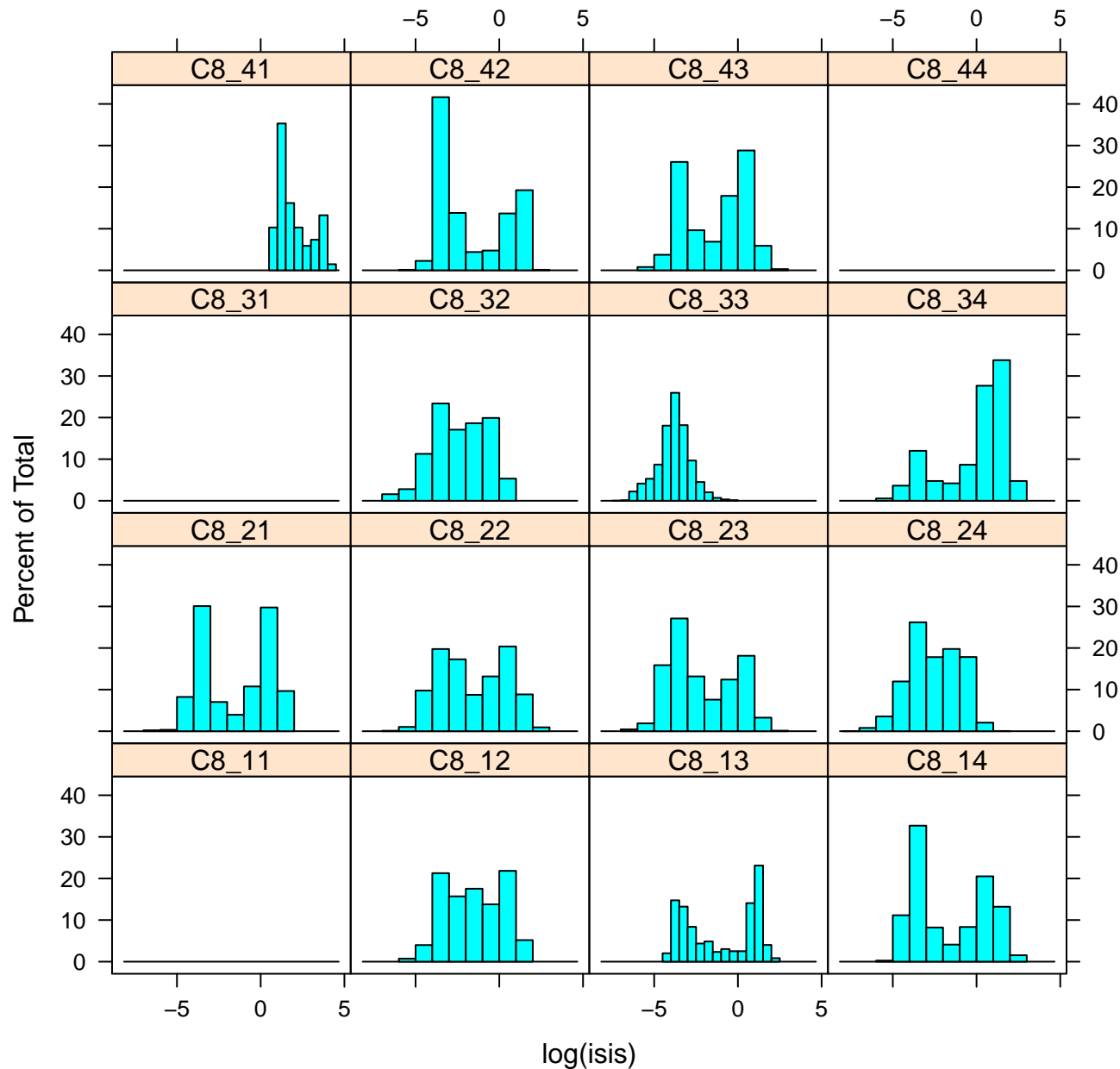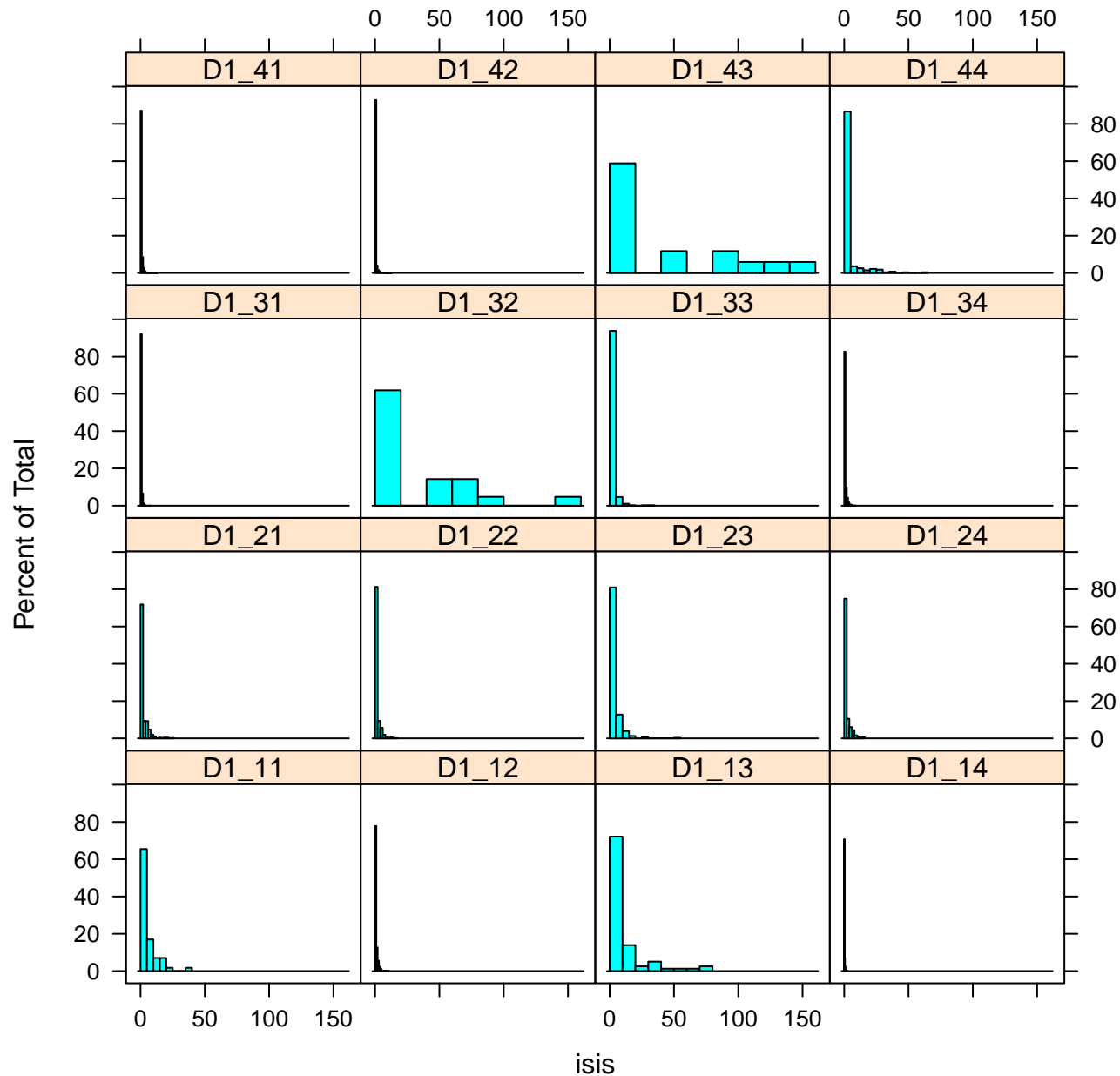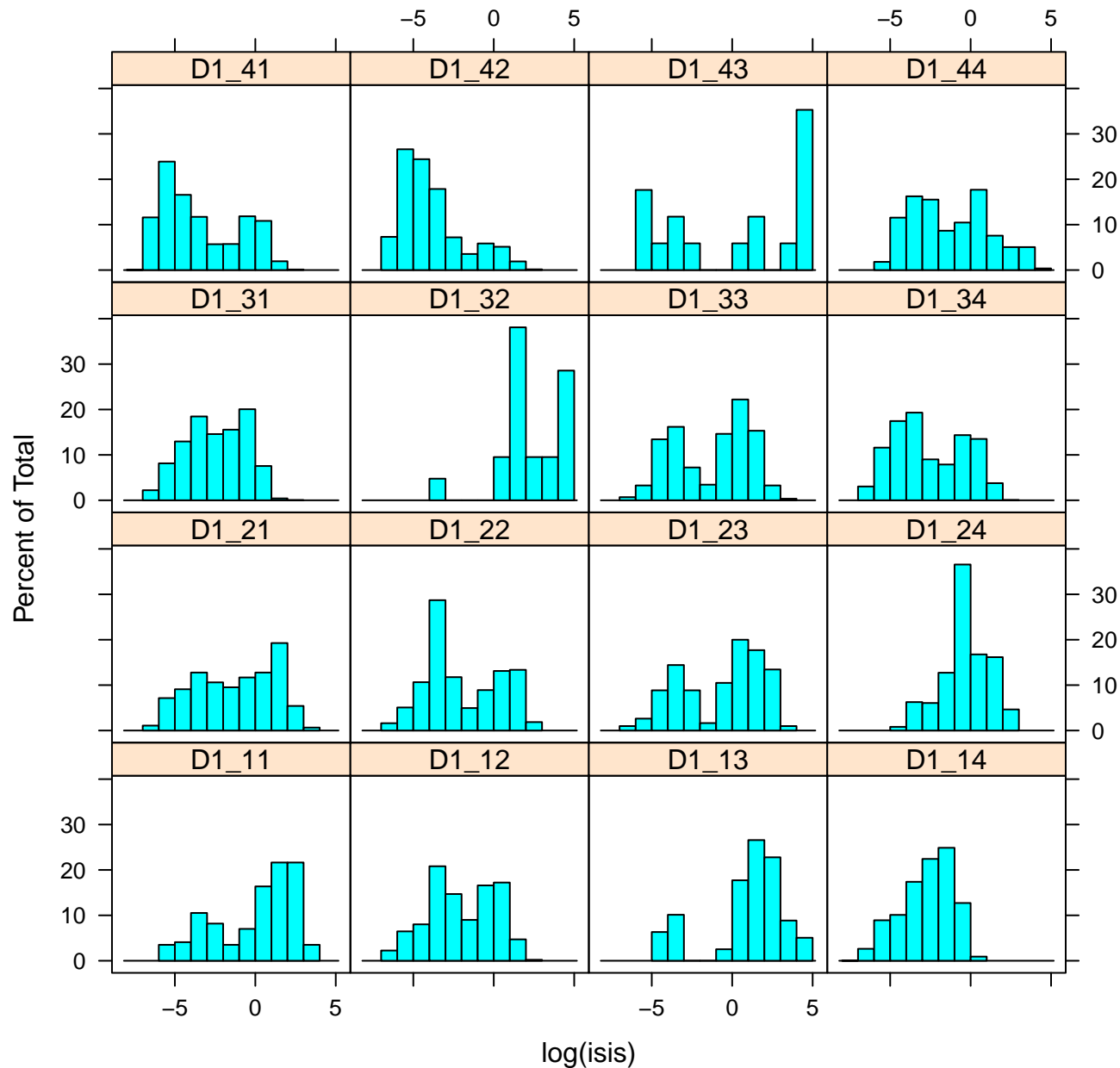
log(ISIs) histogram plot for C6

ISIs histogram plot for C7

log(ISIs) histogram plot for C7

ISIs histogram plot for C8
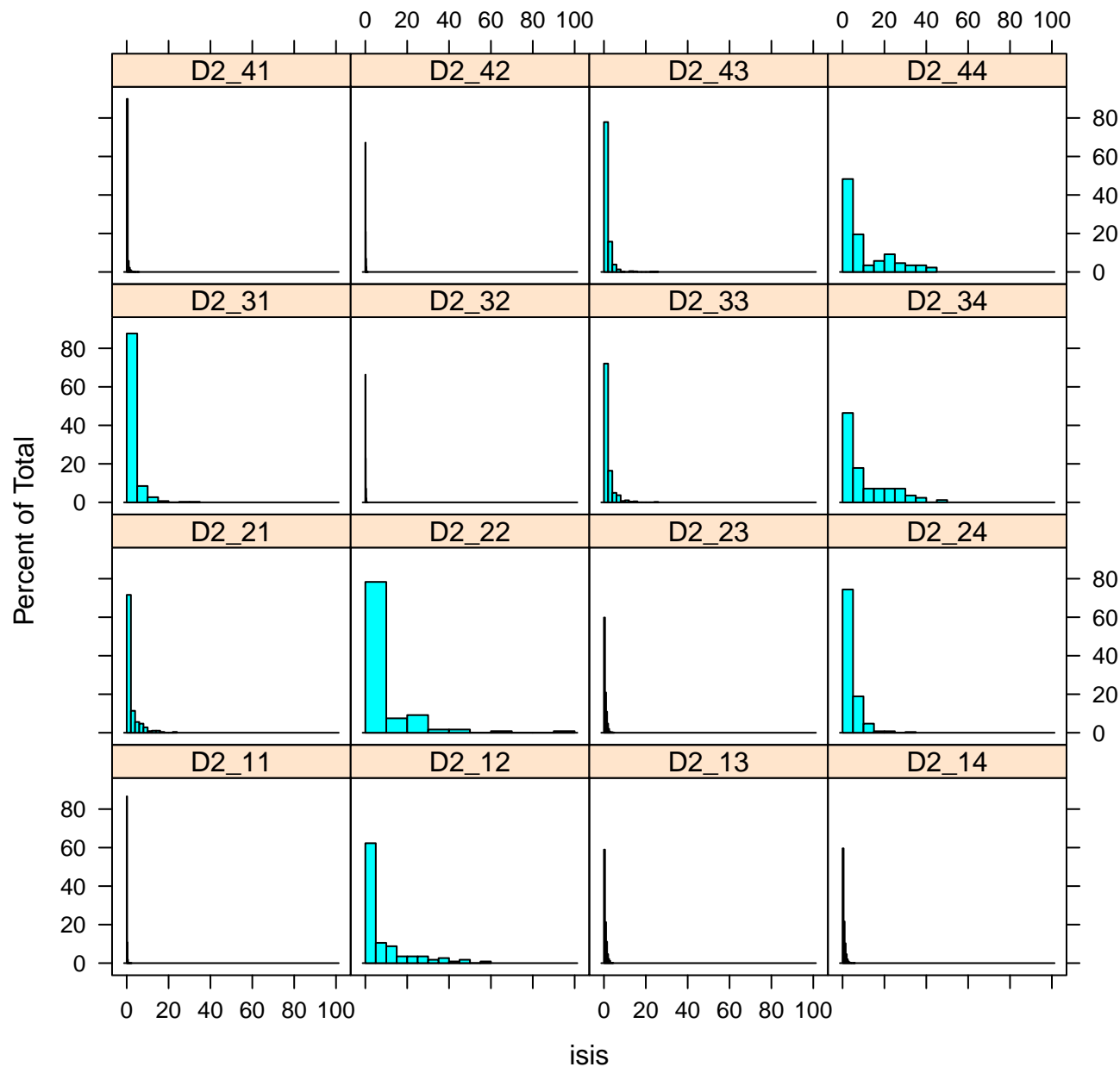
log(ISIs) histogram plot for C8

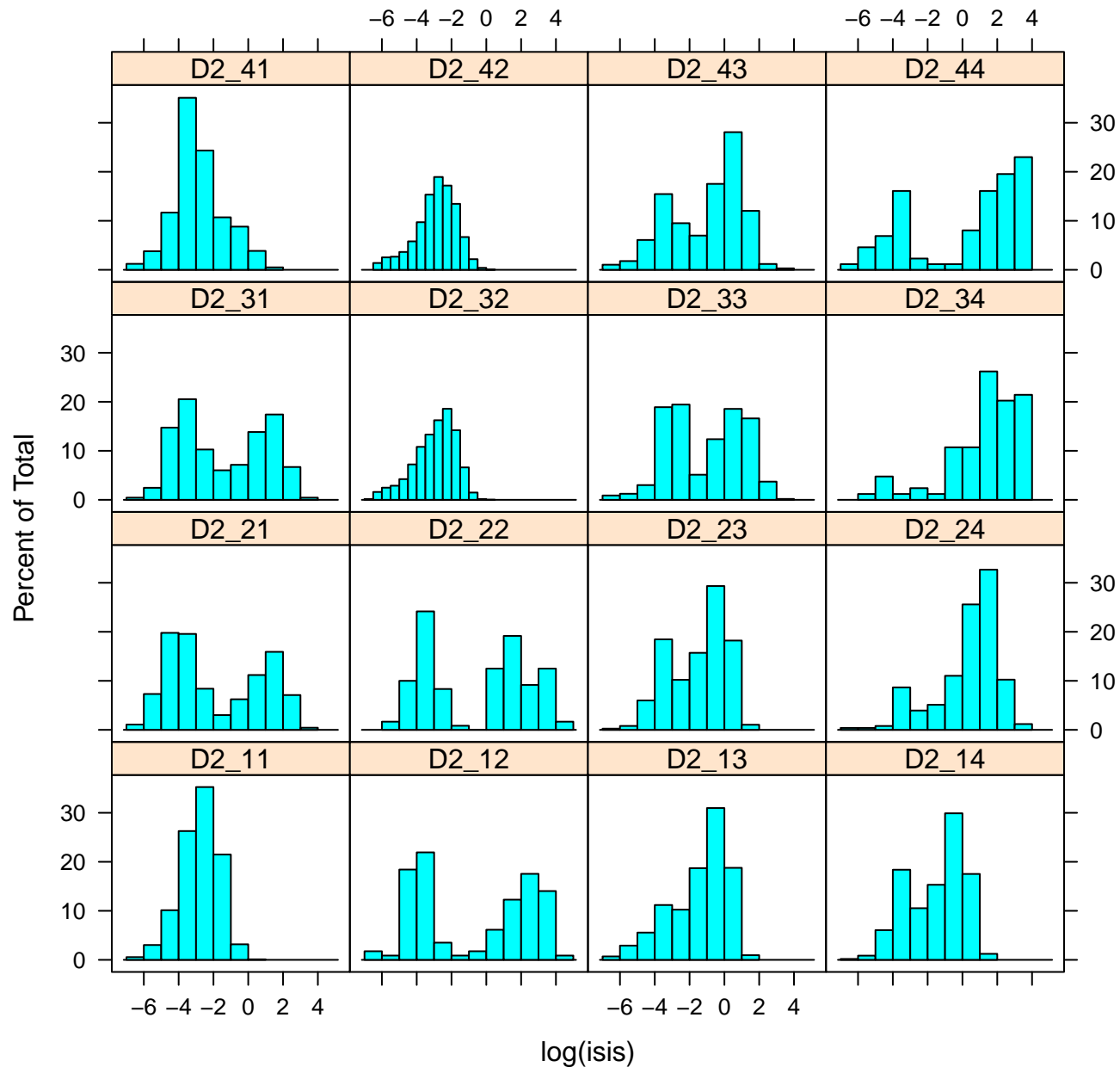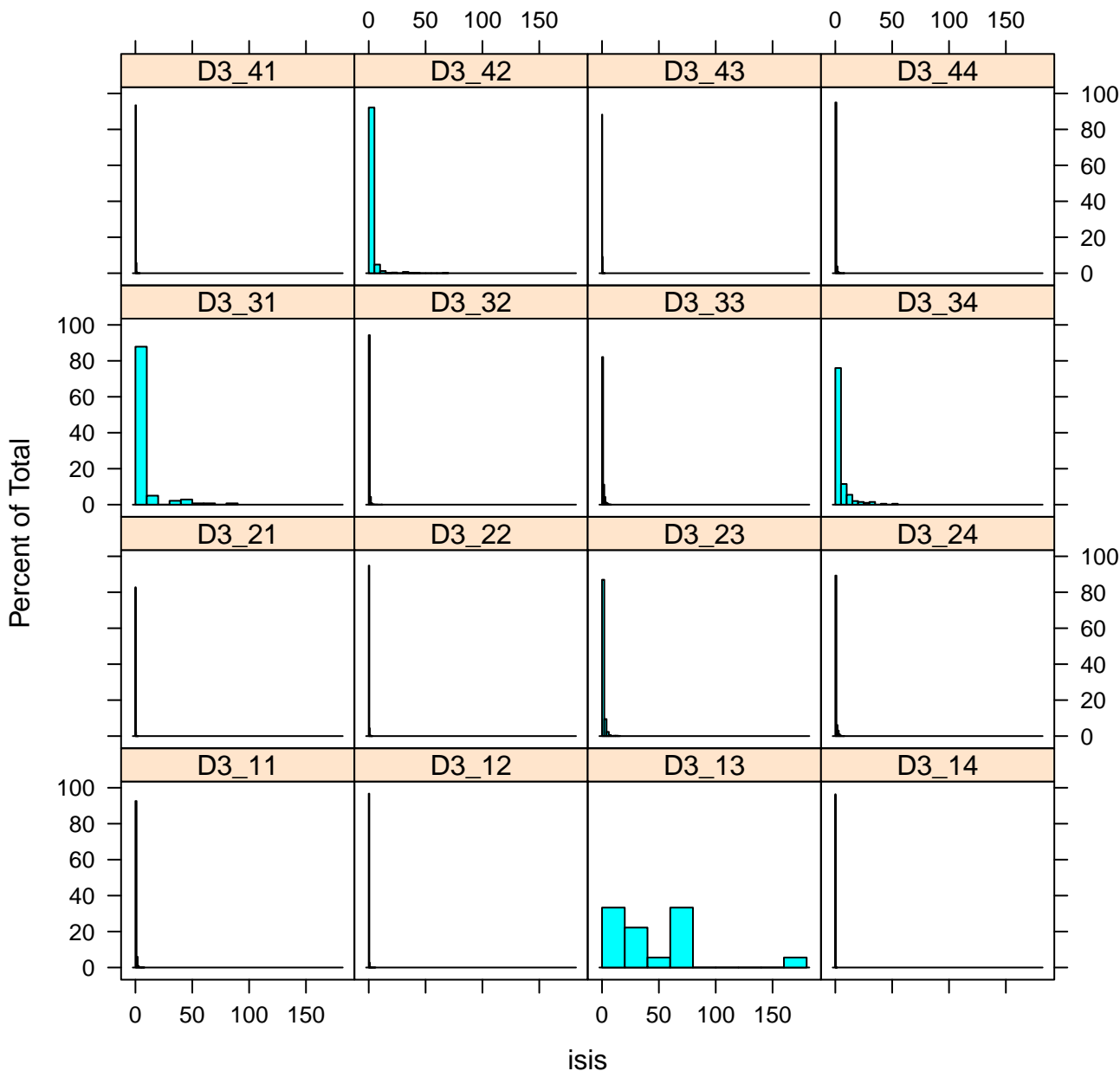**ISIs histogram plot for D1**

