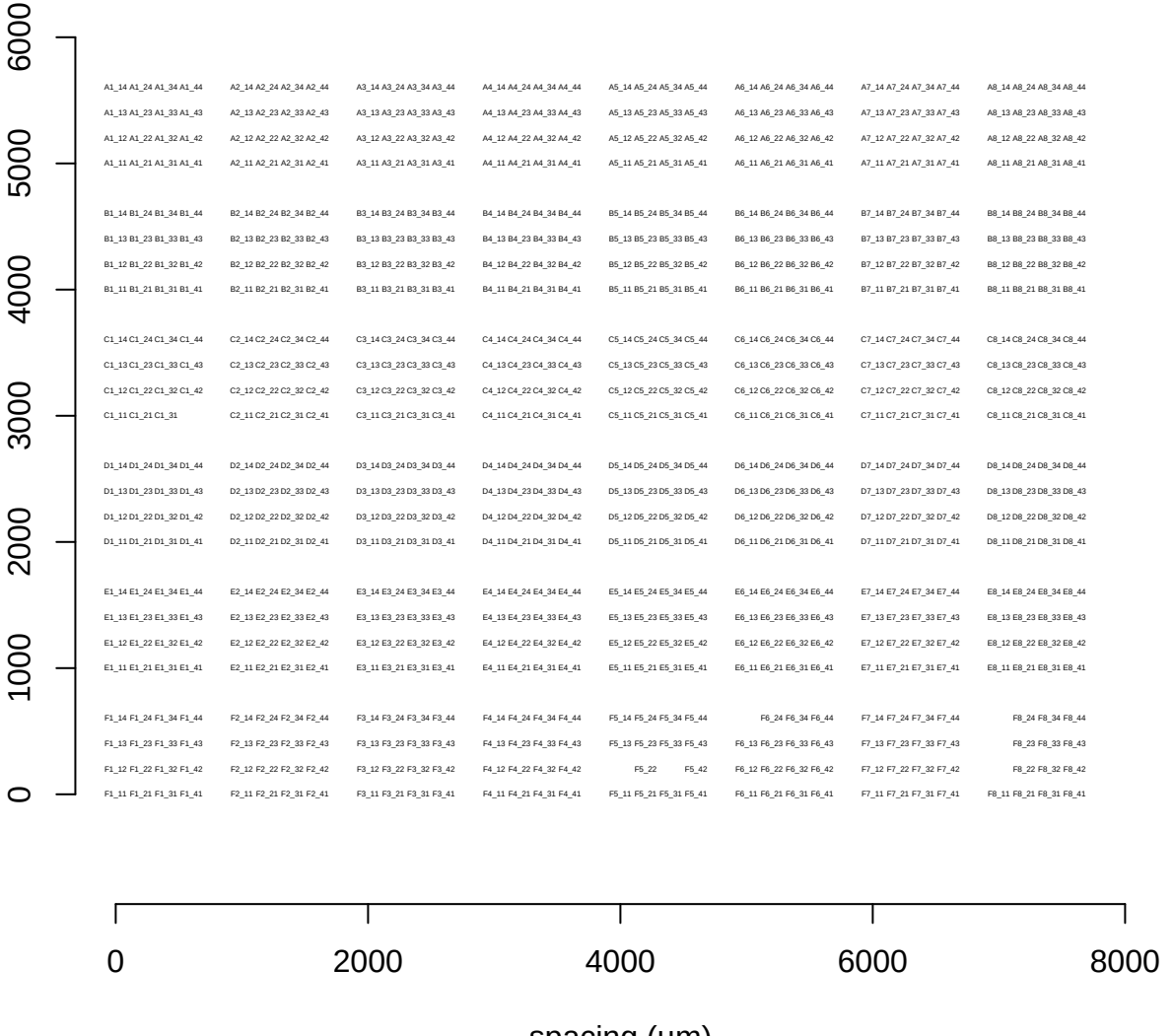
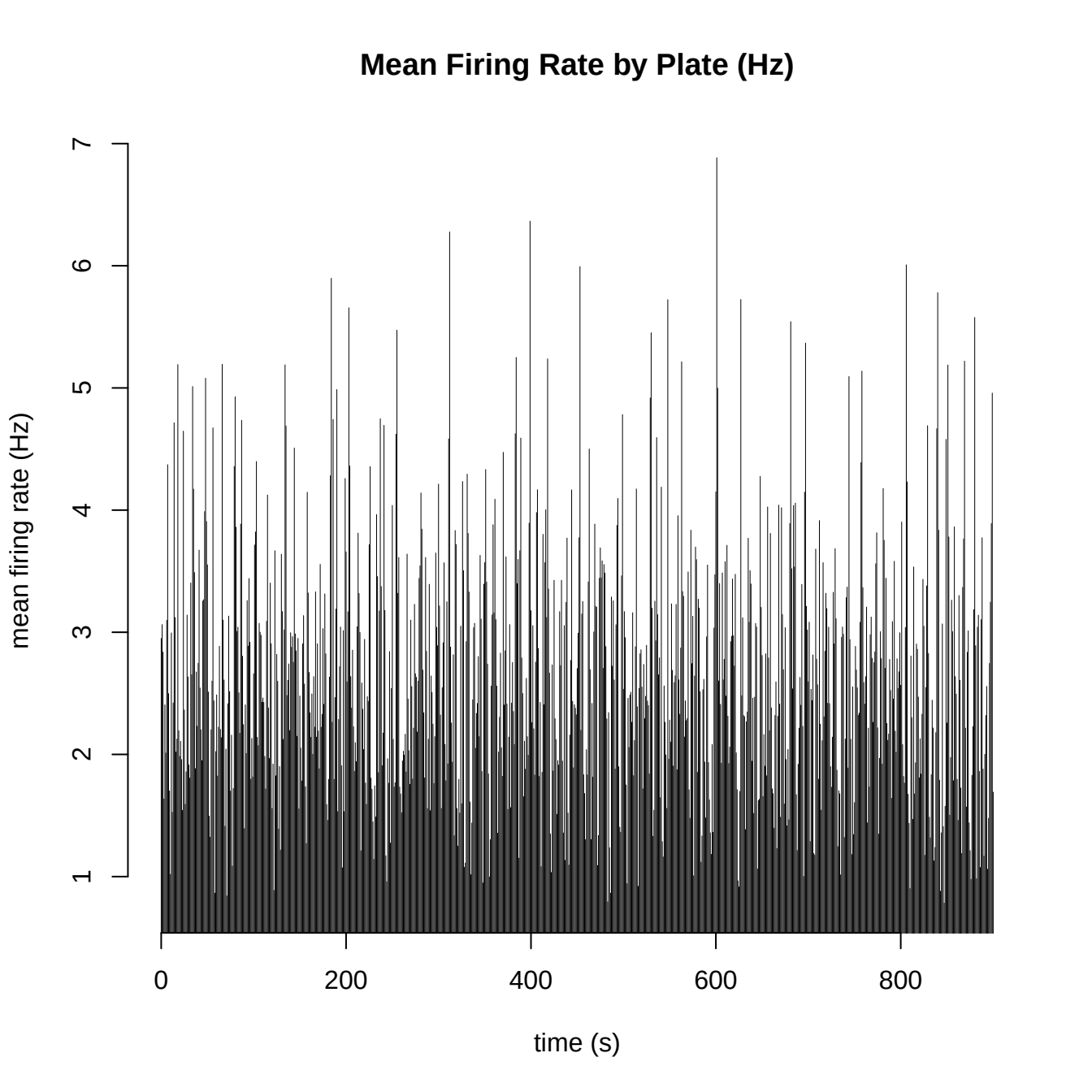
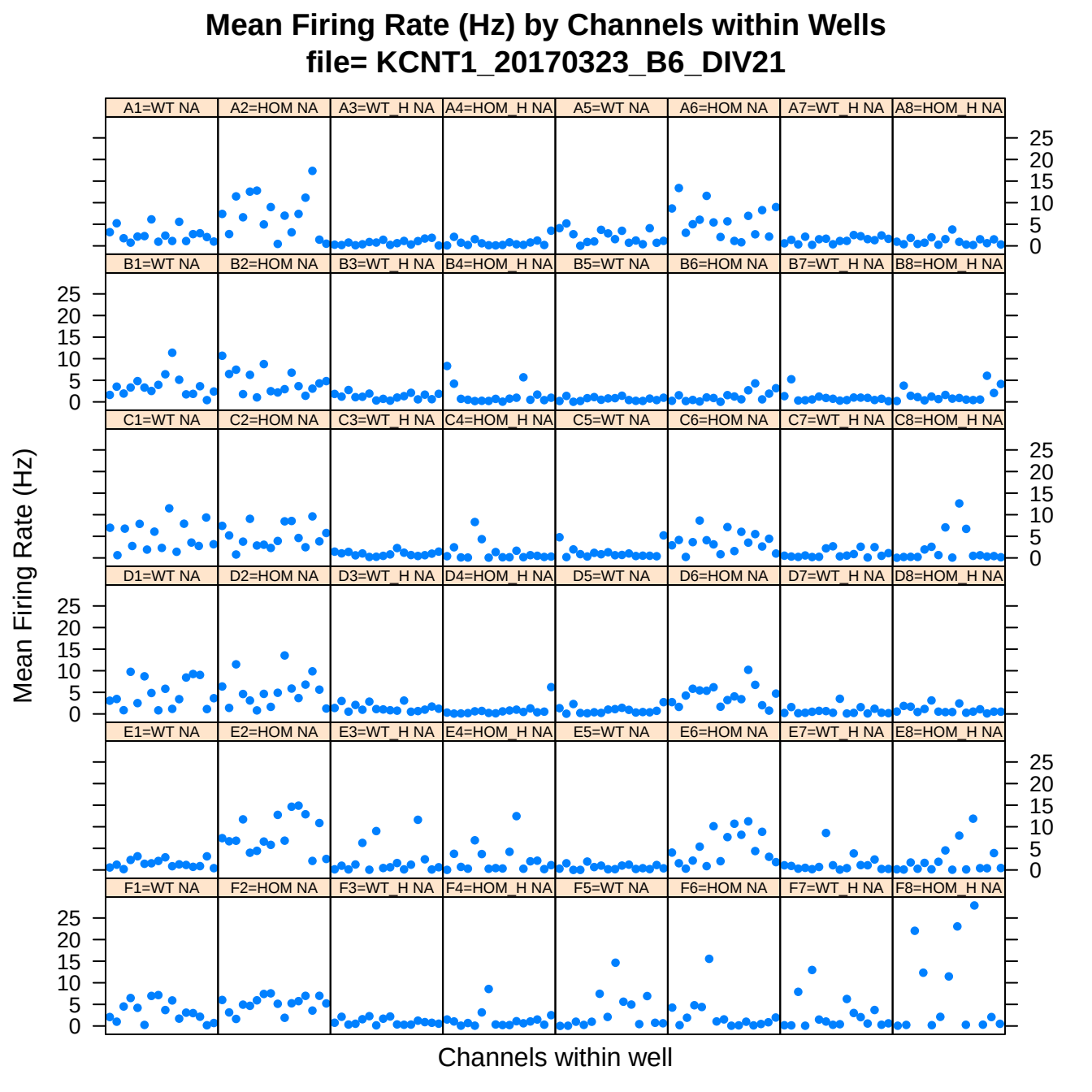
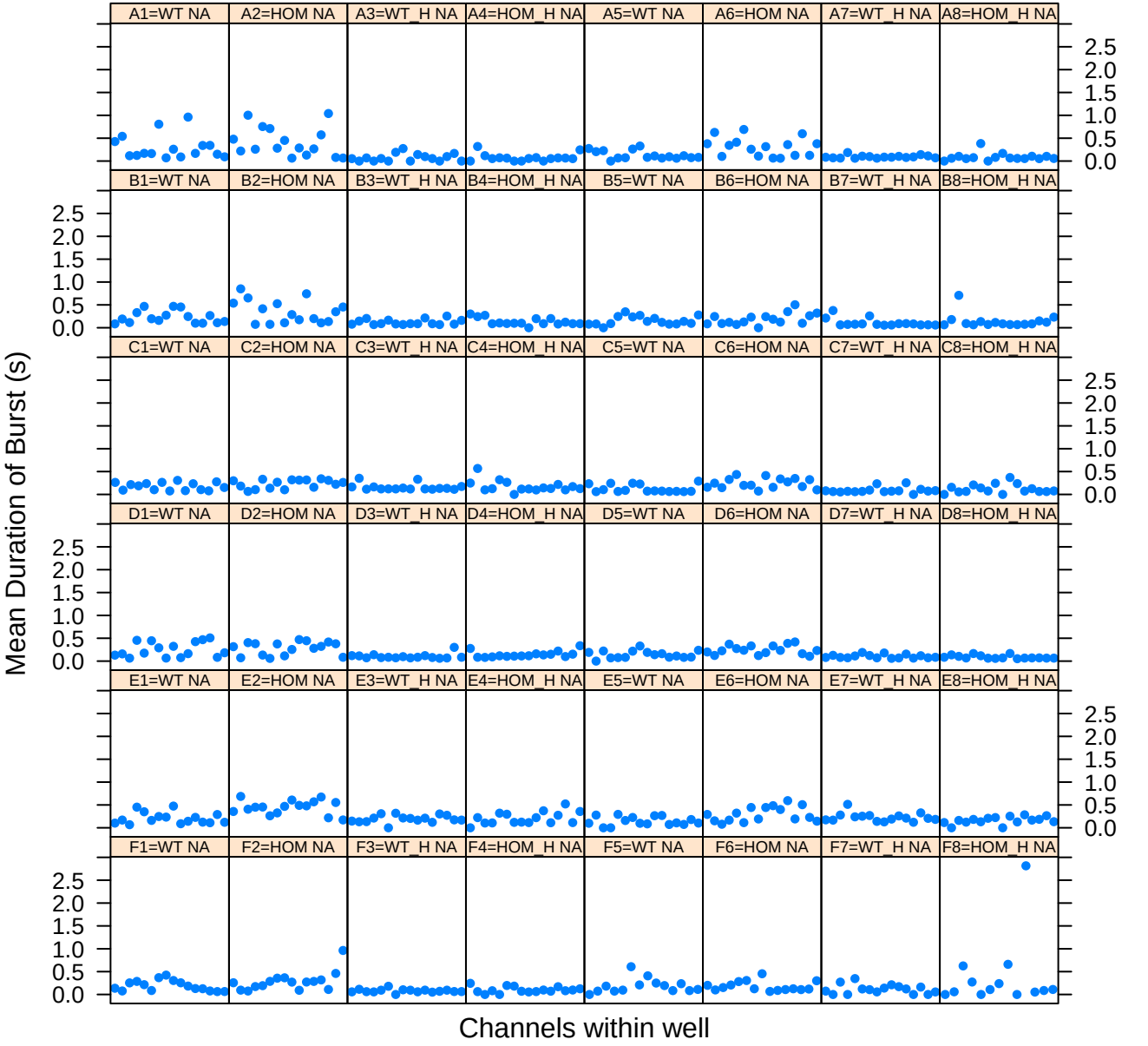
Electrode Layout
file= KCNT1_20170323_B6_DIV21



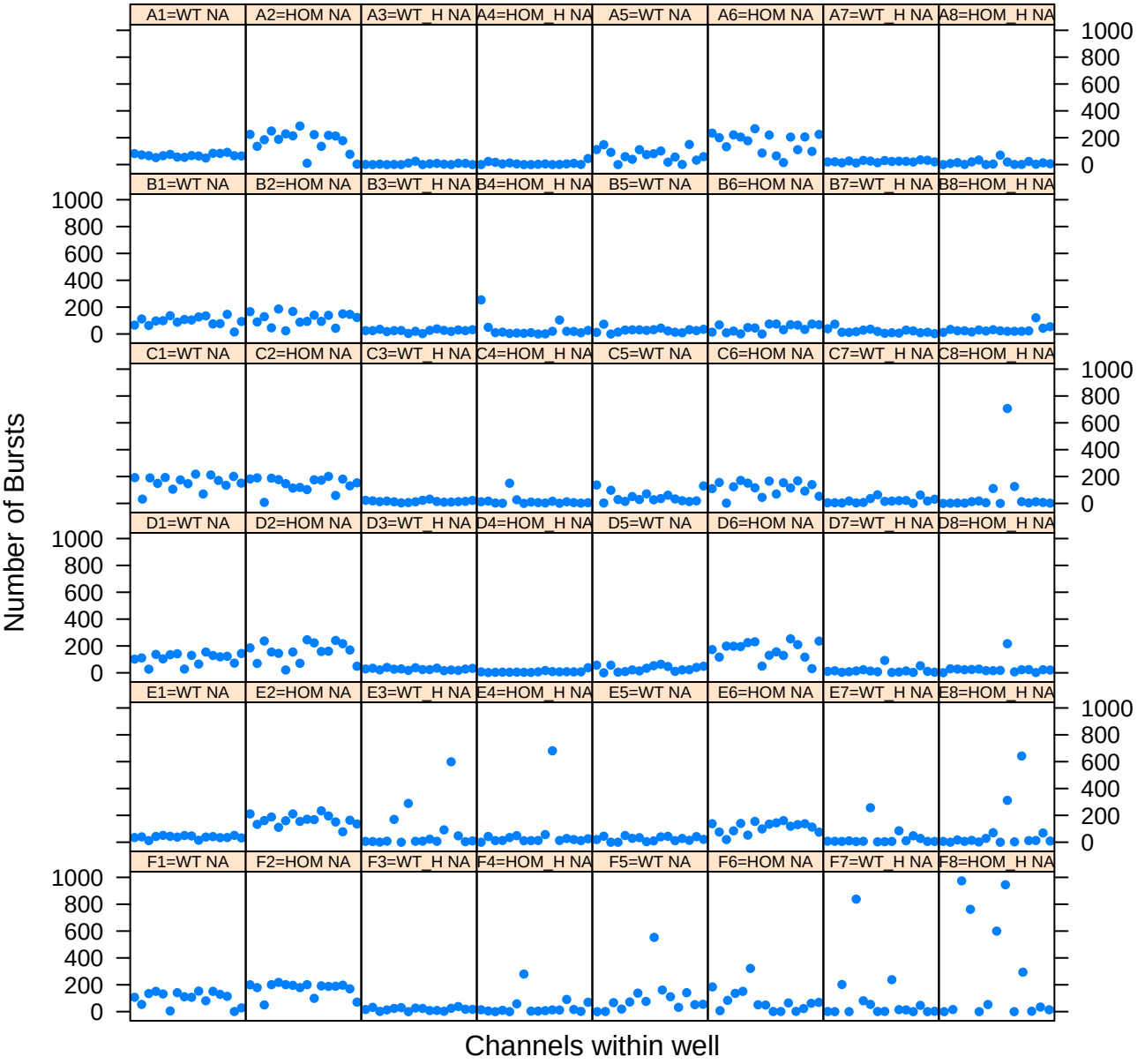

Mean Firing Rate by Plate (Hz)
mean firing rate (Hz)
1
2
3
4
5
6
7
0
200
400
600
800
time (s)

