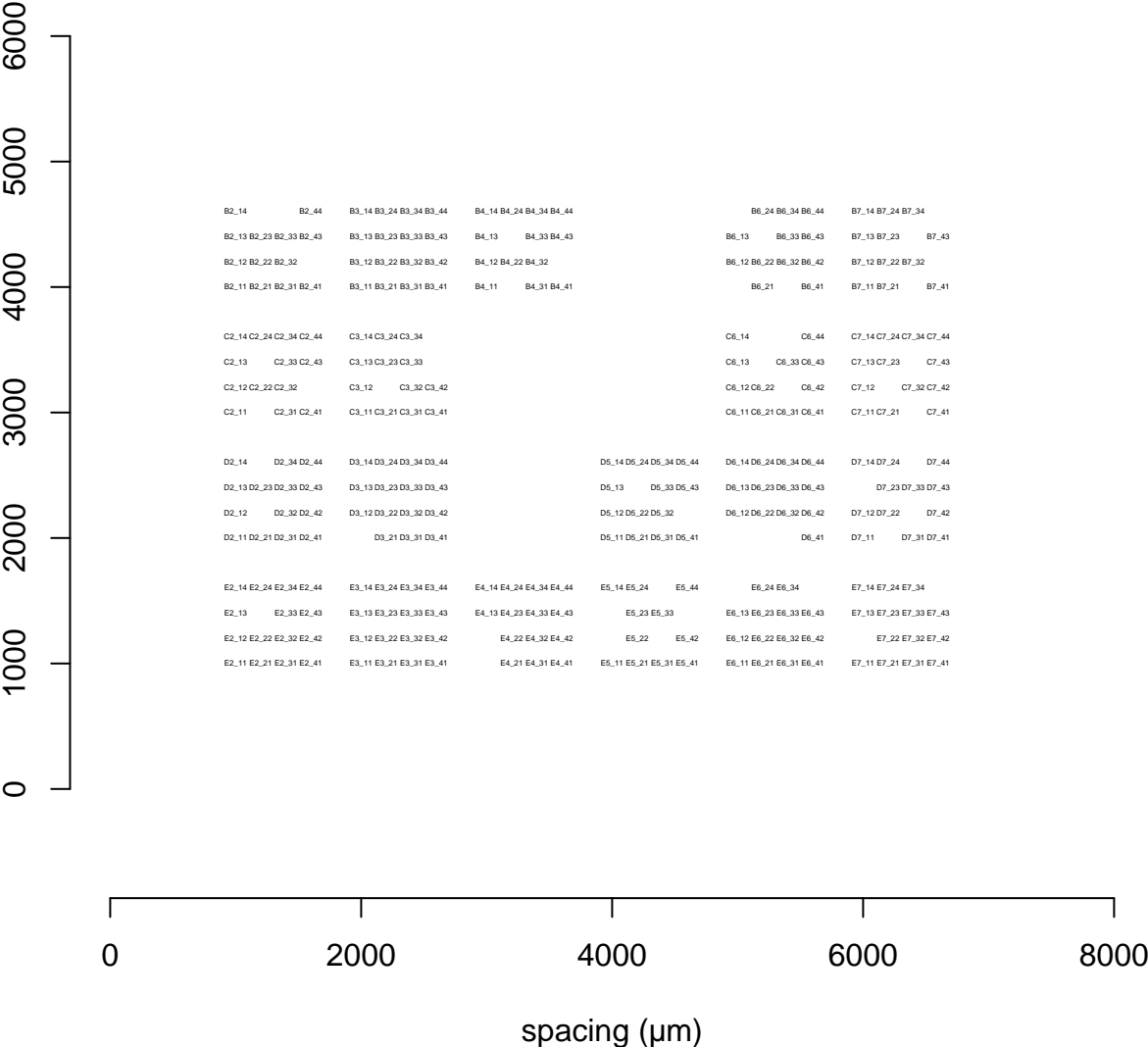