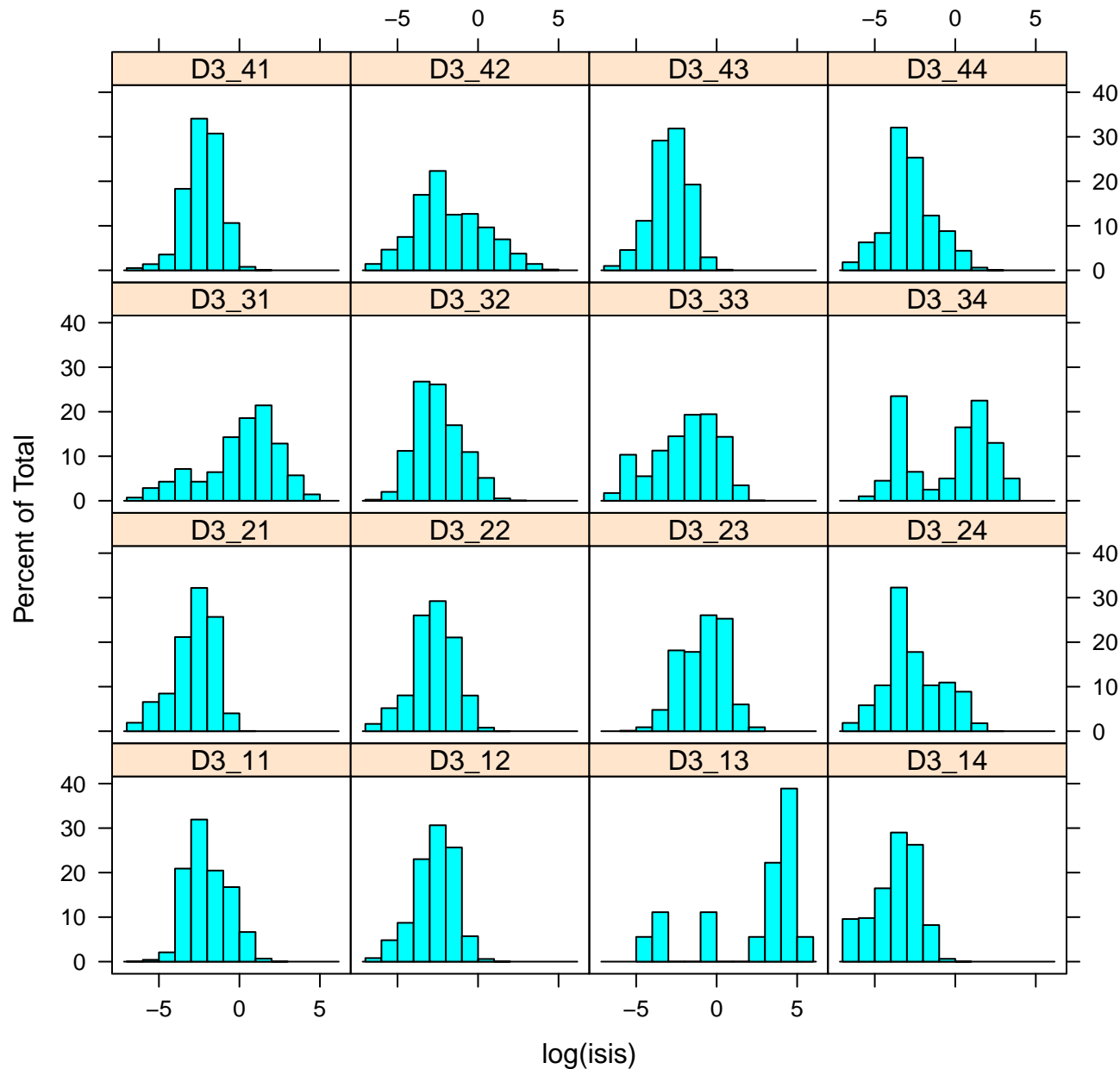log(ISIs) histogram plot for D1

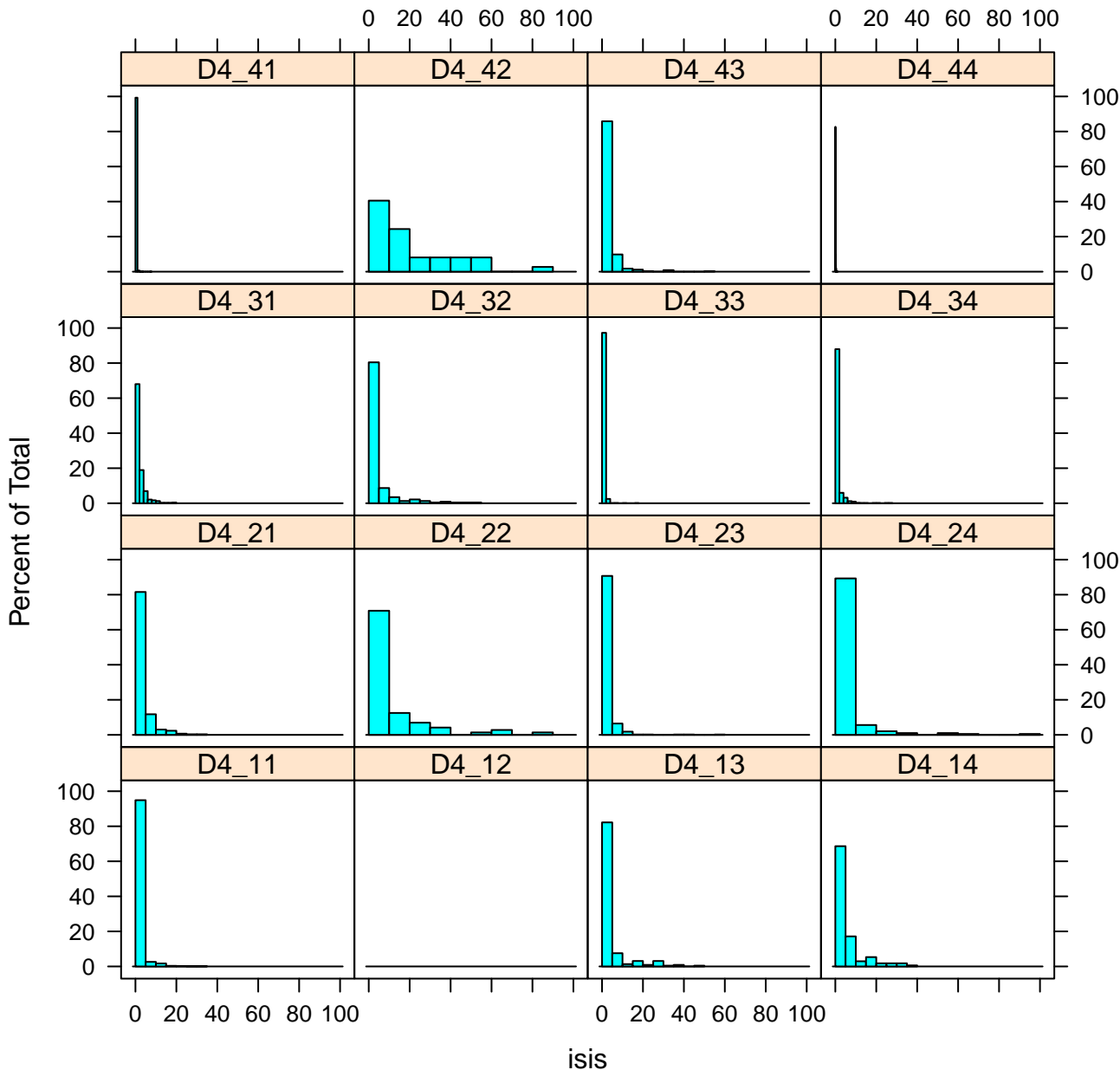ISIs histogram plot for D2

log(ISIs) histogram plot for D2

ISIs histogram plot for D3

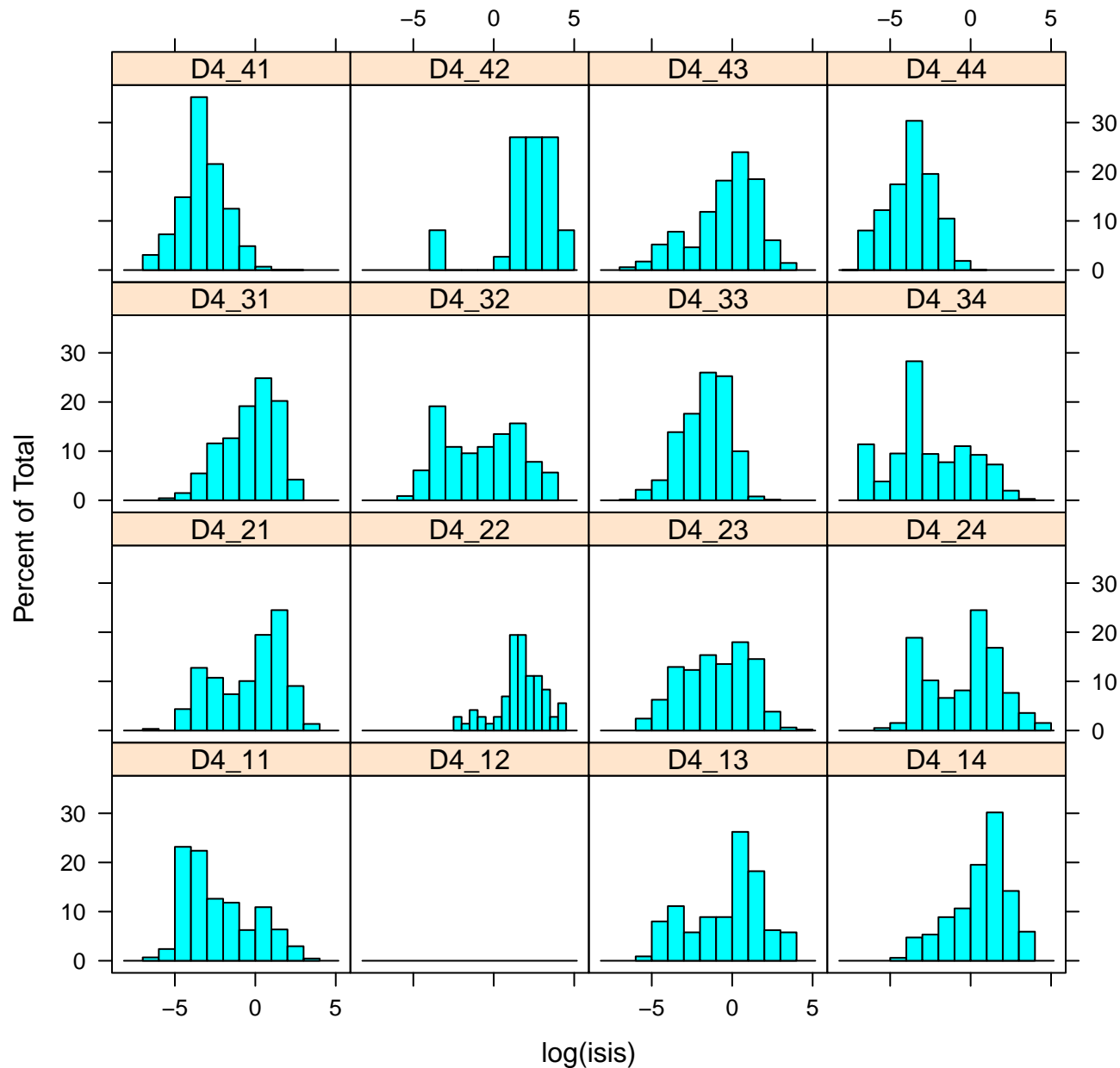log(ISIs) histogram plot for D3
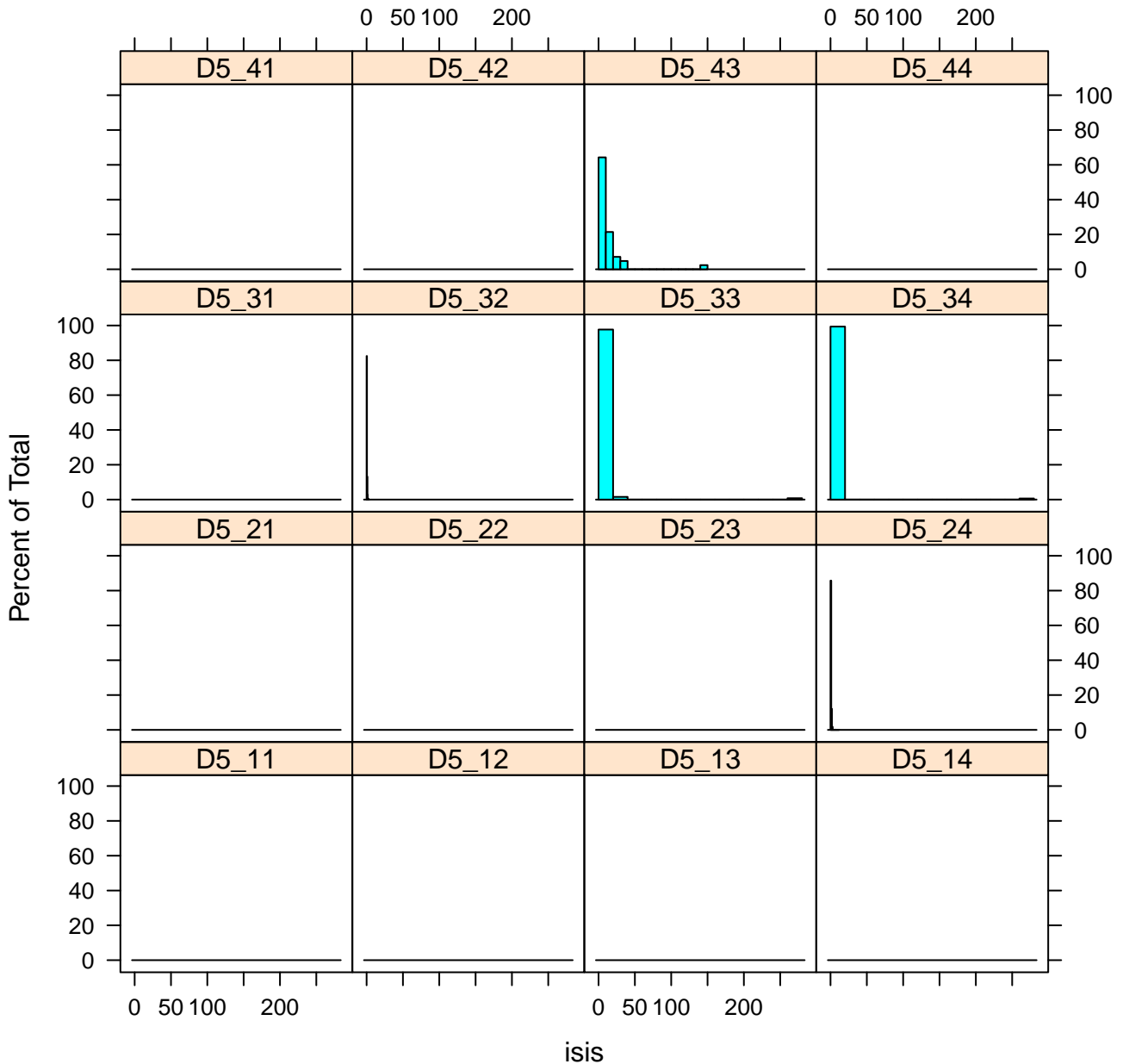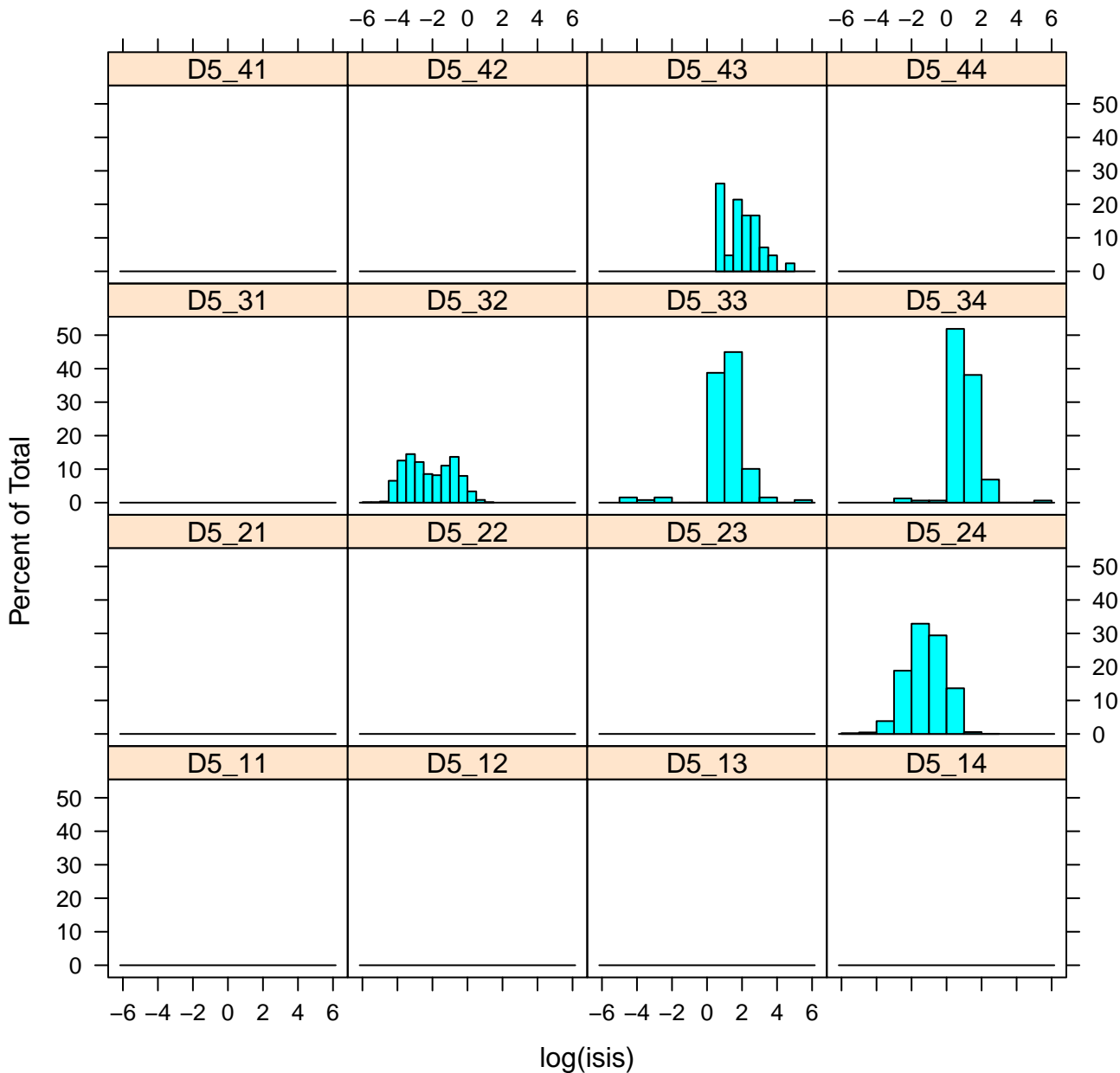
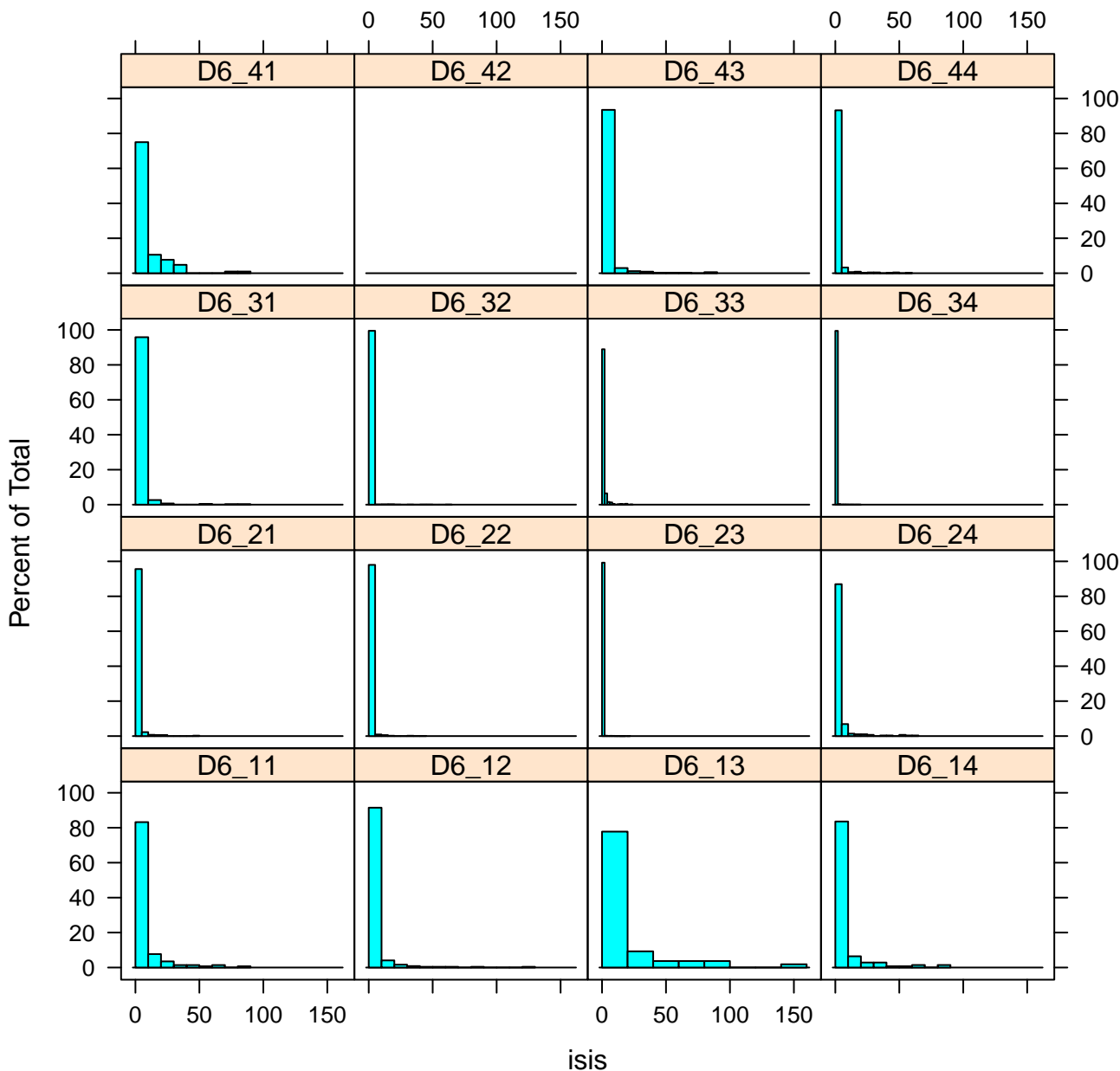ISIs histogram plot for D4