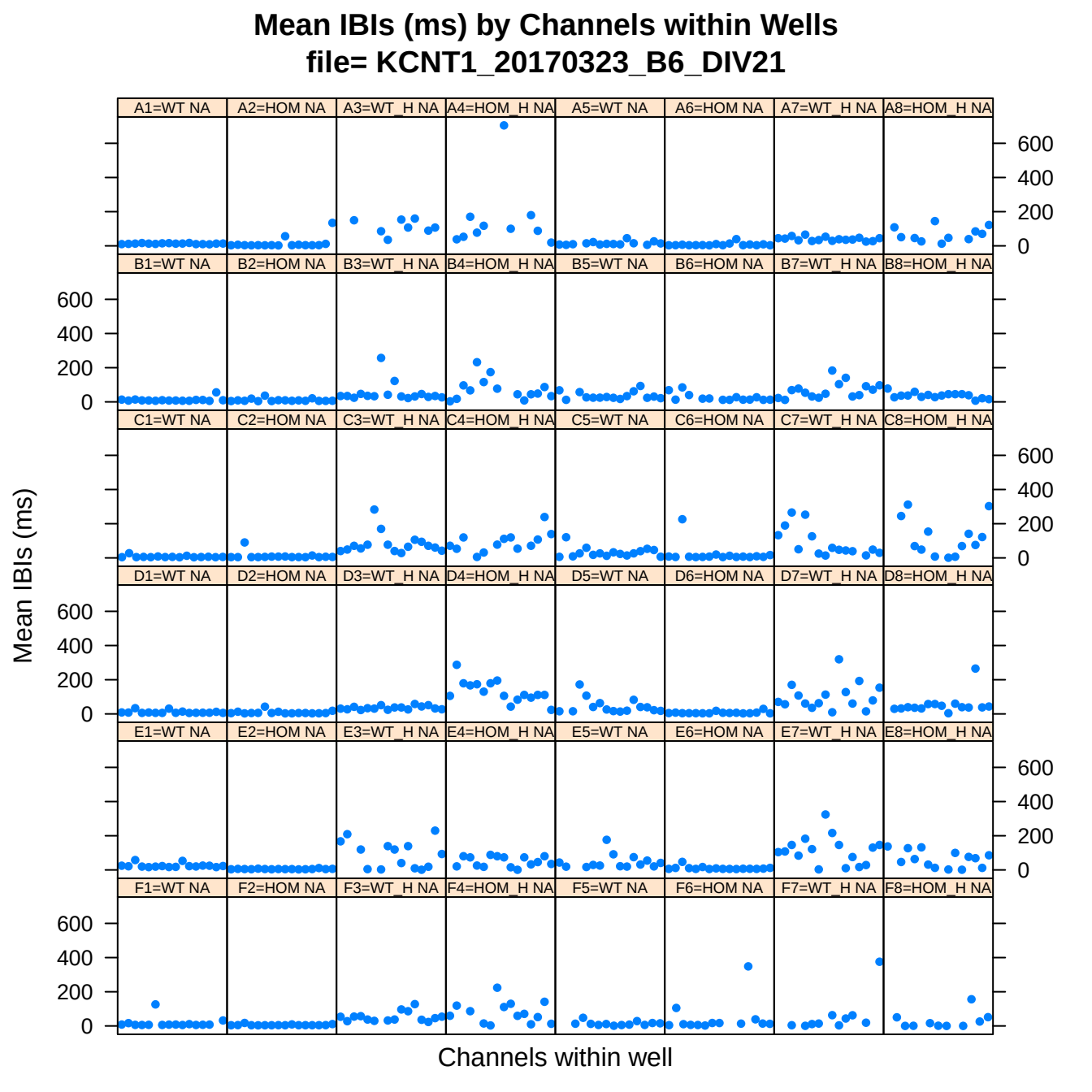

Mean Firing Rate (Hz) by Channels within Wells
file= KCNT1_20170323_B6_DIV21
A1=WT NA
A2=HOM NA
A3=WT_H NA
A4=HOM_H NA
A5=WT NA
A6=HOM NA
A7=WT_H NA
A8=HOM_H NA
B1=WT NA
B2=HOM NA
B3=WT_H NA
B4=HOM_H NA
B5=WT NA
B6=HOM NA
B7=WT_H NA
B8=HOM_H NA
C1=WT NA
C2=HOM NA
C3=WT_H NA
C4=HOM_H NA
C5=WT NA
C6=HOM NA
C7=WT_H NA