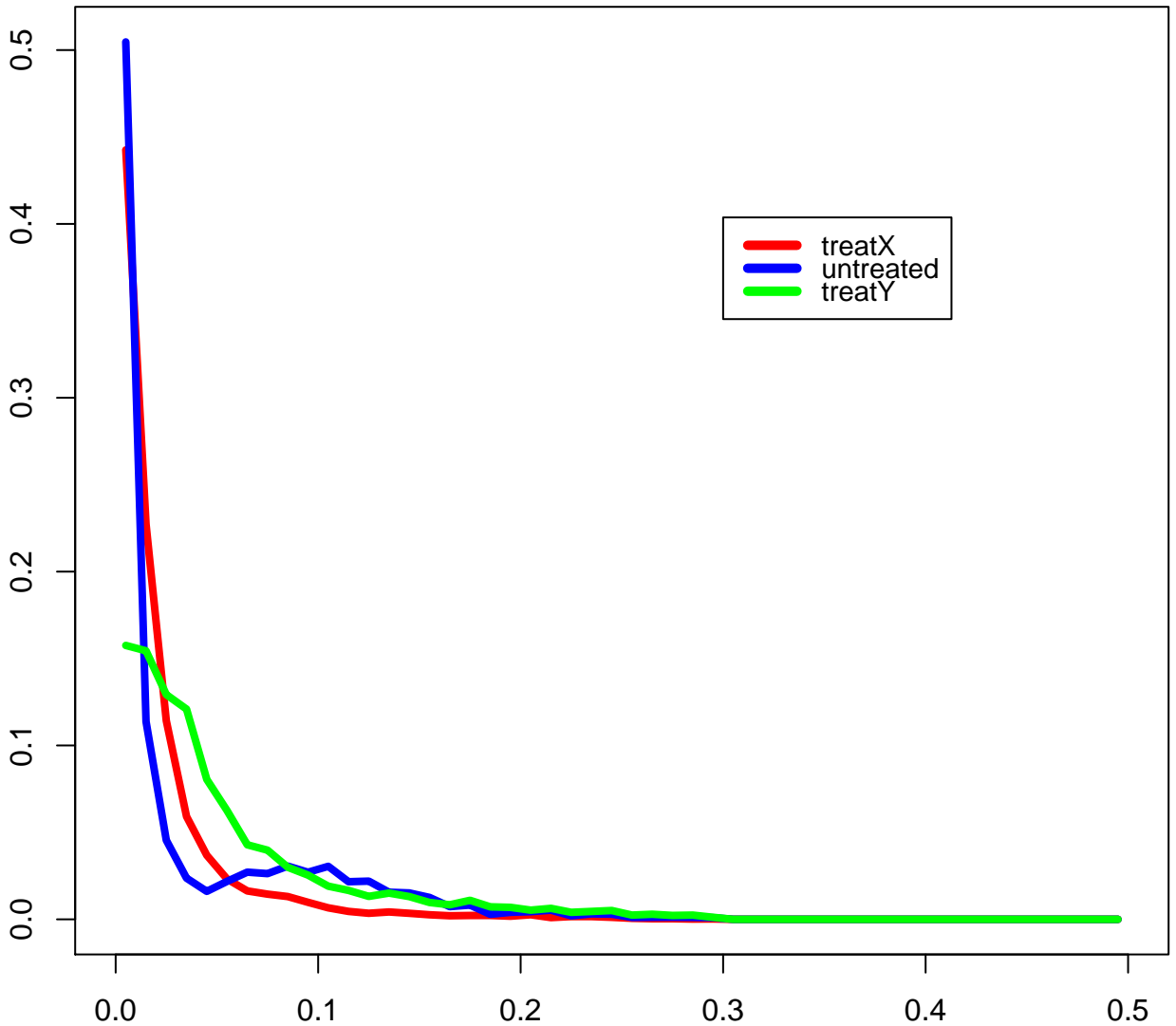