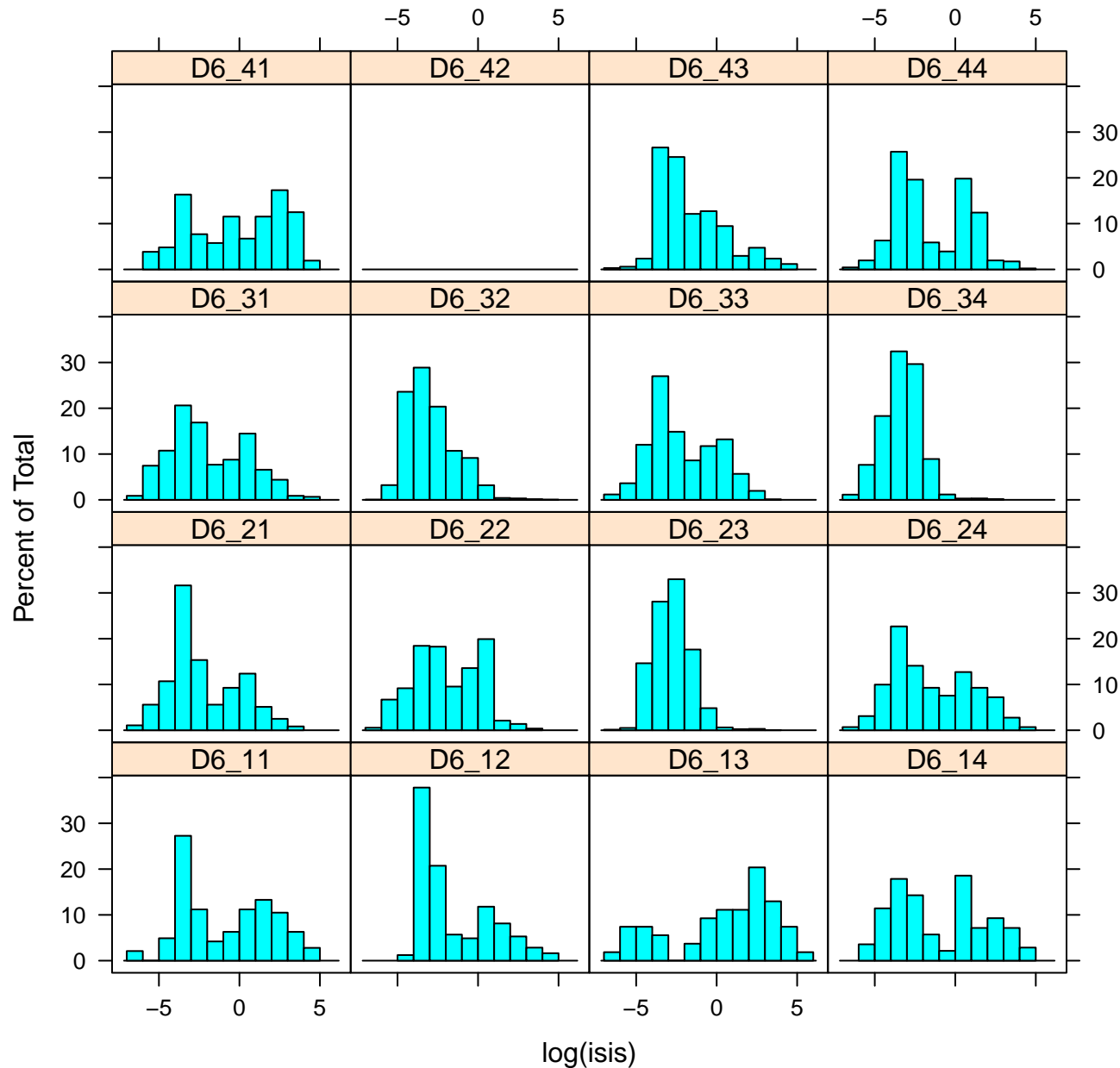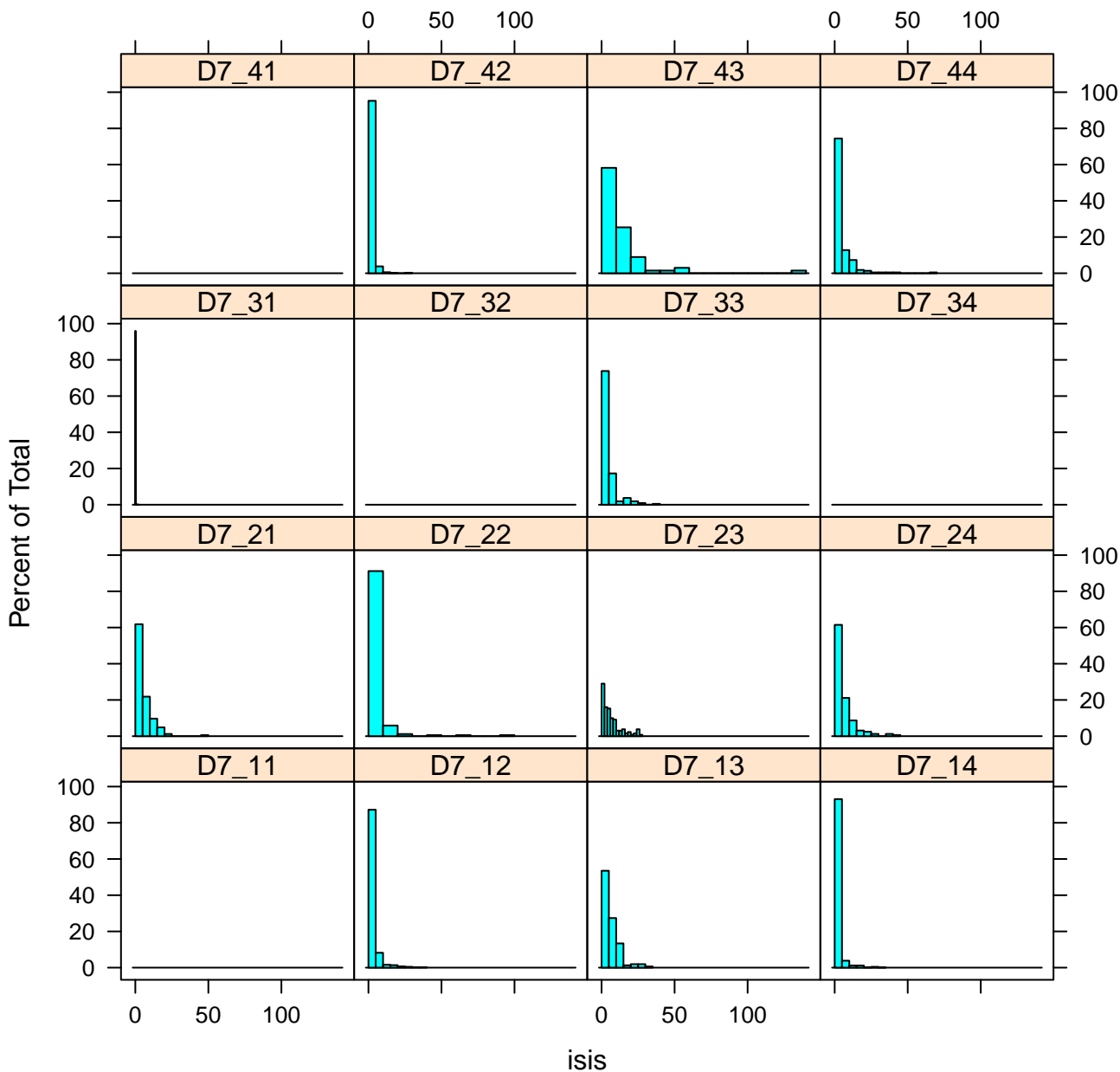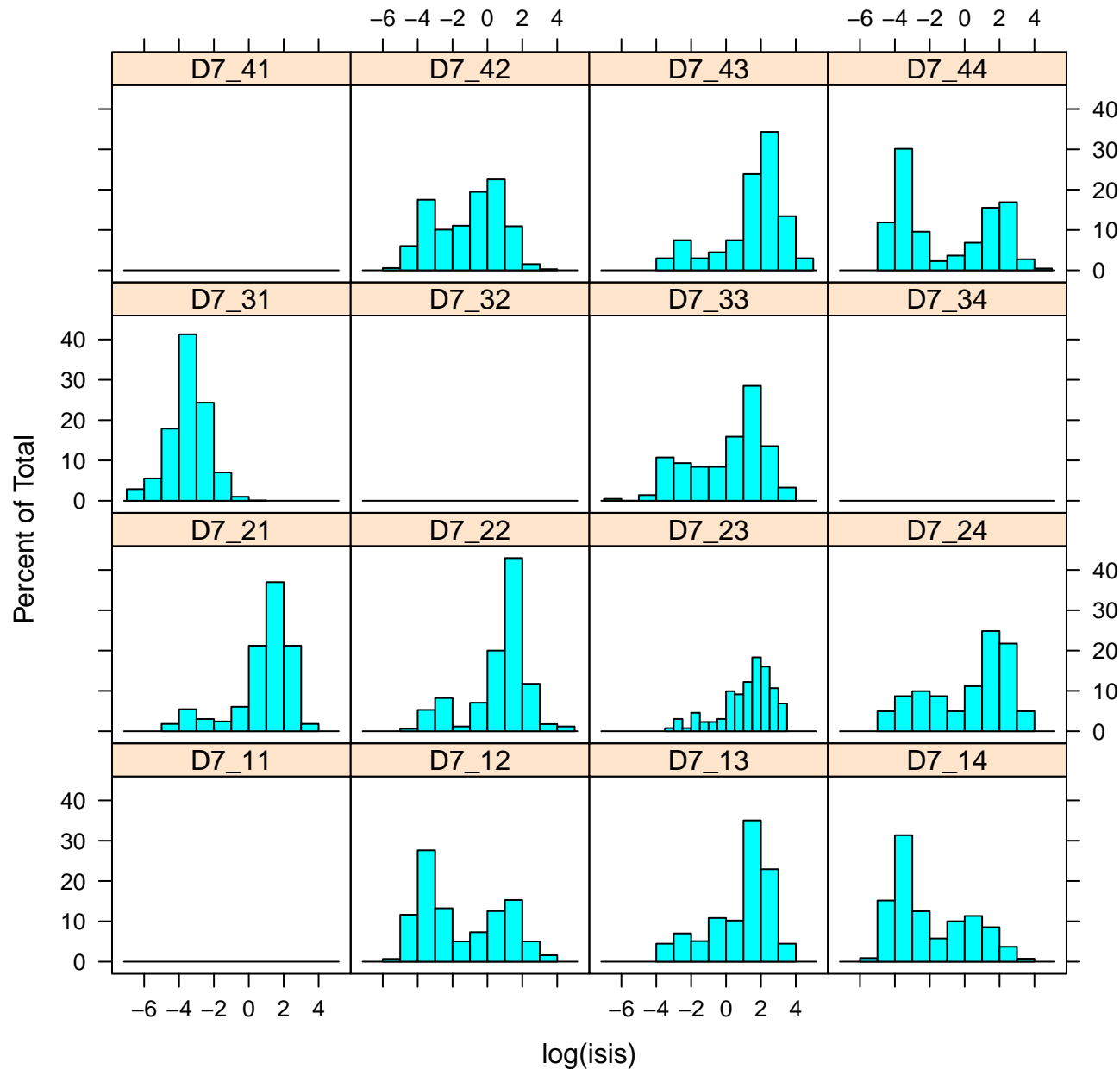log(ISIs) histogram plot for D4

ISIs histogram plot for D5

log(ISIs) histogram plot for D5

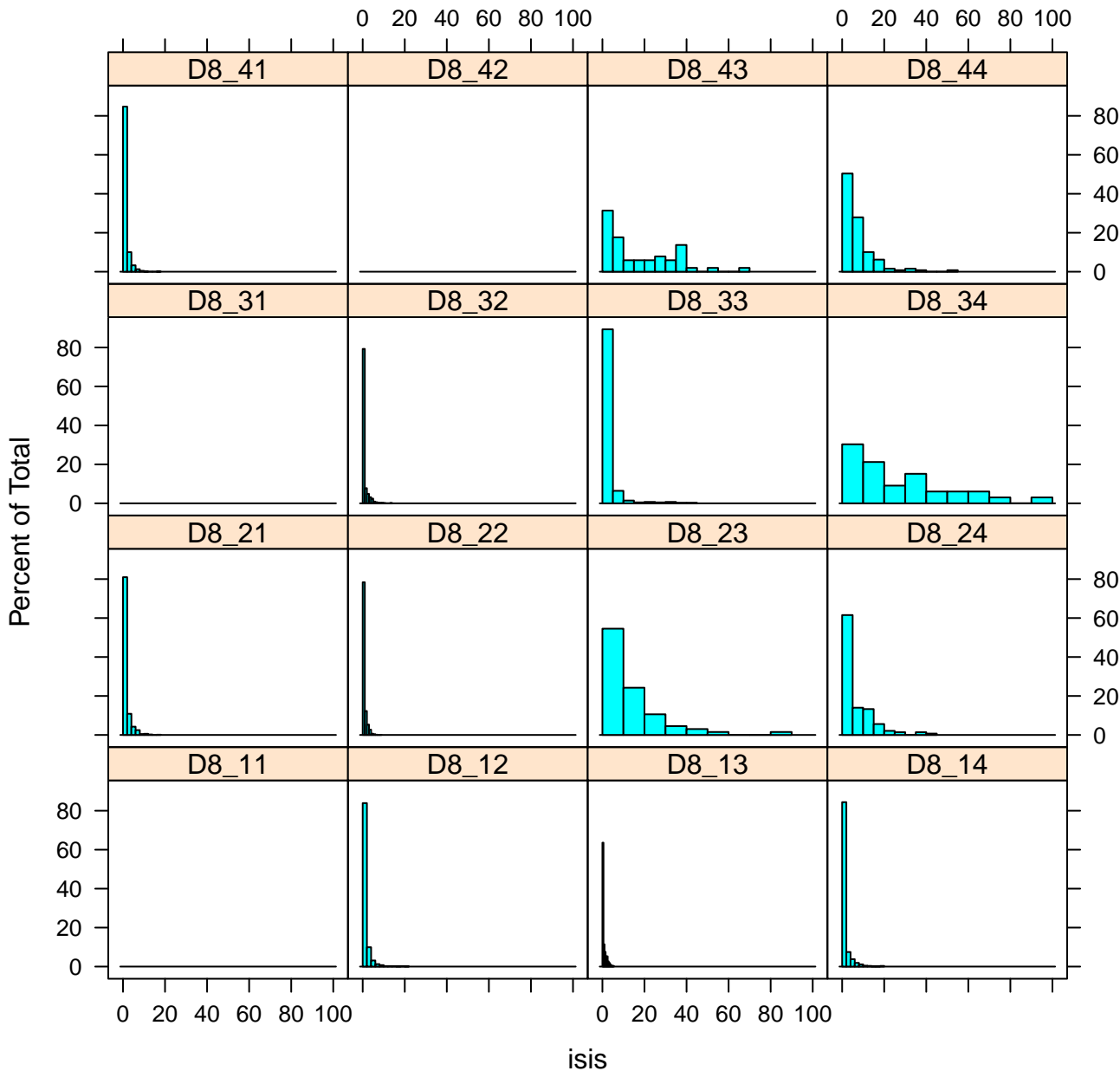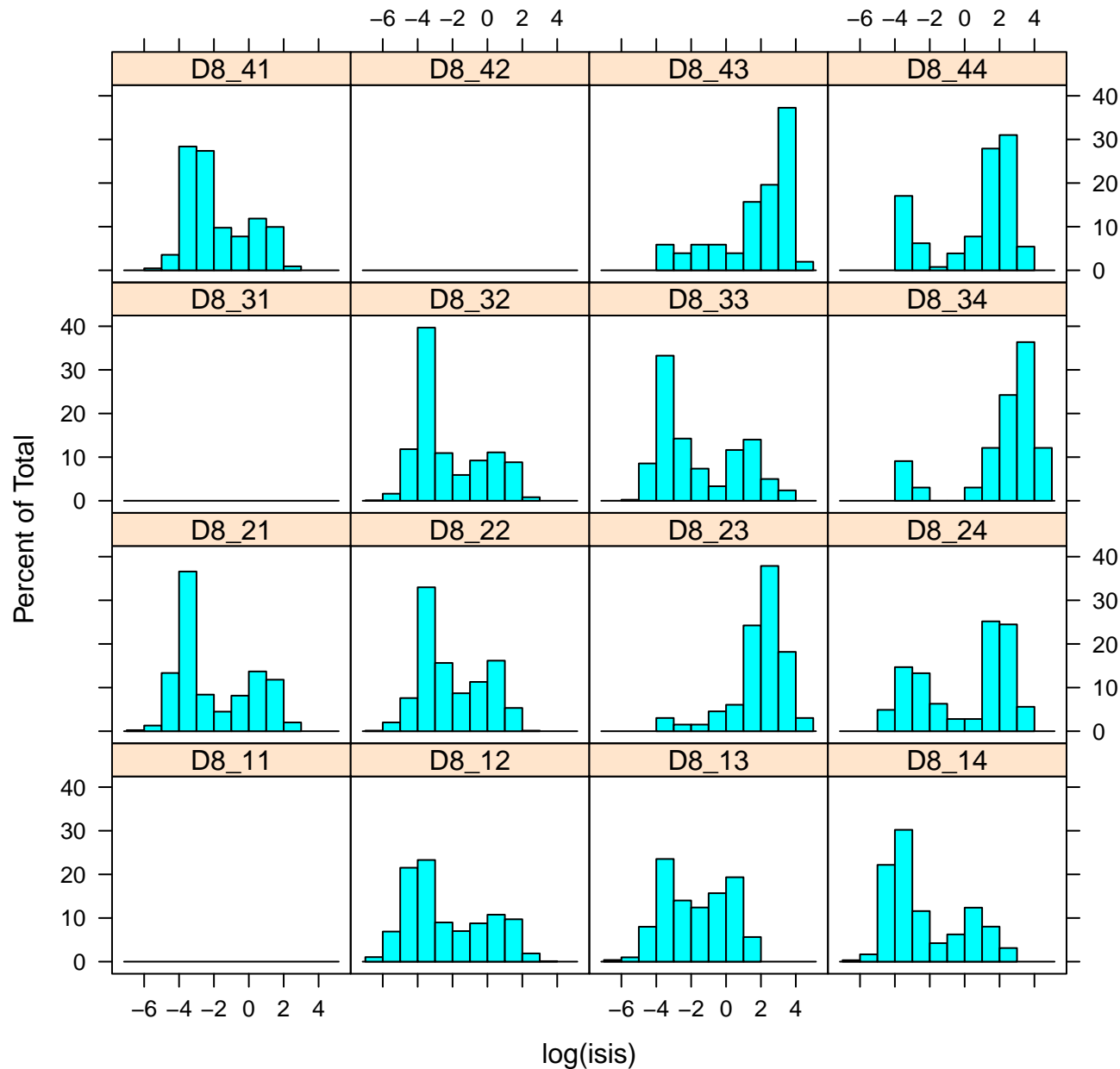ISIs histogram plot for D6