C8=HOM_H NA
D1=WT NA
D2=HOM NA
D3=WT_H NA
D4=HOM_H NA
D5=WT NA
D6=HOM NA
D7=WT_H NA
D8=HOM_H NA
E1=WT NA
E2=HOM NA
E3=WT_H NA
E4=HOM_H NA
E5=WT NA
E6=HOM NA
E7=WT_H NA
E8=HOM_H NA
F1=WT NA
F2=HOM NA
F3=WT_H NA
F4=HOM_H NA
F5=WT NA
F6=HOM NA
F7=WT_H NA
F8=HOM_H NA
0
5
10
15
20
25
Mean Firing Rate (Hz)
Channels within well

Mean Duration of Burst (s) by Channels within Wells
file= KCNT1_20170323_B6_DIV21

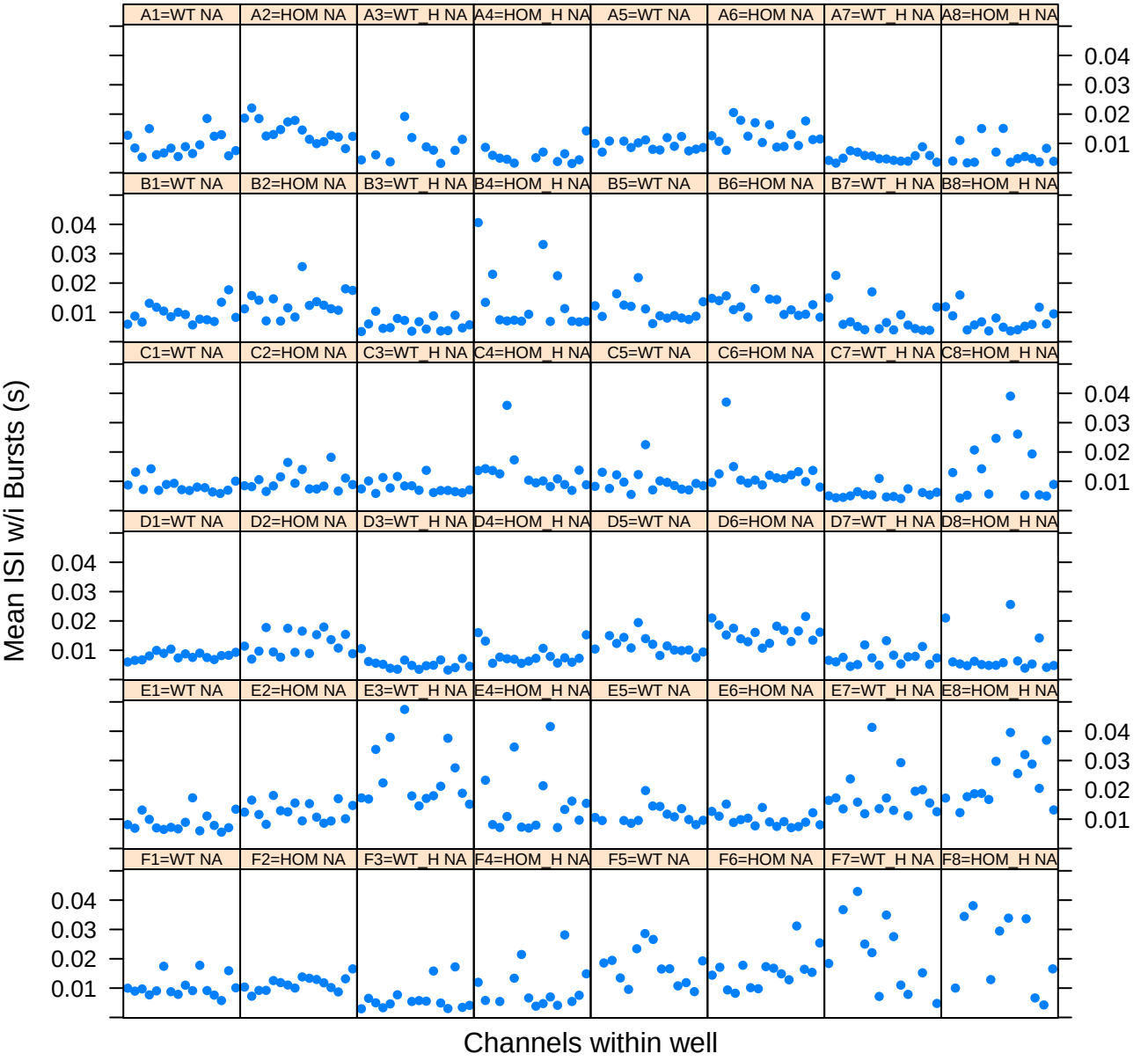


Number of Bursts by Channels within Wells
file= KCNT1_20170323_B6_DIV21

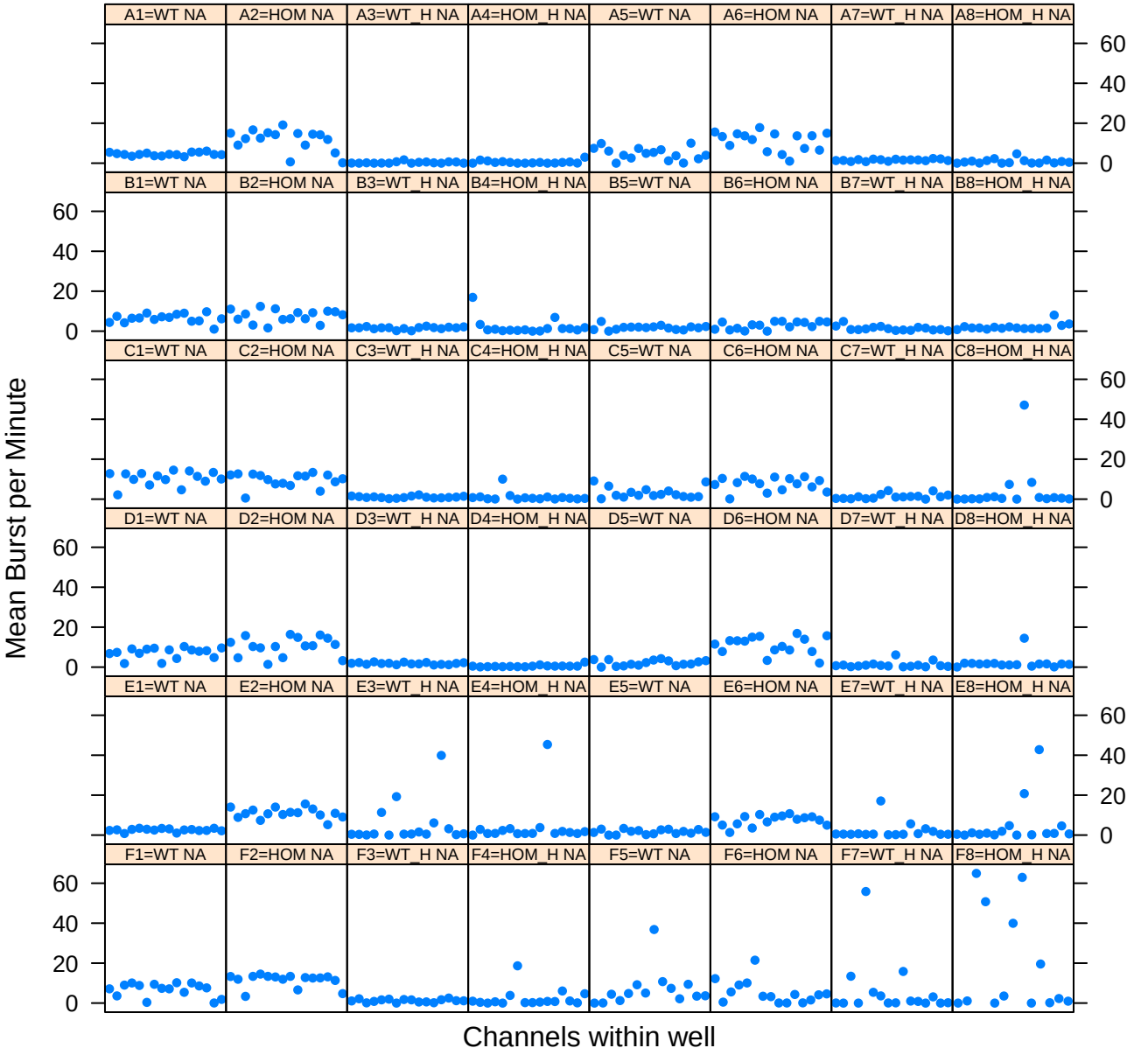



Mean IBIs (ms) by Channels within Wells
file= KCNT1_20170323_B6_DIV21
A1=WT NA
A2=HOM NA
A3=WT_H NA
A4=HOM_H NA
A5=WT NA
A6=HOM NA
A7=WT_H NA
A8=HOM_H NA