log(ISIs) histogram plot for D6

ISIs histogram plot for D7

log(ISIs) histogram plot for D7
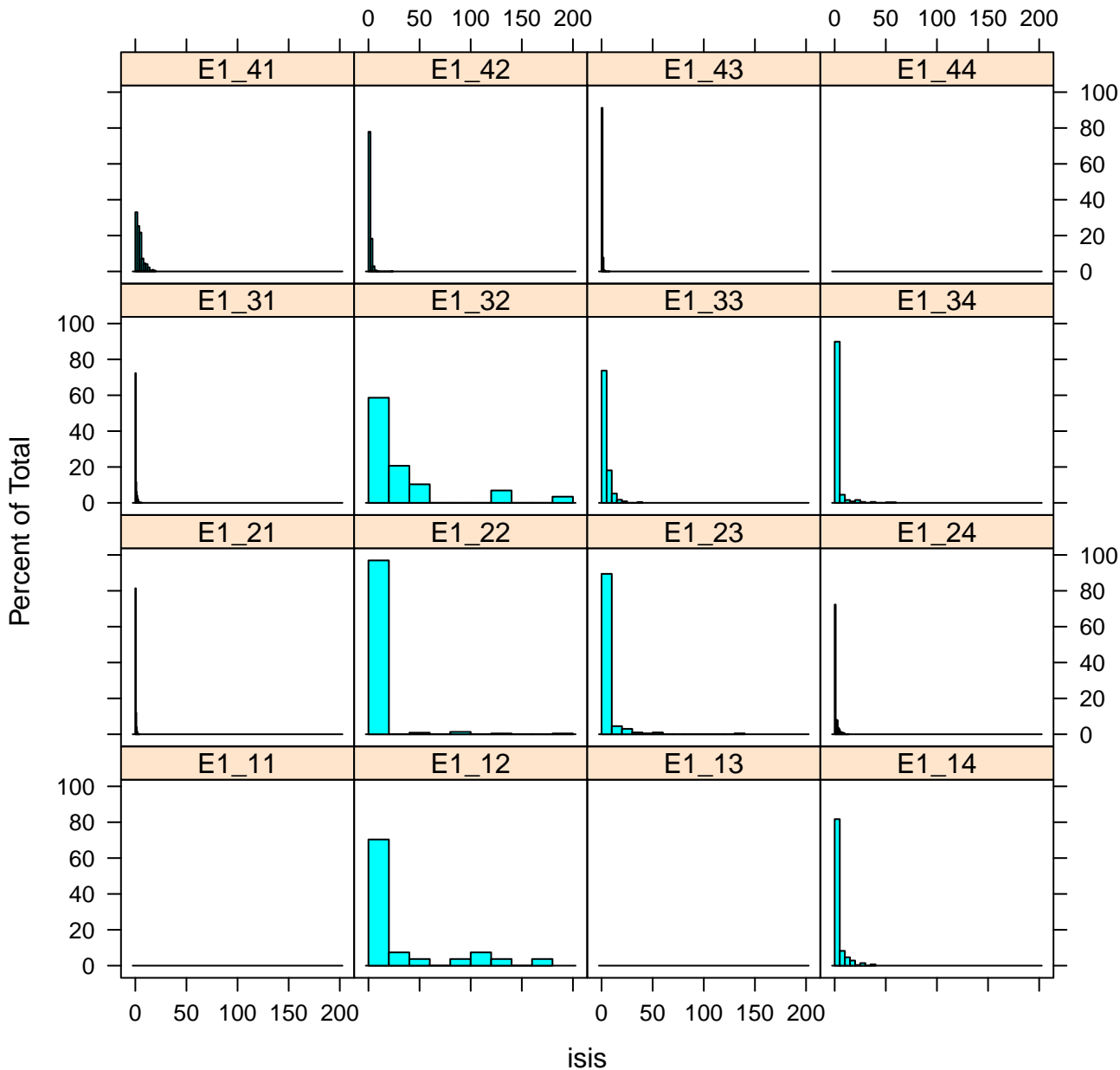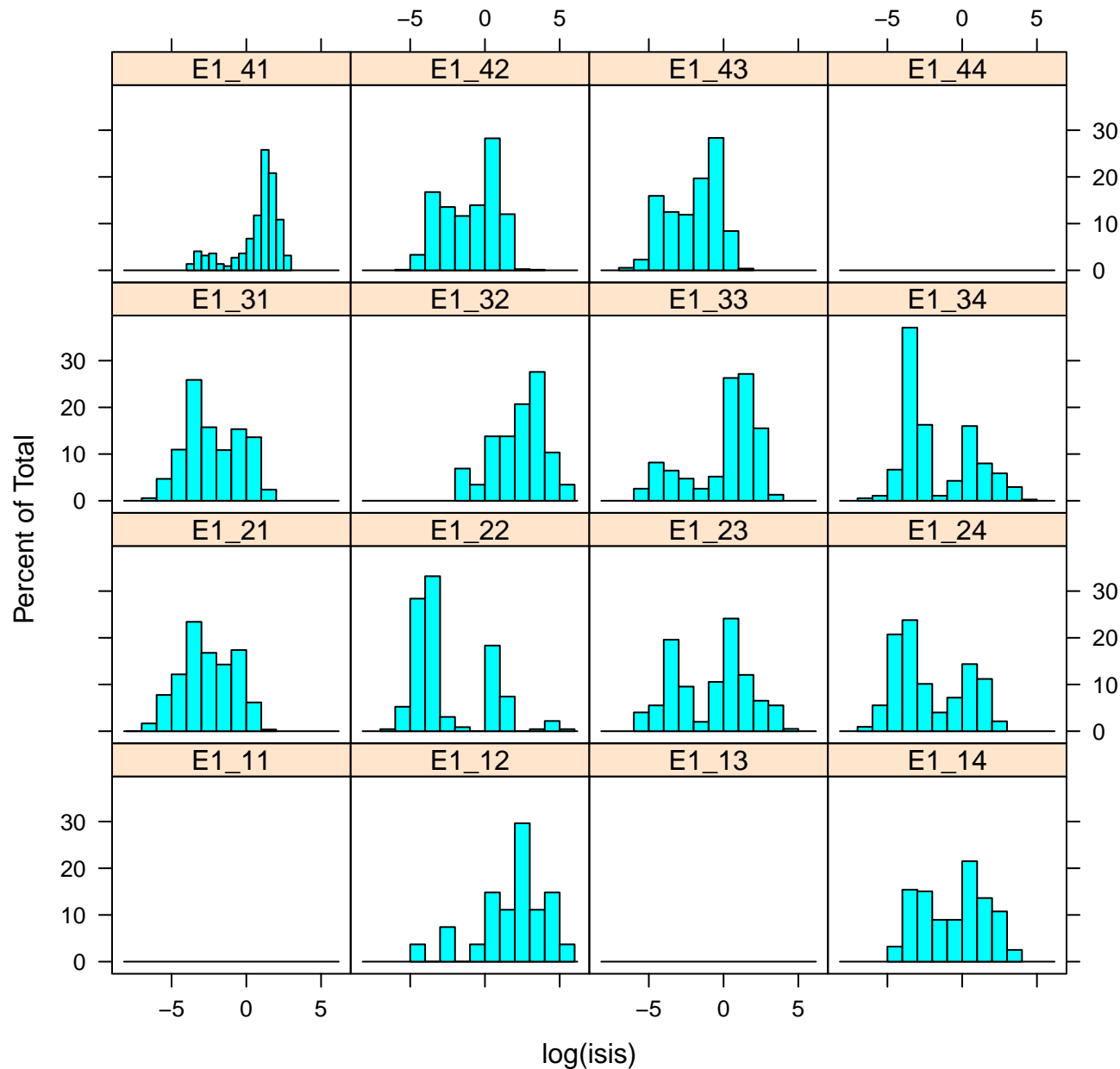
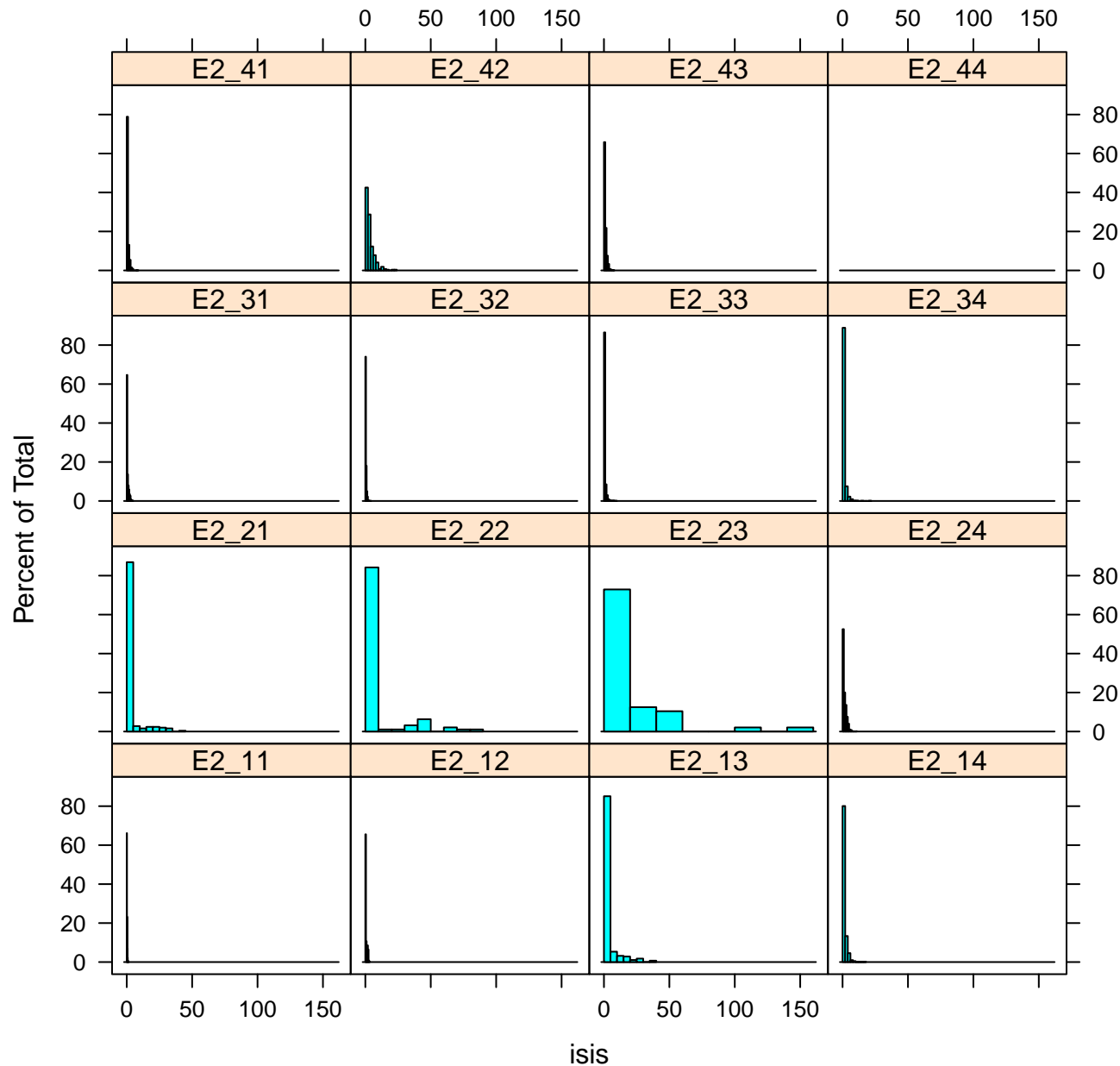ISIs histogram plot for D8

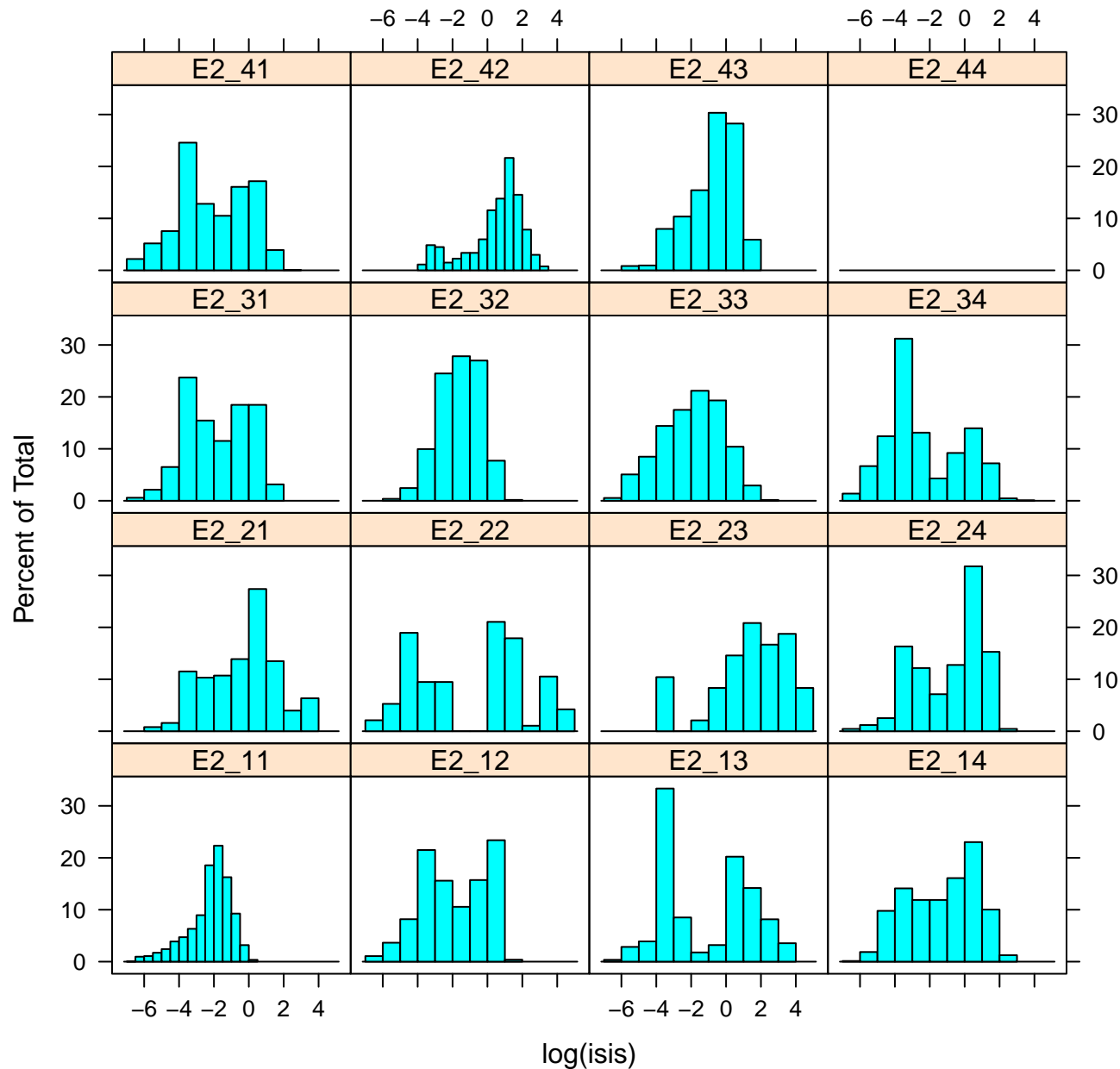log(ISIs) histogram plot for D8

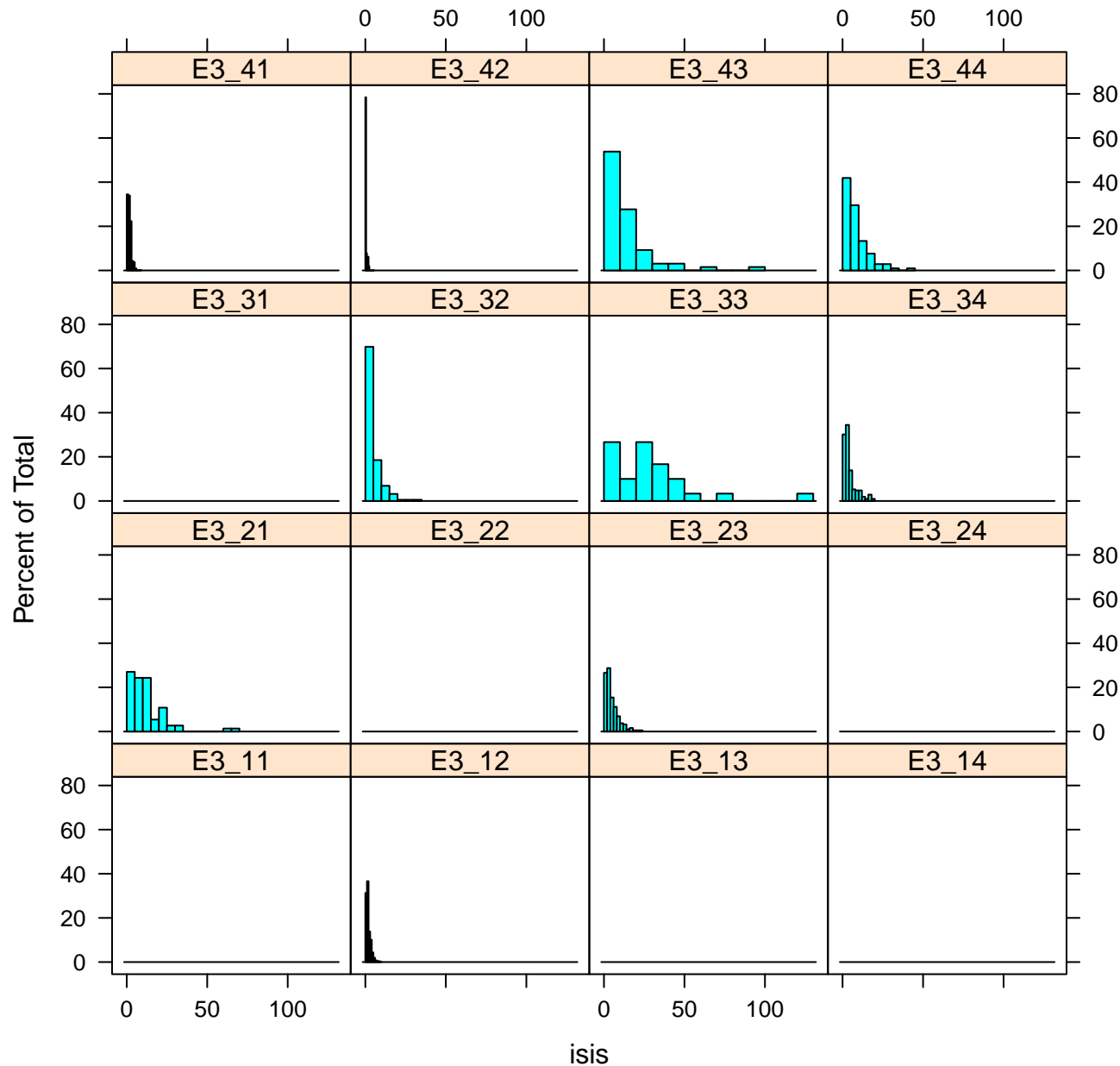ISIs histogram plot for E1

log(ISIs) histogram plot for E1
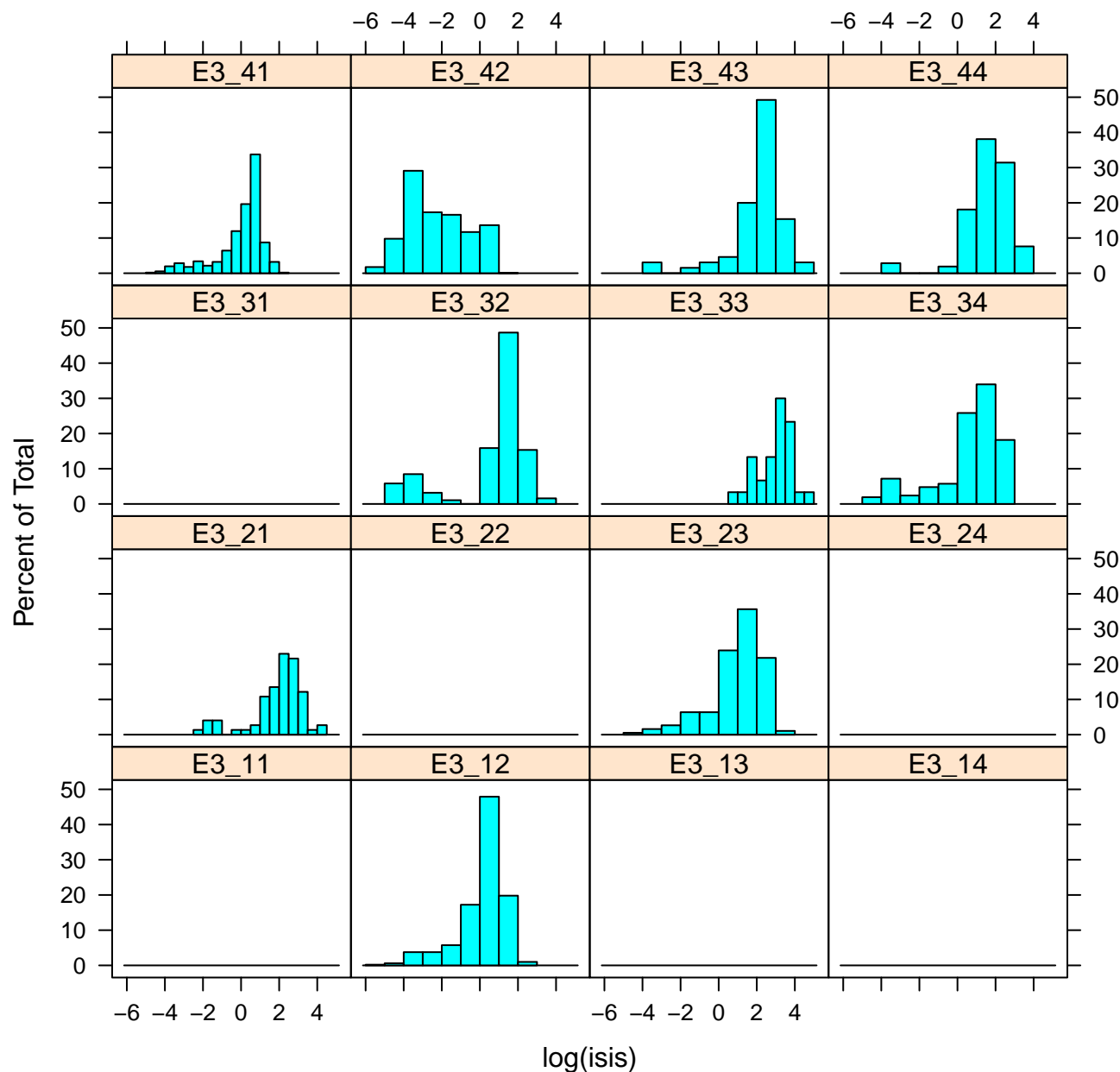
ISIs histogram plot for E2