B1=WT NA
B2=HOM NA
B3=WT_H NA
B4=HOM_H NA
B5=WT NA
B6=HOM NA
B7=WT_H NA
B8=HOM_H NA
C1=WT NA
C2=HOM NA
C3=WT_H NA
C4=HOM_H NA
C5=WT NA
C6=HOM NA
C7=WT_H NA
C8=HOM_H NA
D1=WT NA
D2=HOM NA
D3=WT_H NA
D4=HOM_H NA
D5=WT NA
D6=HOM NA
D7=WT_H NA
D8=HOM_H NA
E1=WT NA
E2=HOM NA
E3=WT_H NA
E4=HOM_H NA
E5=WT NA
E6=HOM NA
E7=WT_H NA
E8=HOM_H NA
F1=WT NA
F2=HOM NA
F3=WT_H NA
F4=HOM_H NA
F5=WT NA
F6=HOM NA
F7=WT_H NA
F8=HOM_H NA
0
200
400
600
Mean IBIs (ms)
Channels within well

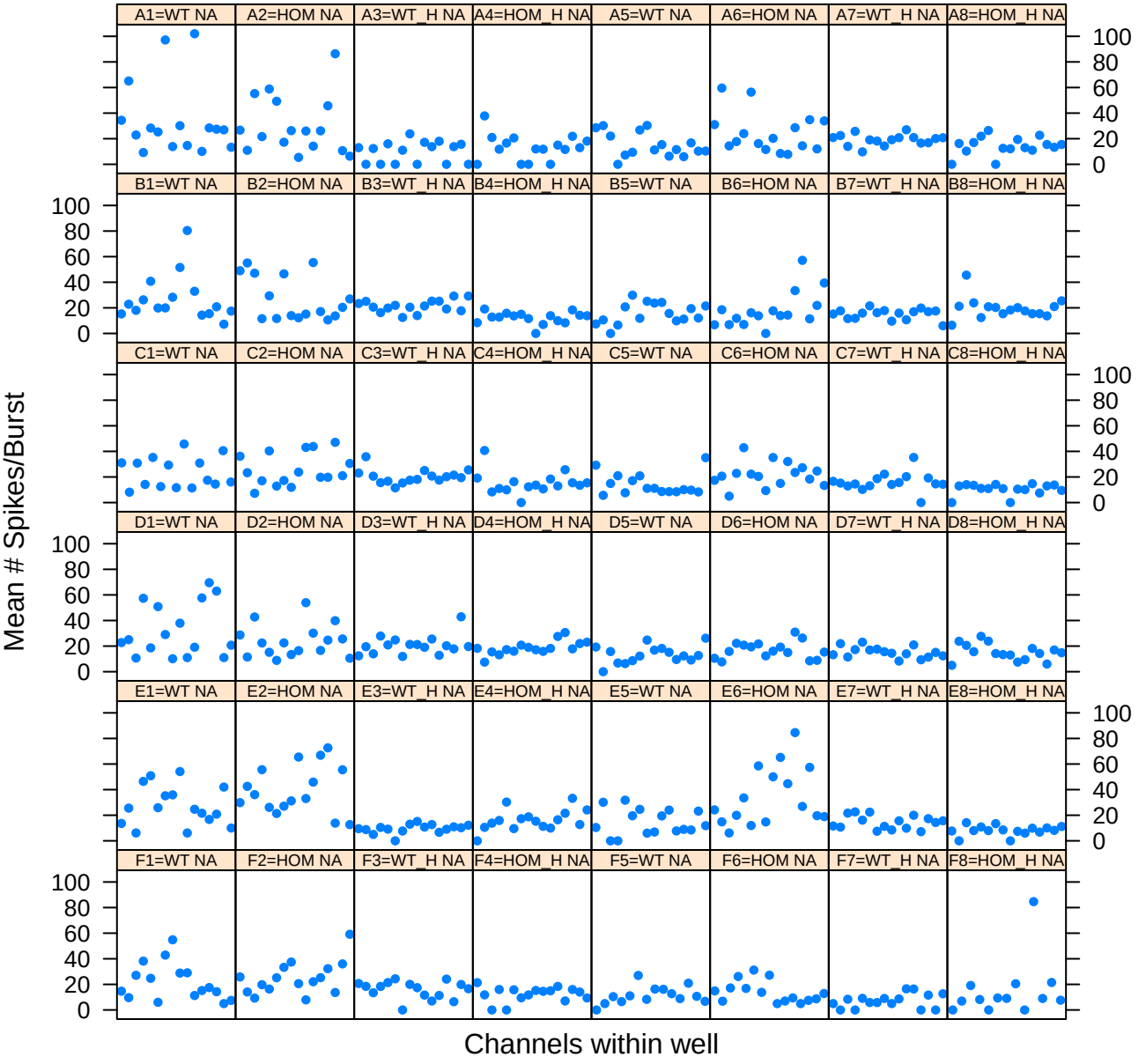
Mean ISI w/i Bursts (s) by Channels within Wells
file= KCNT1_20170323_B6_DIV21

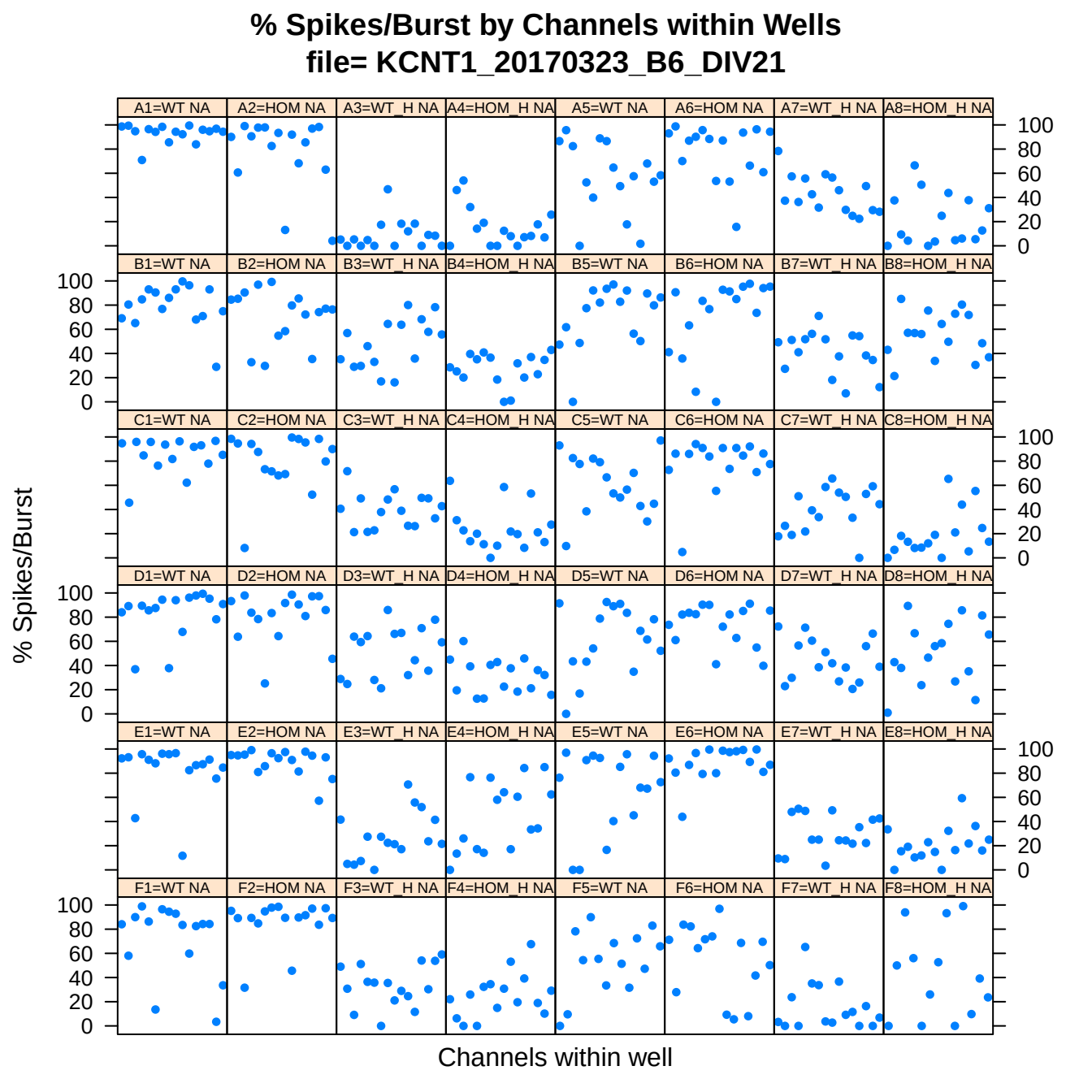


Mean Burst per Minute by Channels within Wells
file= KCNT1_20170323_B6_DIV21



Mean # Spikes/Burst by Channels within Wells
file= KCNT1_20170323_B6_DIV21




% Spikes/Burst by Channels within Wells
file= KCNT1_20170323_B6_DIV21
A1=WT NA
A2=HOM NA
A3=WT_H NA
A4=HOM_H NA
A5=WT NA
A6=HOM NA
A7=WT_H NA
A8=HOM_H NA
B1=WT NA
B2=HOM NA
B3=WT_H NA
B4=HOM_H NA
B5=WT NA
B6=HOM NA
B7=WT_H NA
B8=HOM_H NA
C1=WT NA
C2=HOM NA
C3=WT_H NA
C4=HOM_H NA
C5=WT NA
C6=HOM NA
C7=WT_H NA
C8=HOM_H NA
D1=WT NA
D2=HOM NA
D3=WT_H NA
D4=HOM_H NA
D5=WT NA
D6=HOM NA
D7=WT_H NA
D8=HOM_H NA
E1=WT NA
E2=HOM NA
E3=WT_H NA
E4=HOM_H NA
E5=WT NA
E6=HOM NA
E7=WT_H NA
E8=HOM_H NA
F1=WT NA
F2=HOM NA
F3=WT_H NA
F4=HOM_H NA
F5=WT NA
F6=HOM NA
F7=WT_H NA
F8=HOM_H NA
0
20
40
60
80
100
% Spikes/Burst
Channels within well