log(ISIs) histogram plot for E2
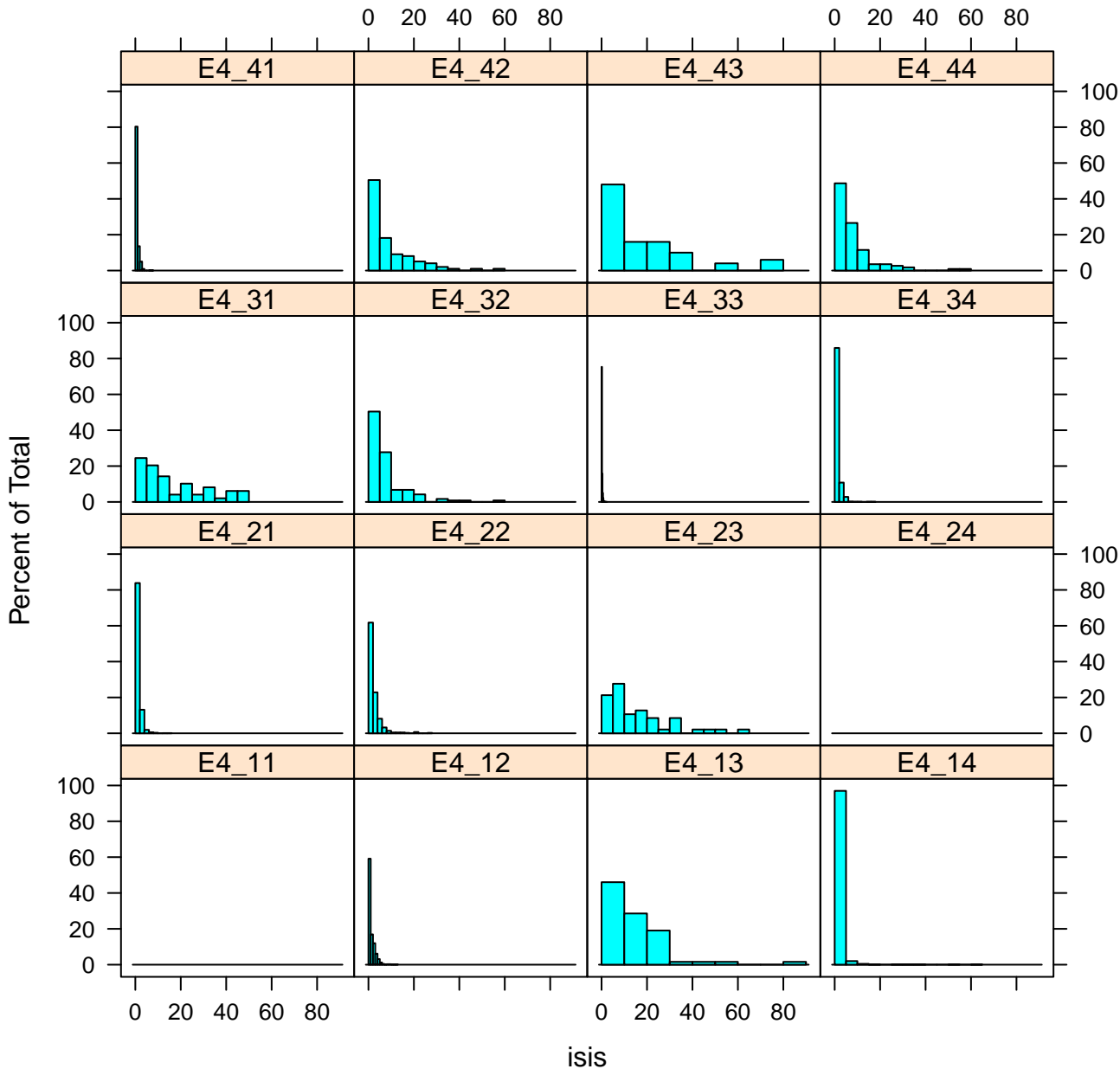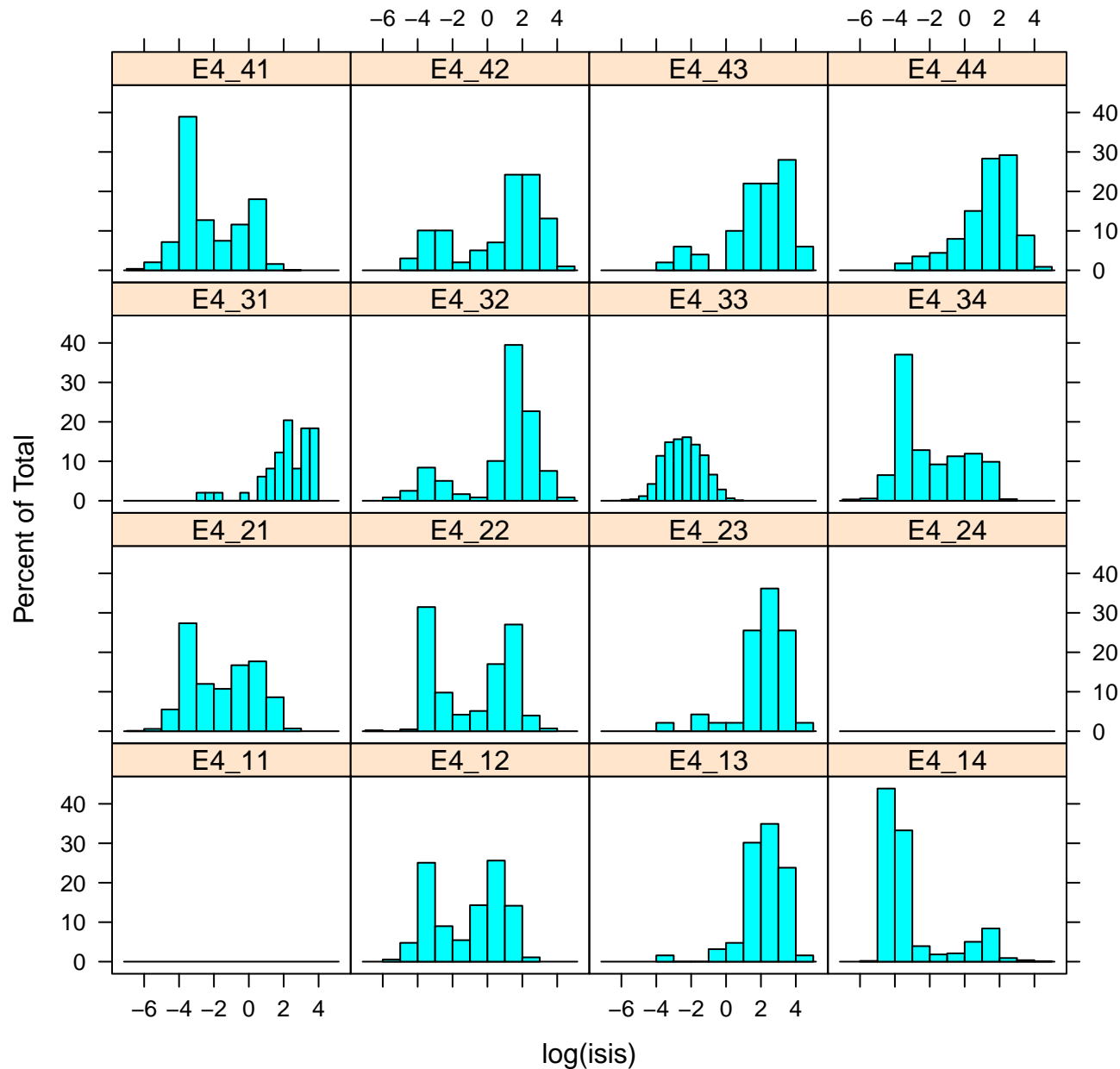
ISIs histogram plot for E3
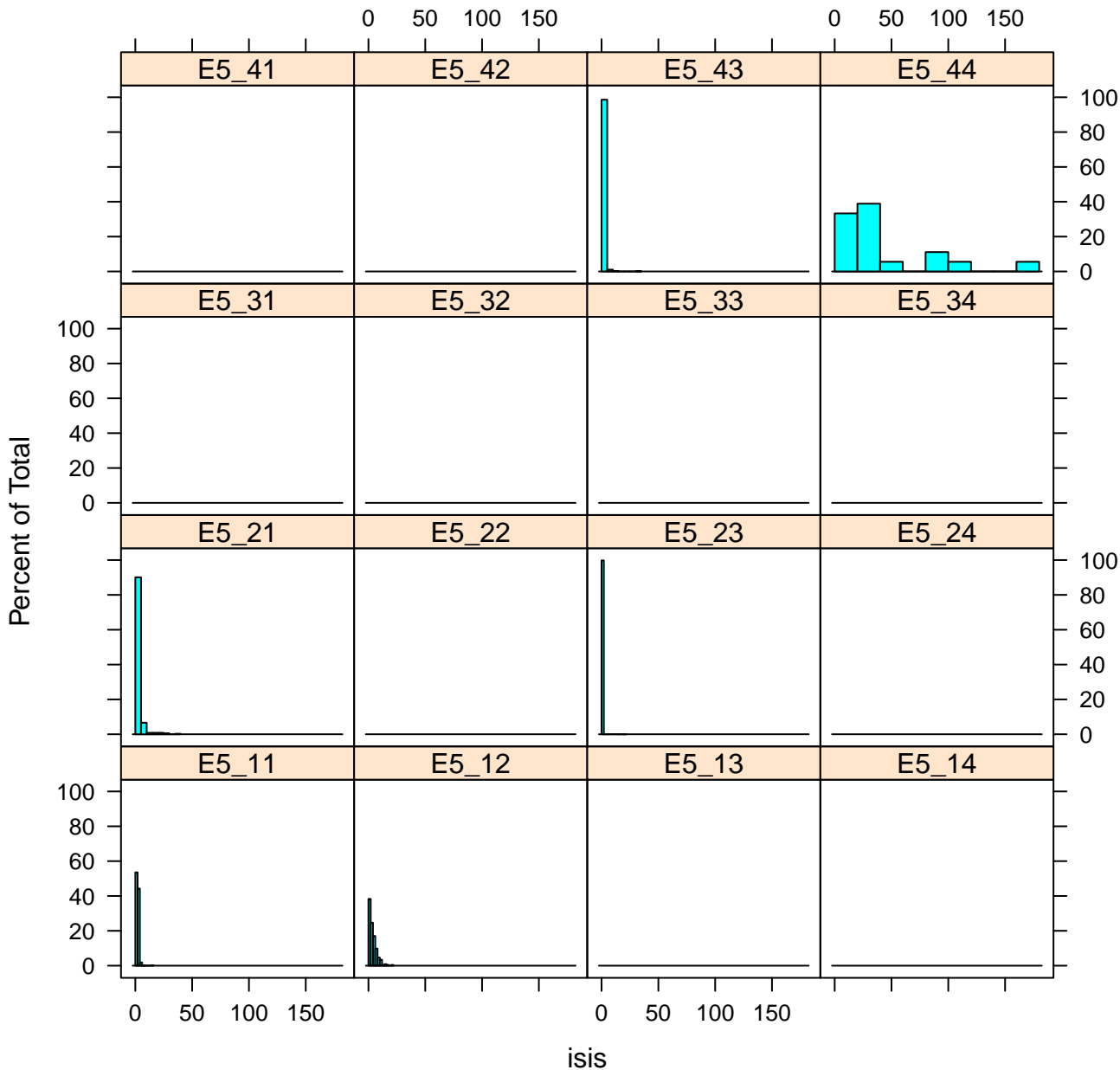
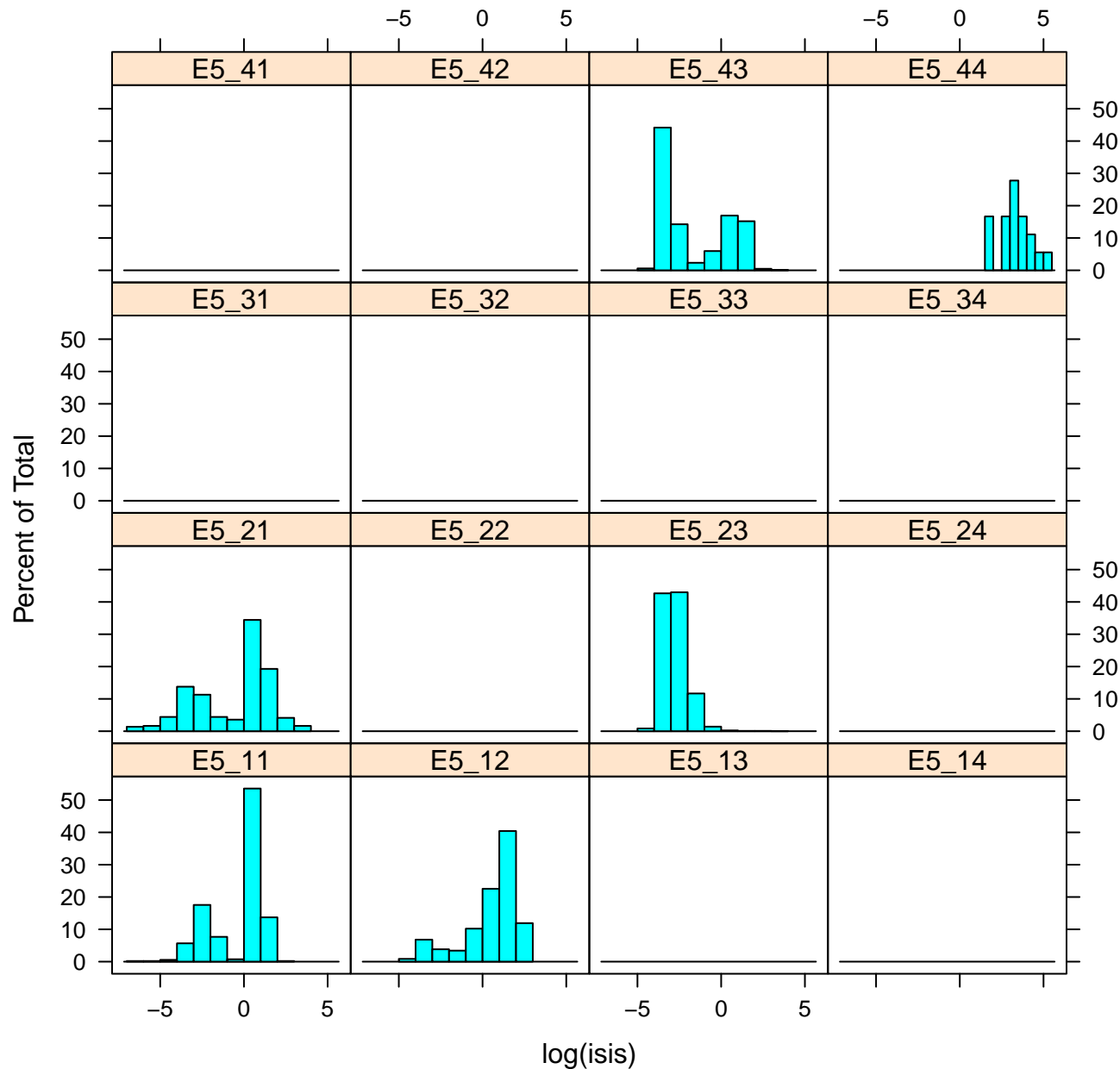log(ISIs) histogram plot for E3

ISIs histogram plot for E4
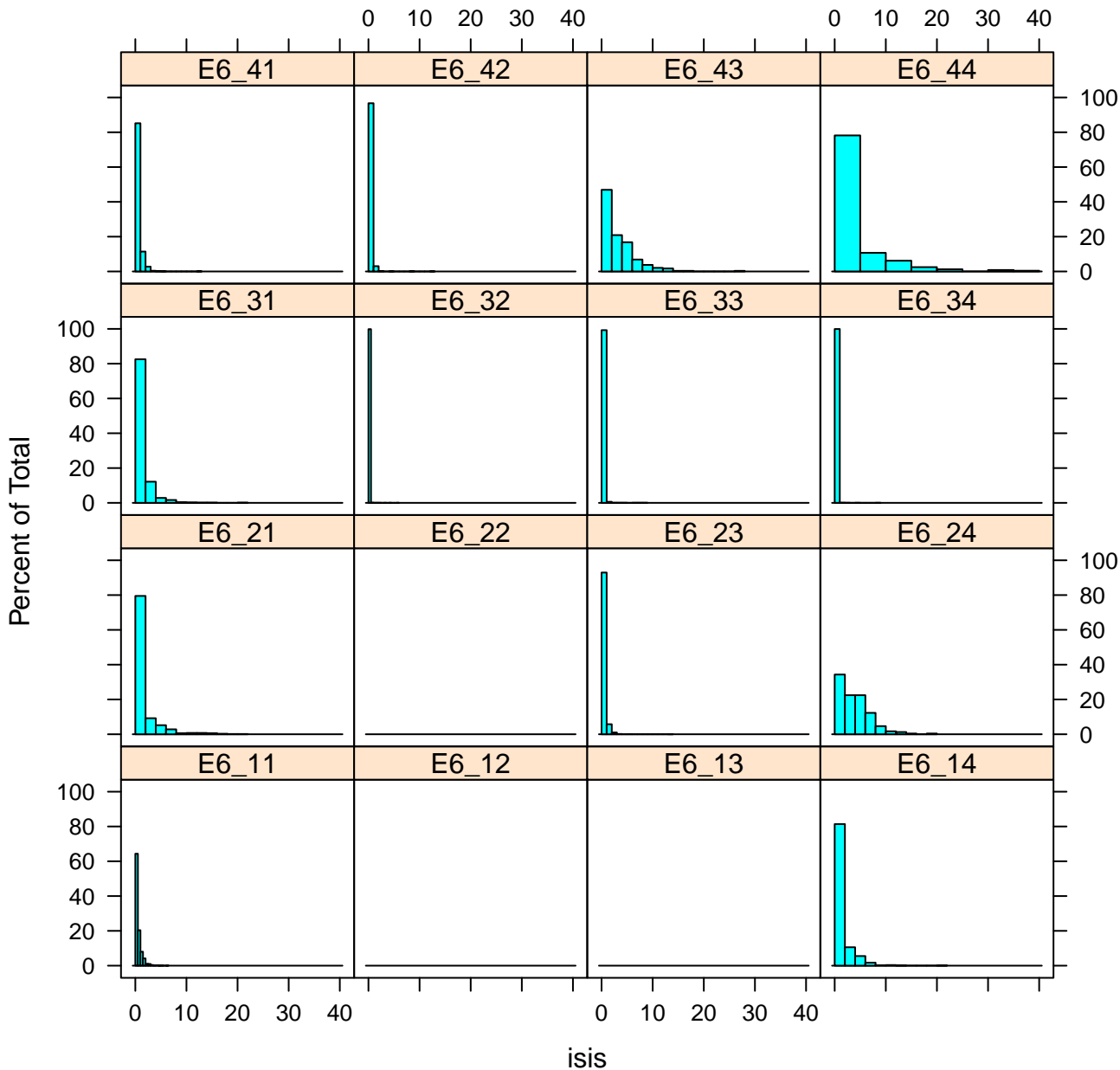
log(ISIs) histogram plot for E4
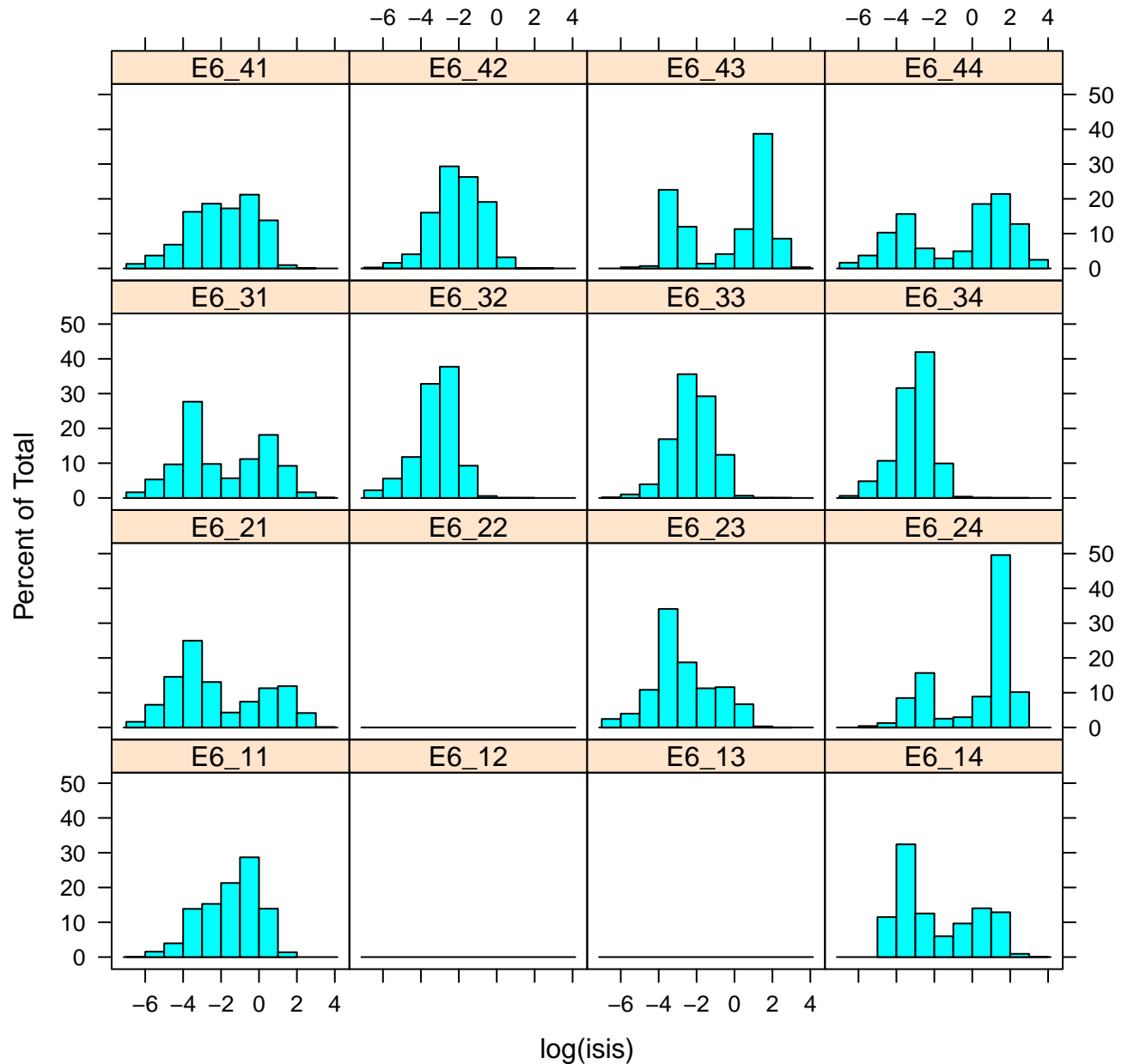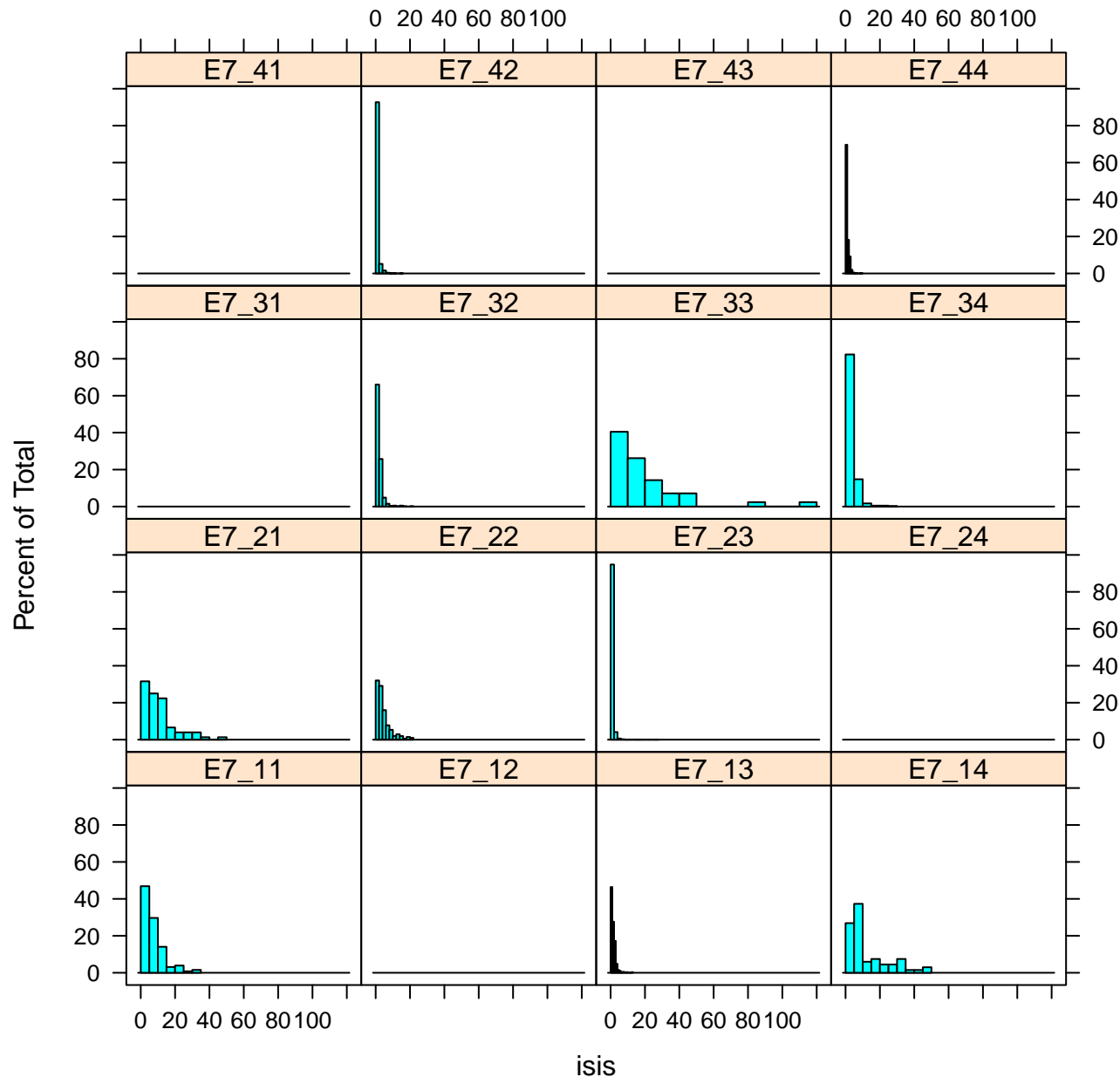
ISIs histogram plot for E5

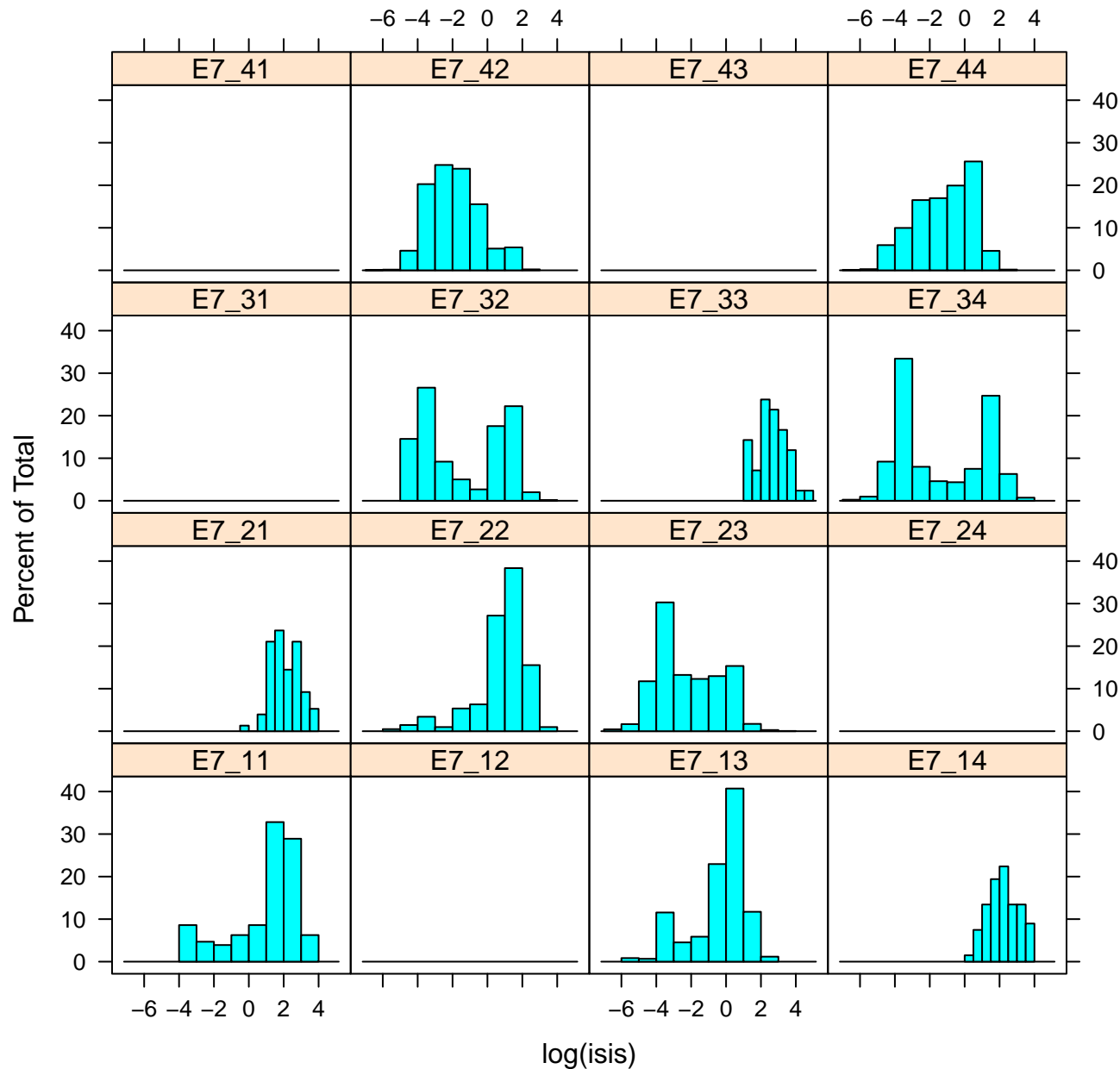**log(ISIs) histogram plot for E5**

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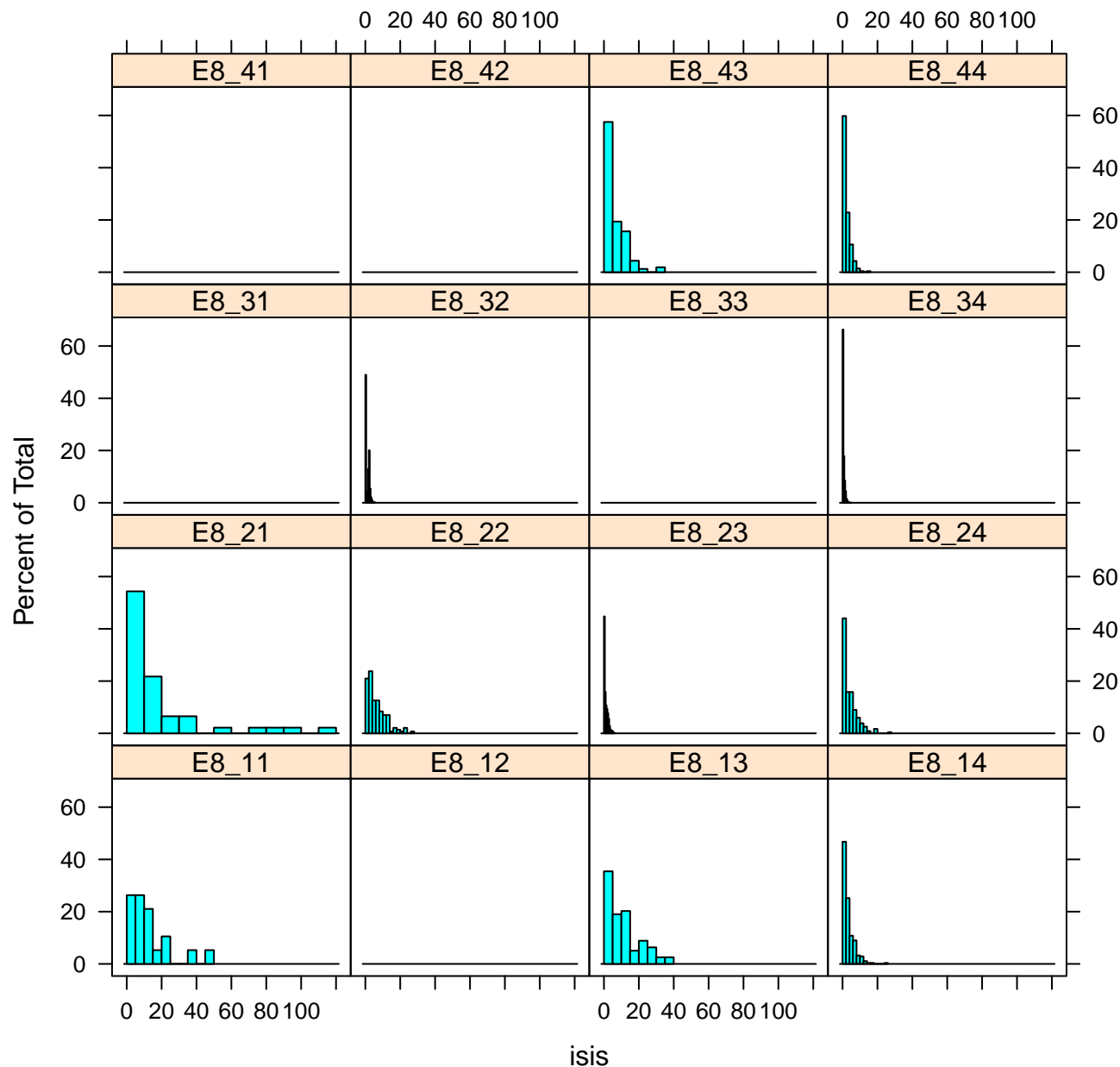
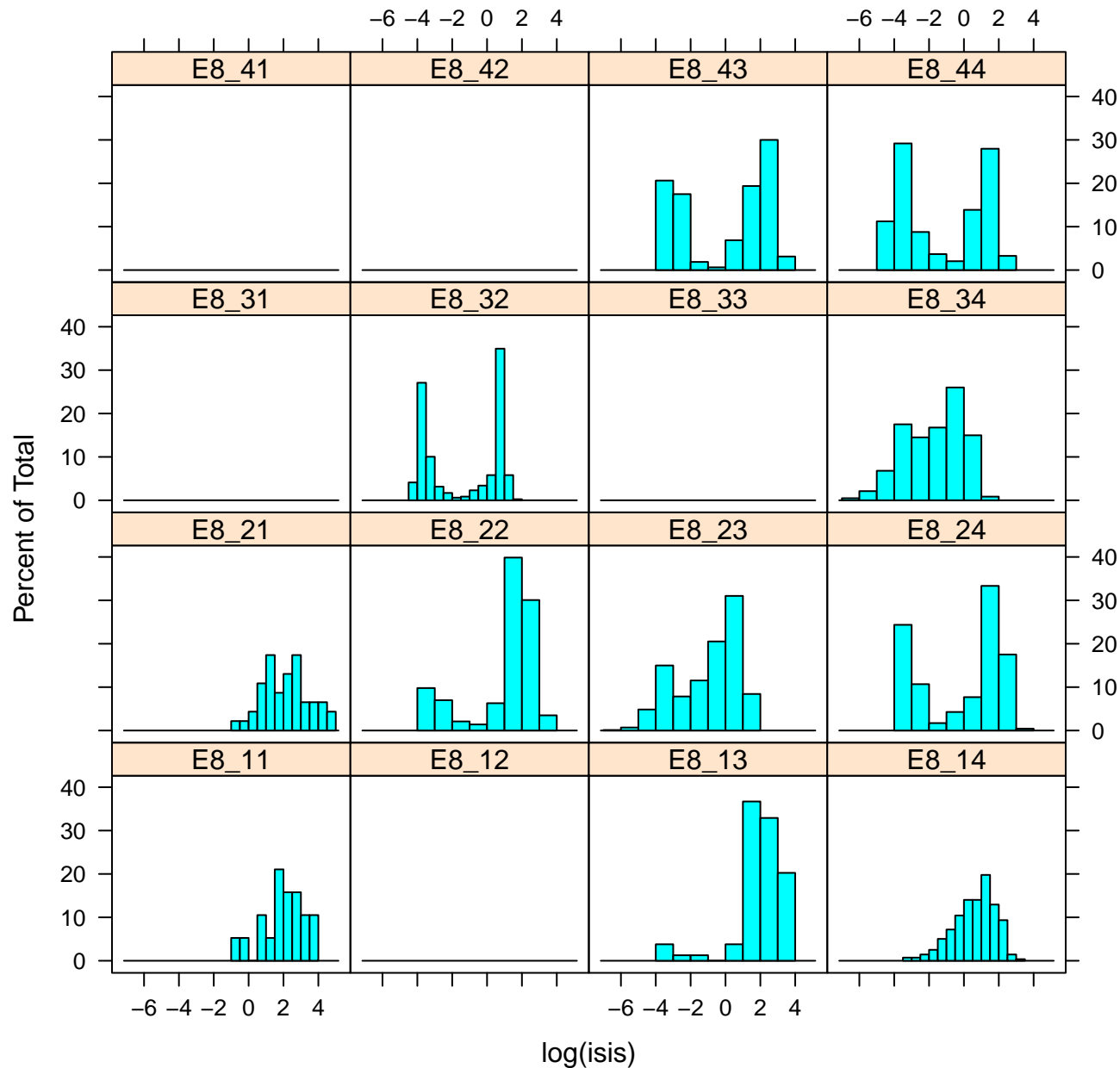log(ISIs) histogram plot for E6

ISIs histogram plot for E7

log(ISIs) histogram plot for E7

Percent of Total

log(isis)

ISIs histogram plot for E8

log(ISIs) histogram plot for E8

ISIs histogram plot for F1

log(ISIs) histogram plot for F1

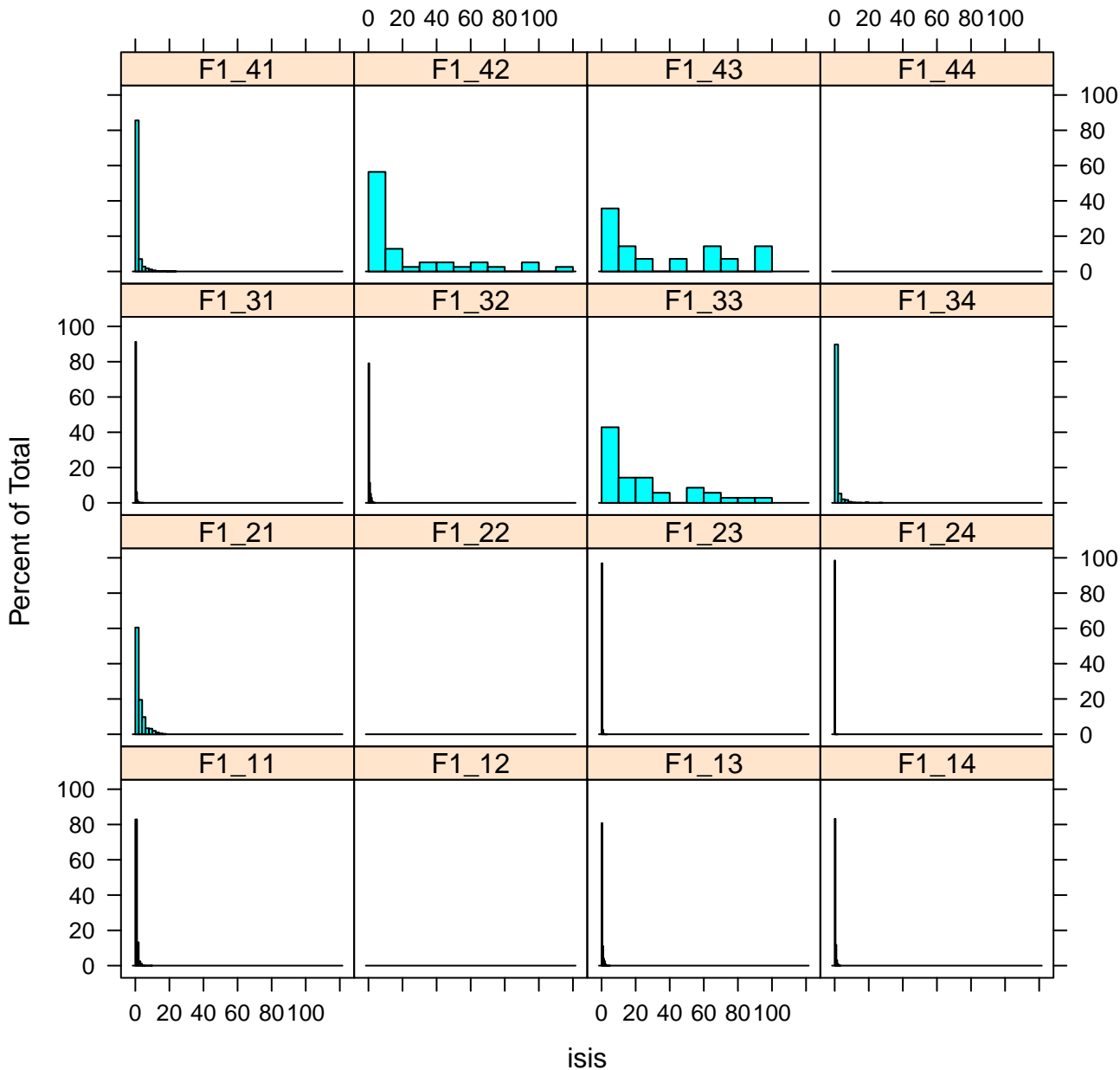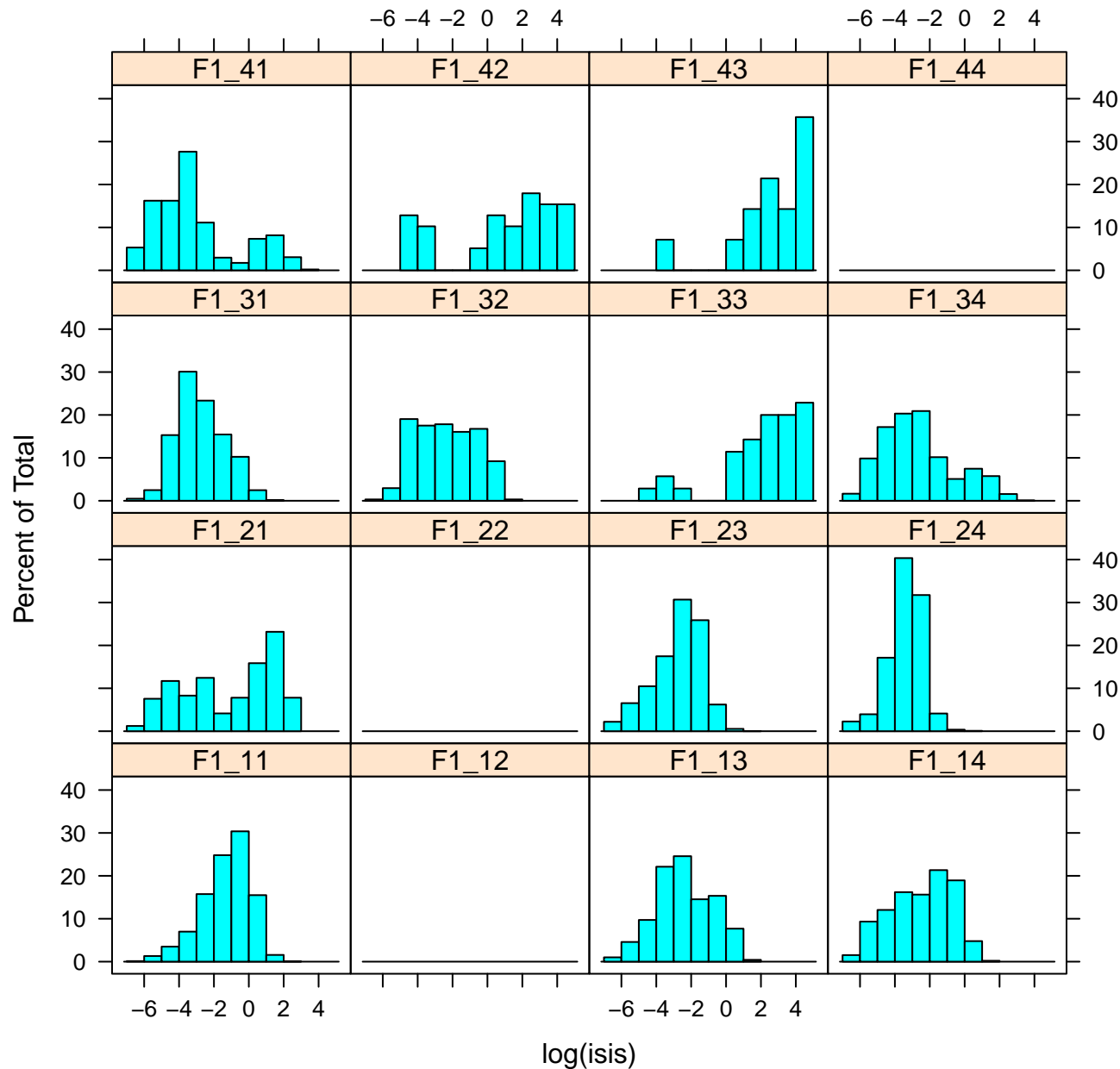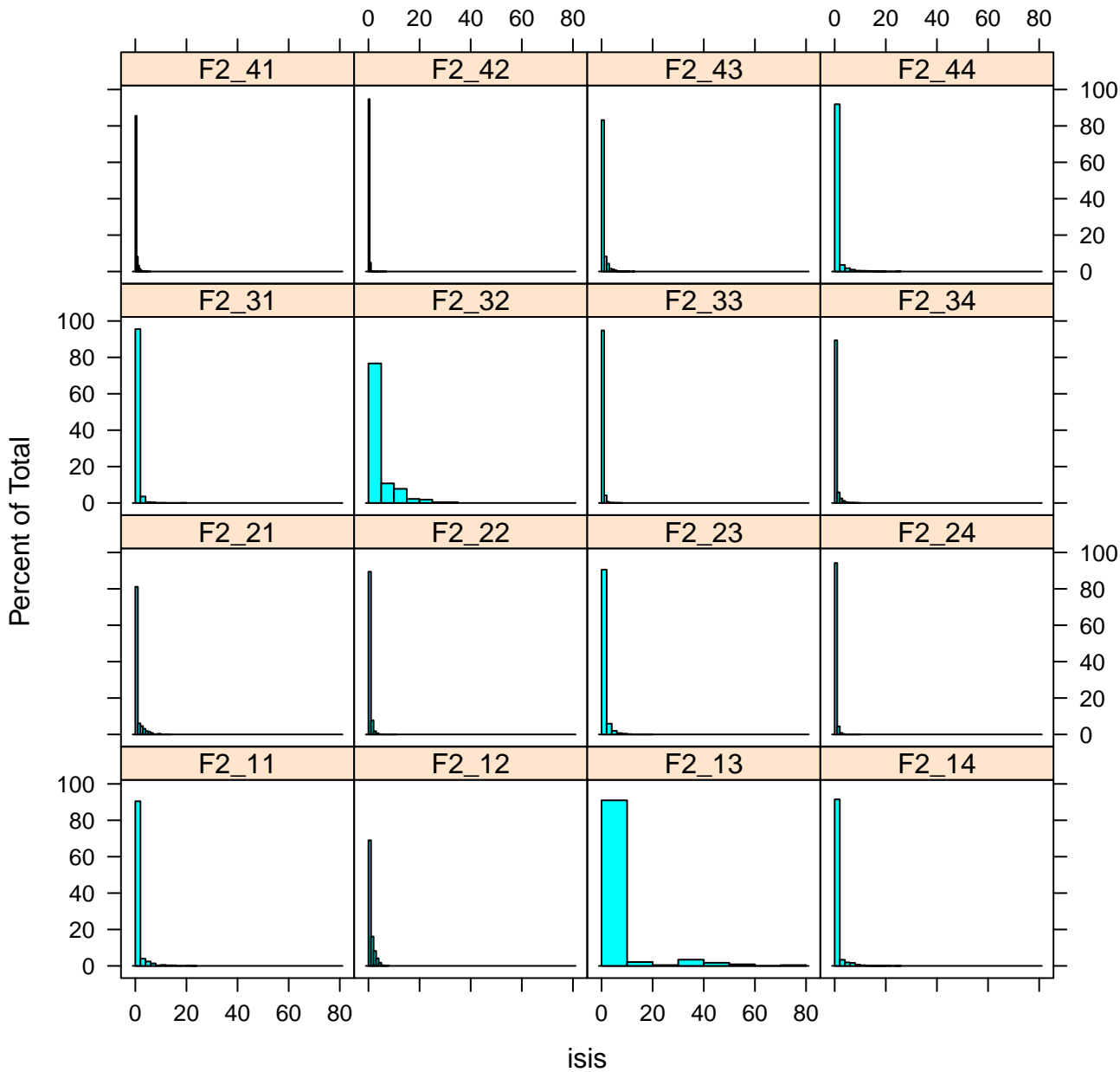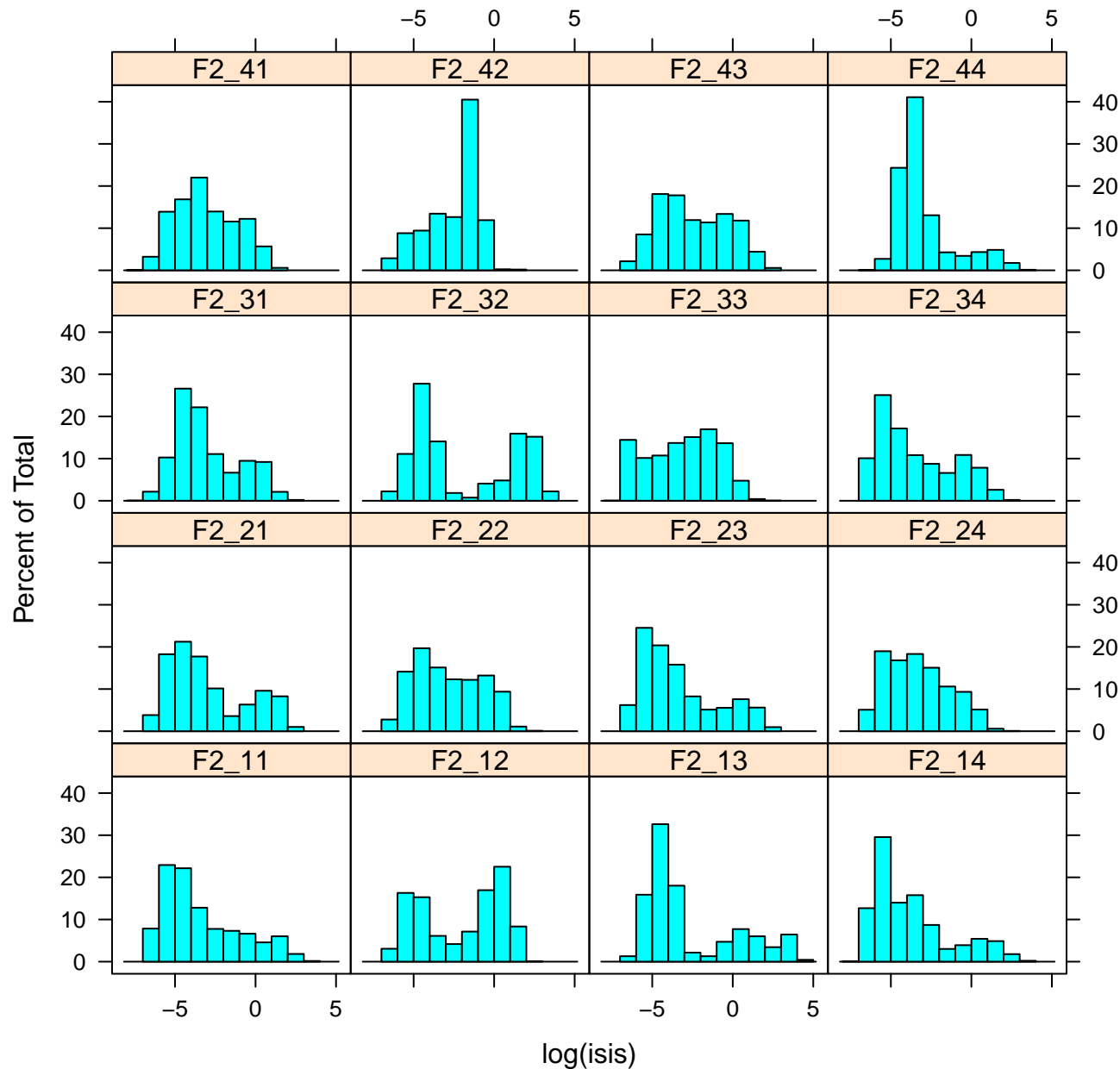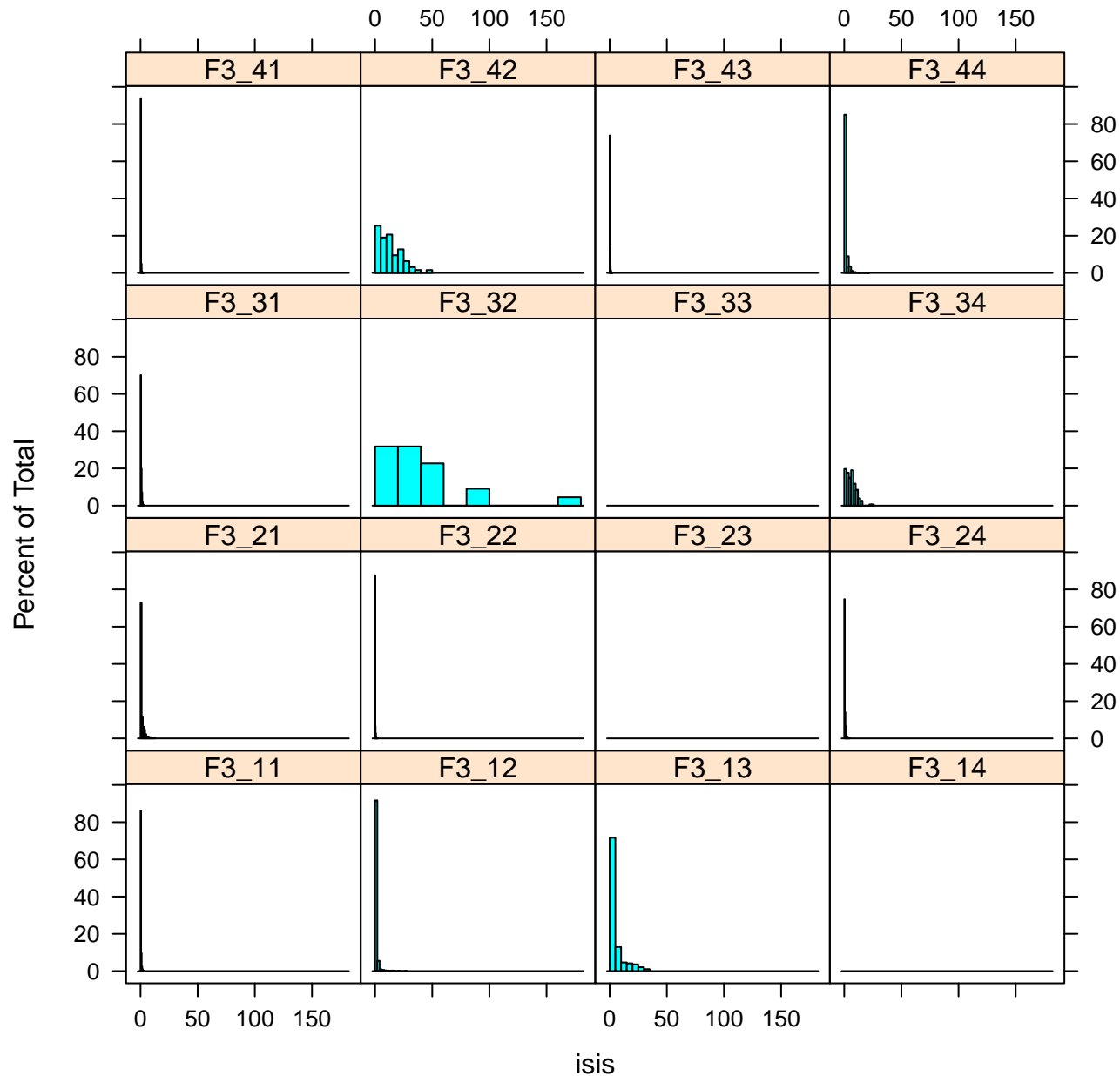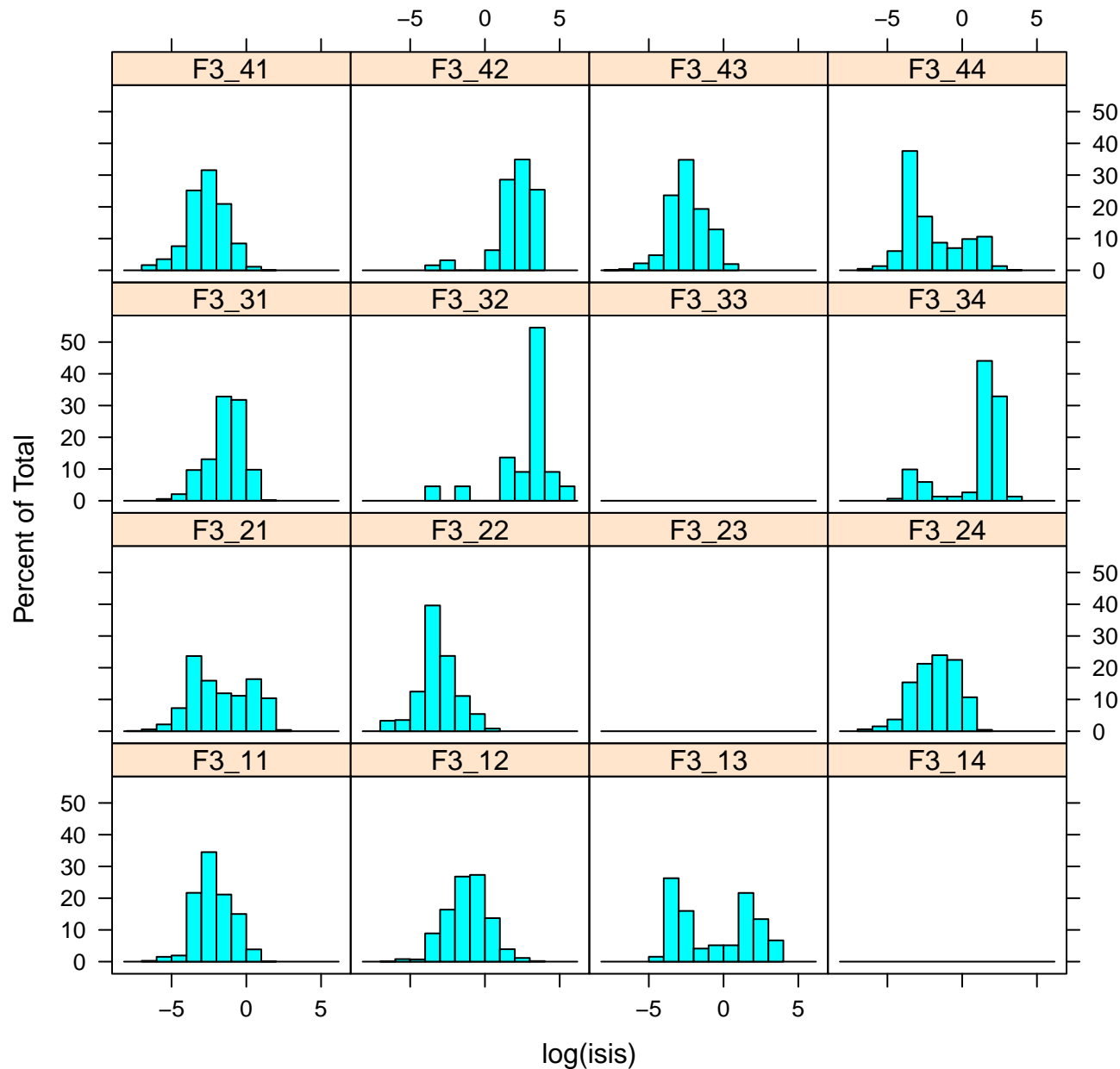ISIs histogram plot for F2

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 F6

log(ISIs) histogram plot for F6
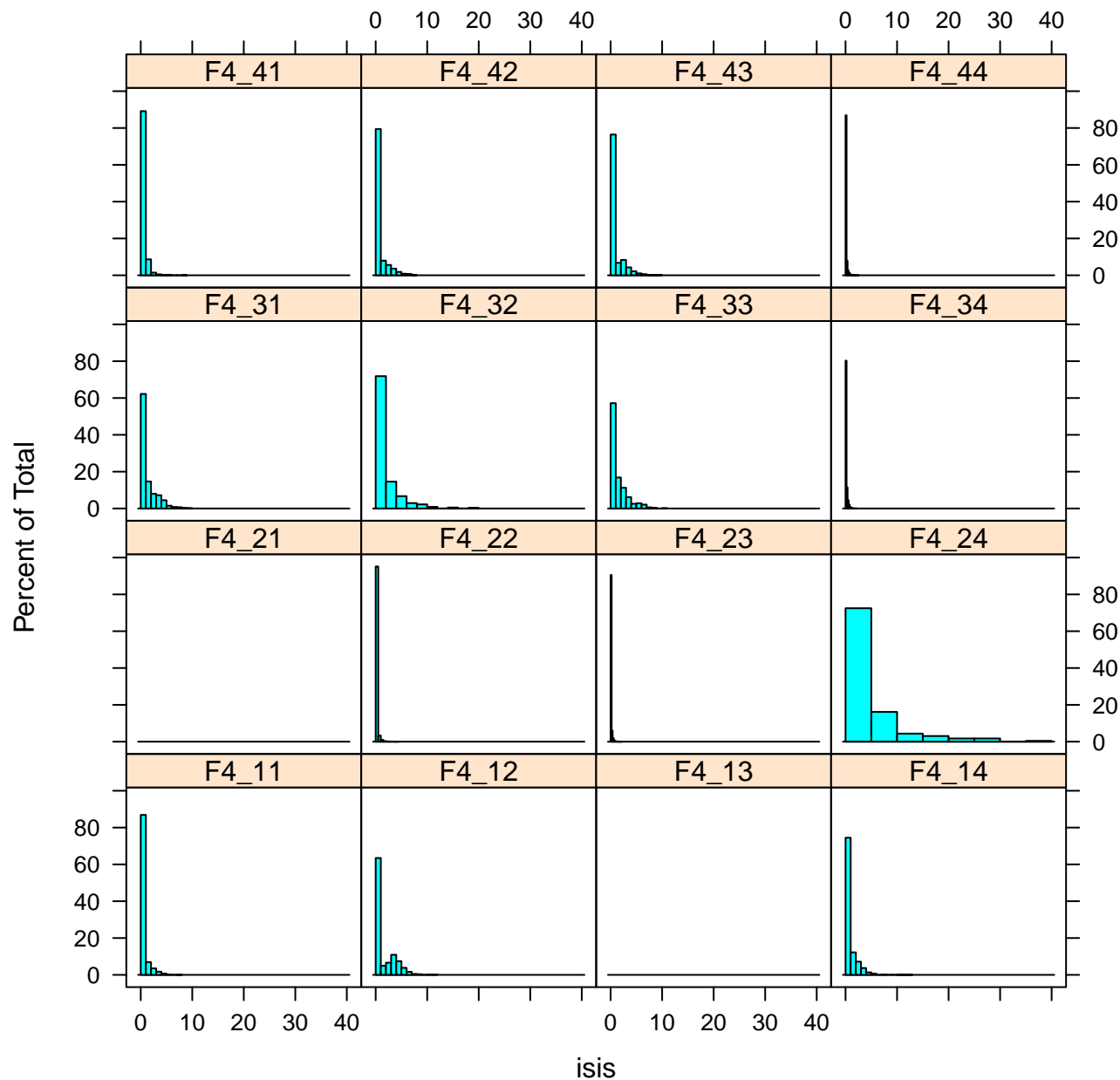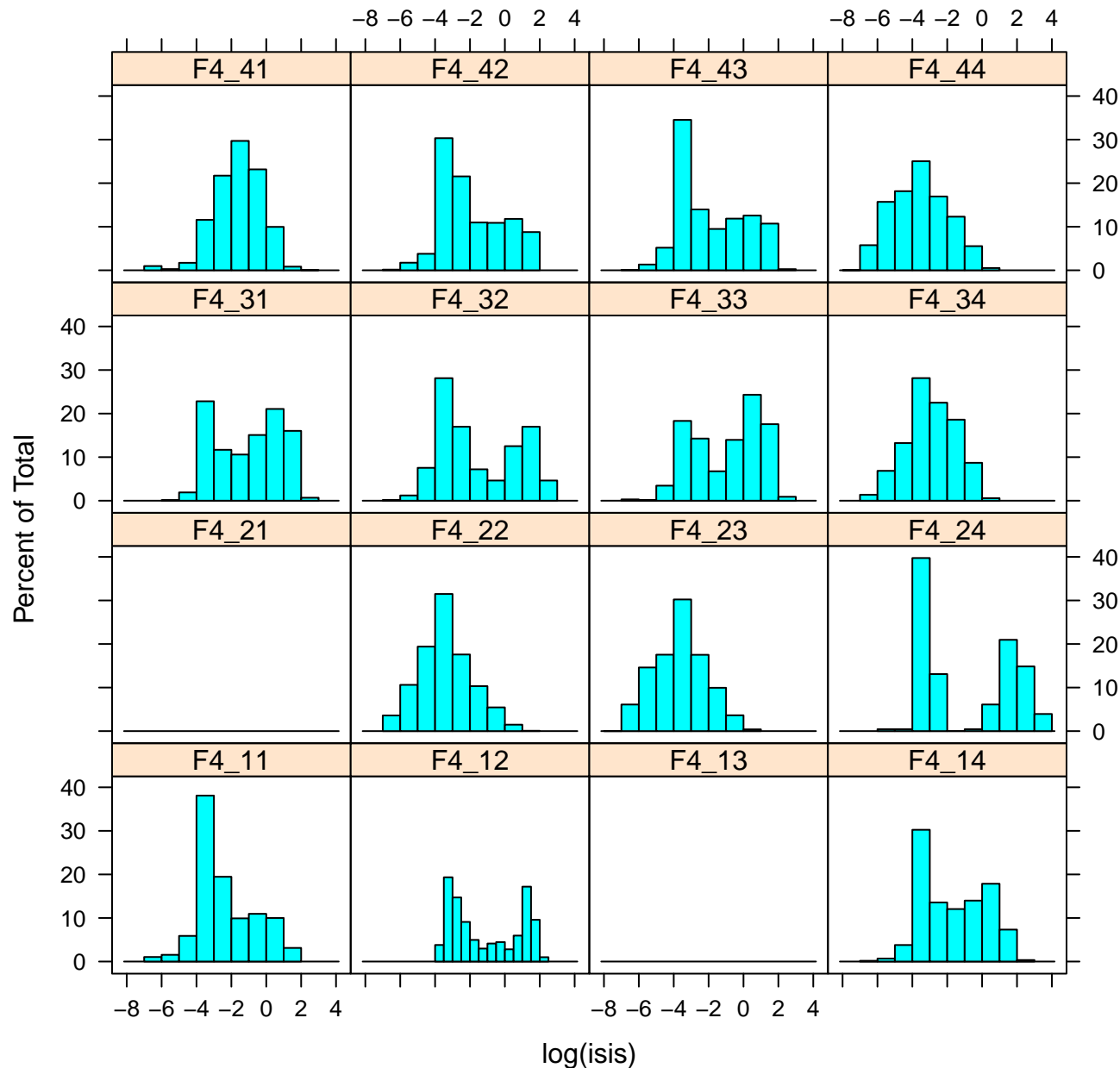
ISIs histogram plot for F7

log(ISIs) histogram plot for F7
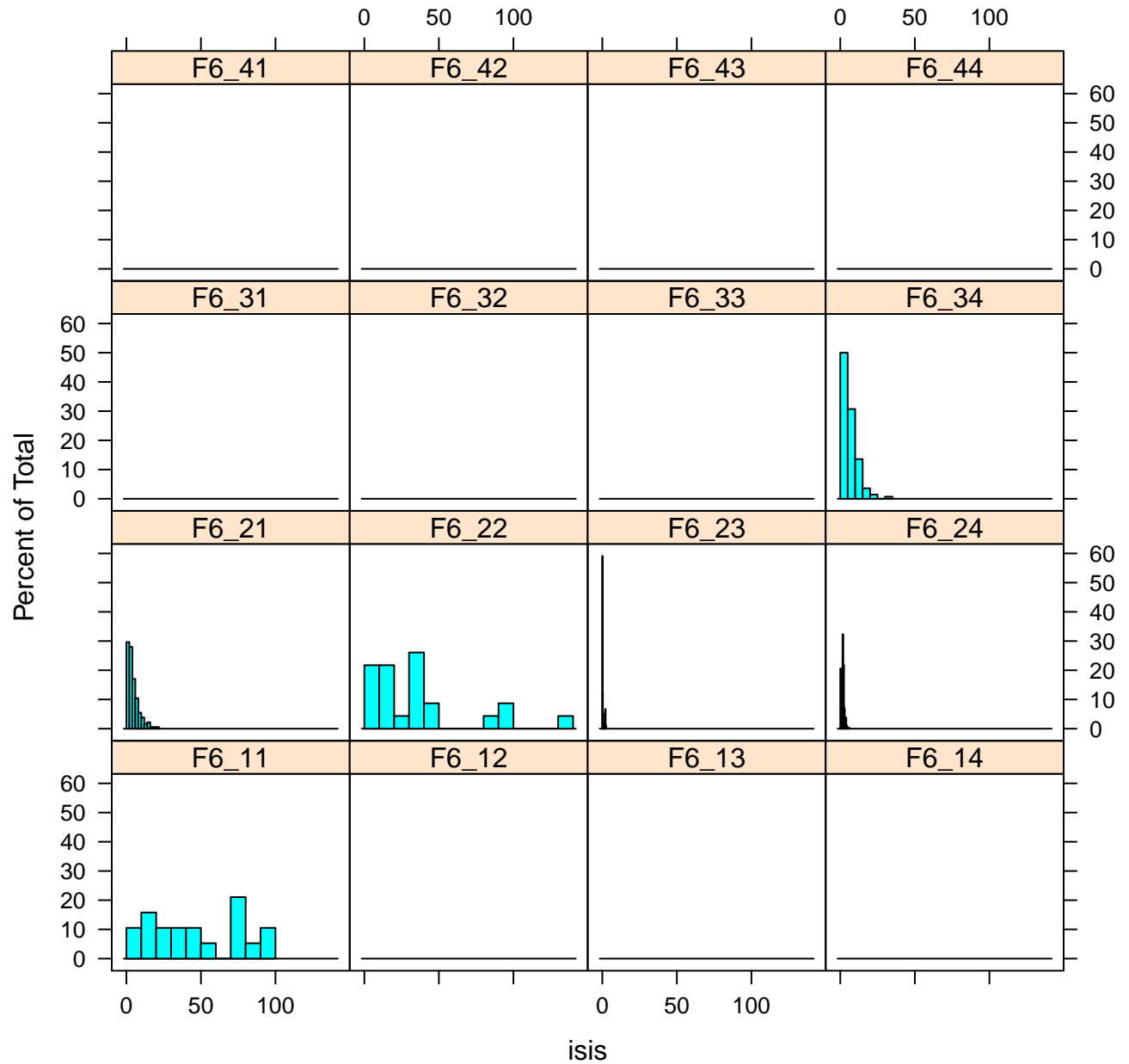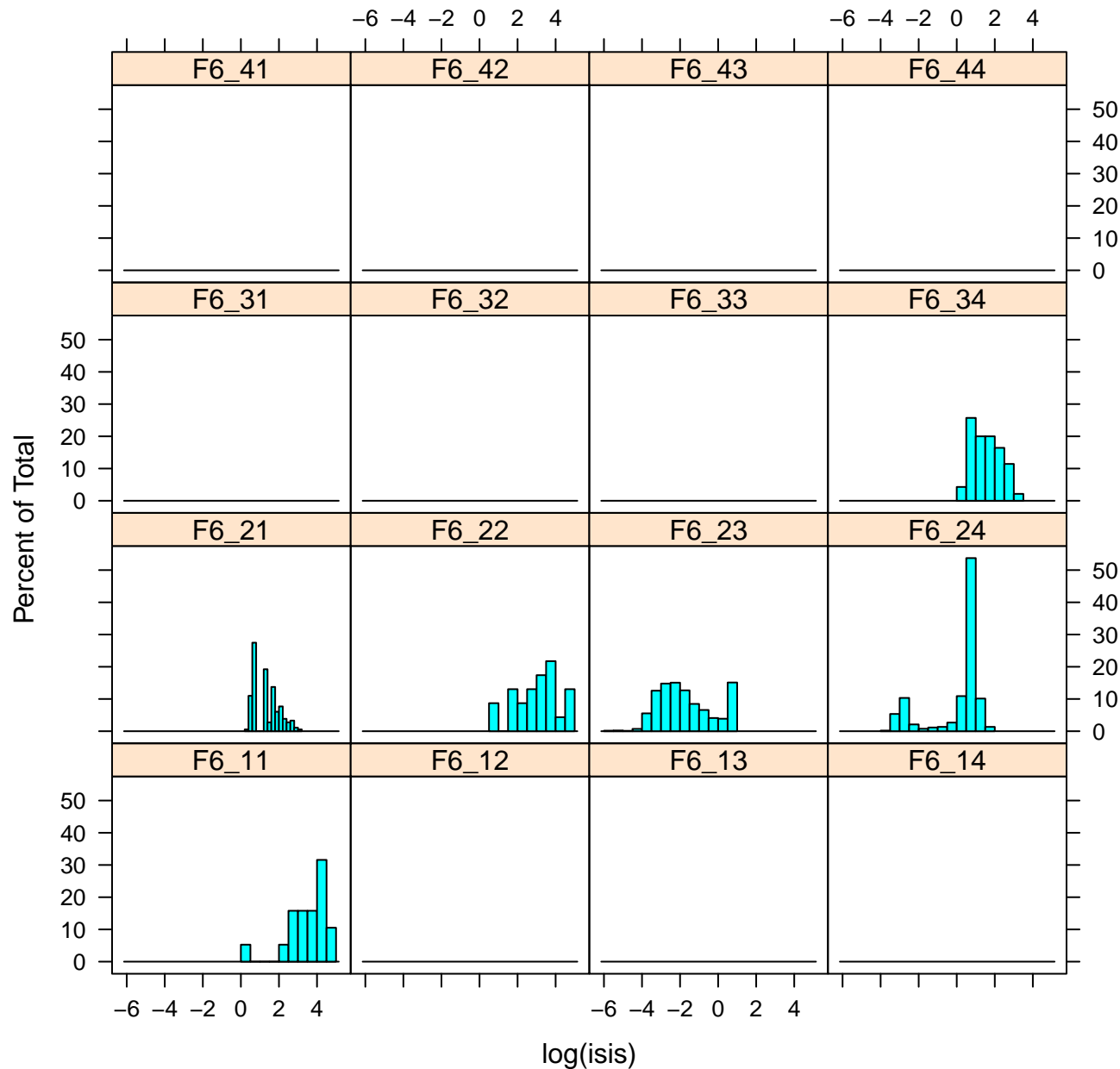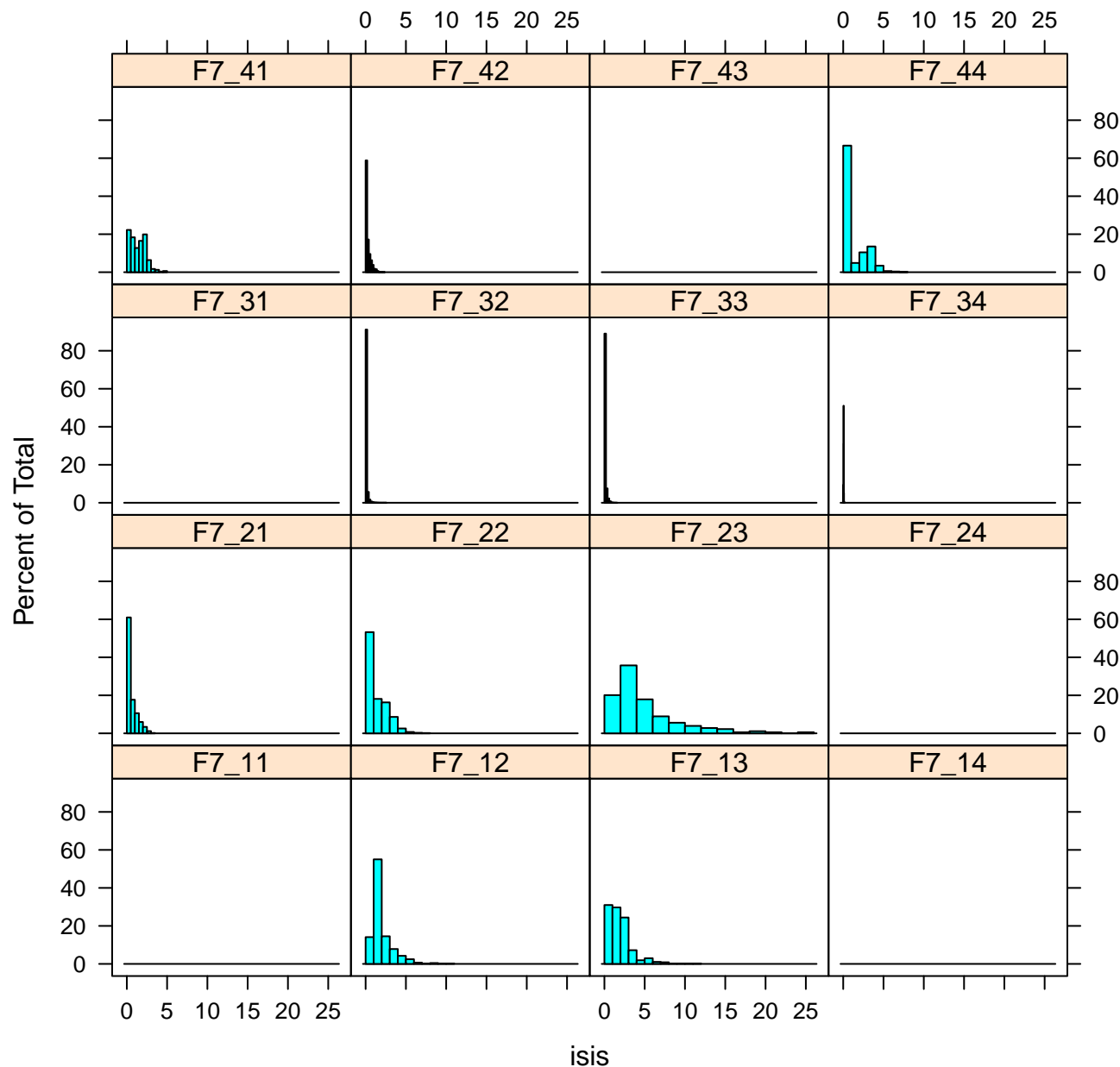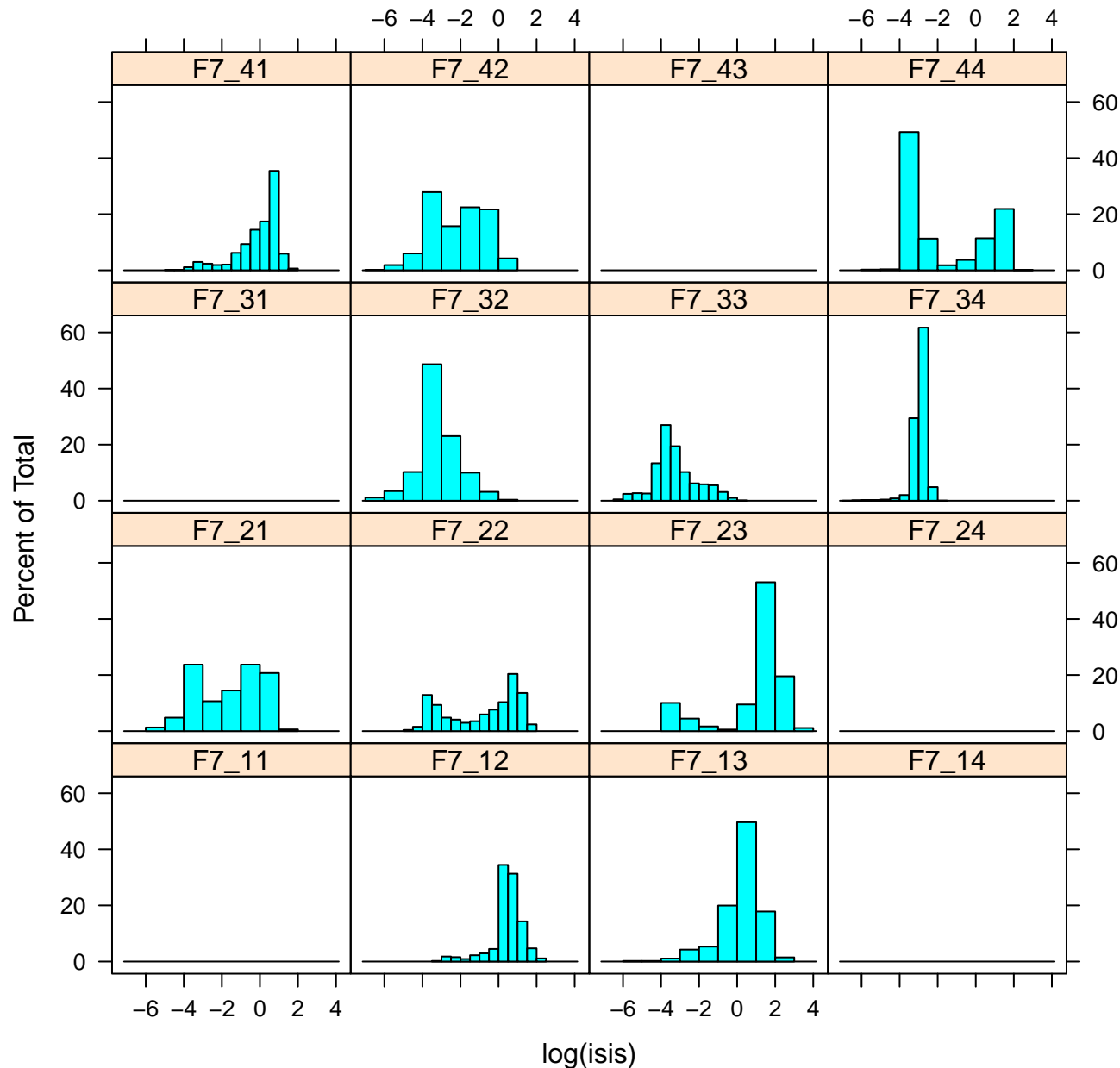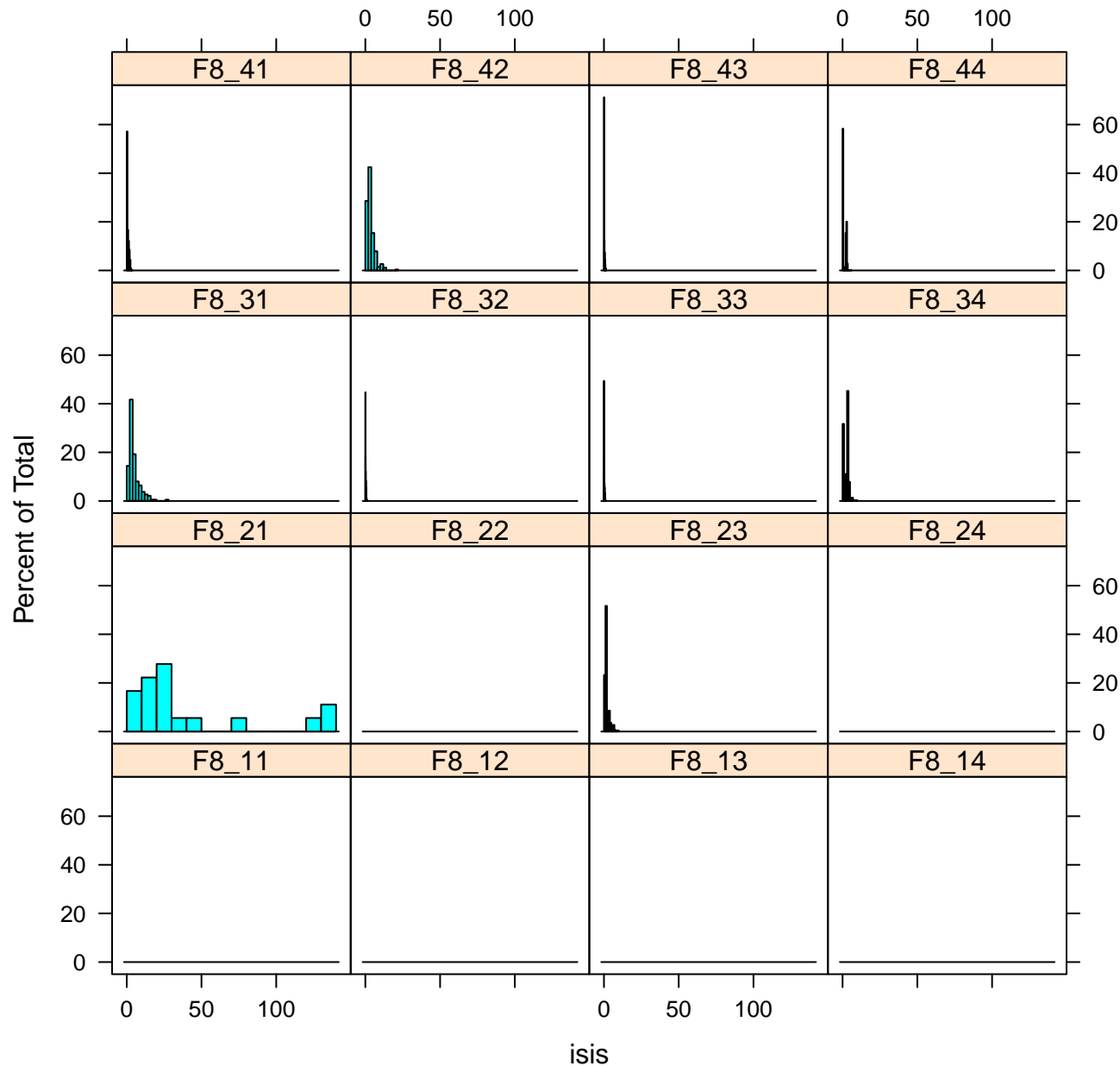
ISIs histogram plot for F8

log(ISIs) histogram plot for F8