Electrode Layout

file= exampleRecording\_1012016\_plate1\_DIV3



## isi by treatment

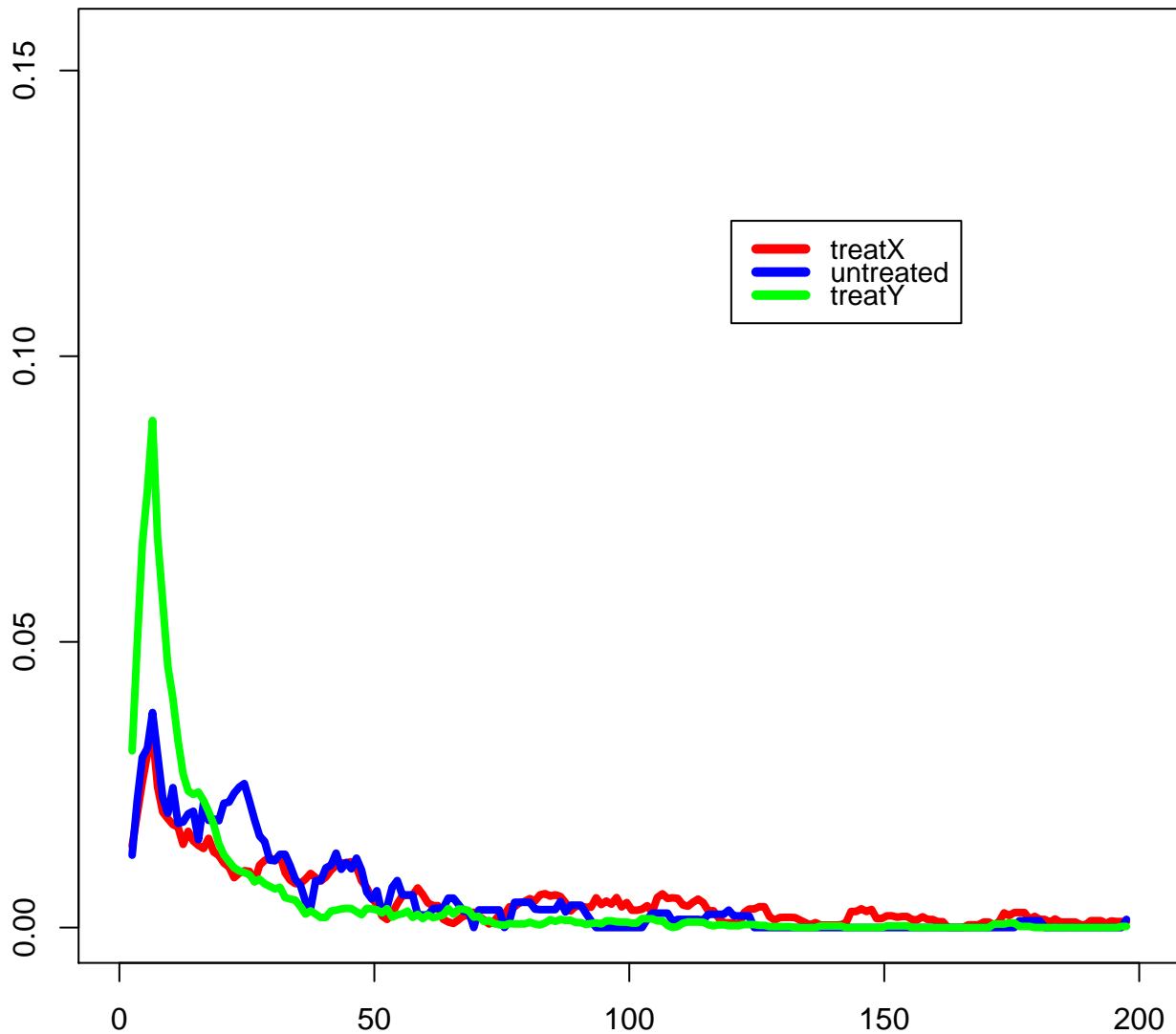


K-S test for treatX vs. untreated : 0.39, for: isi

K-S test for treatX vs. treatY : 0.11, for: isi

K-S test for untreated vs. treatY : 0.96, for: isi

## nspikes\_in\_burst by treatment

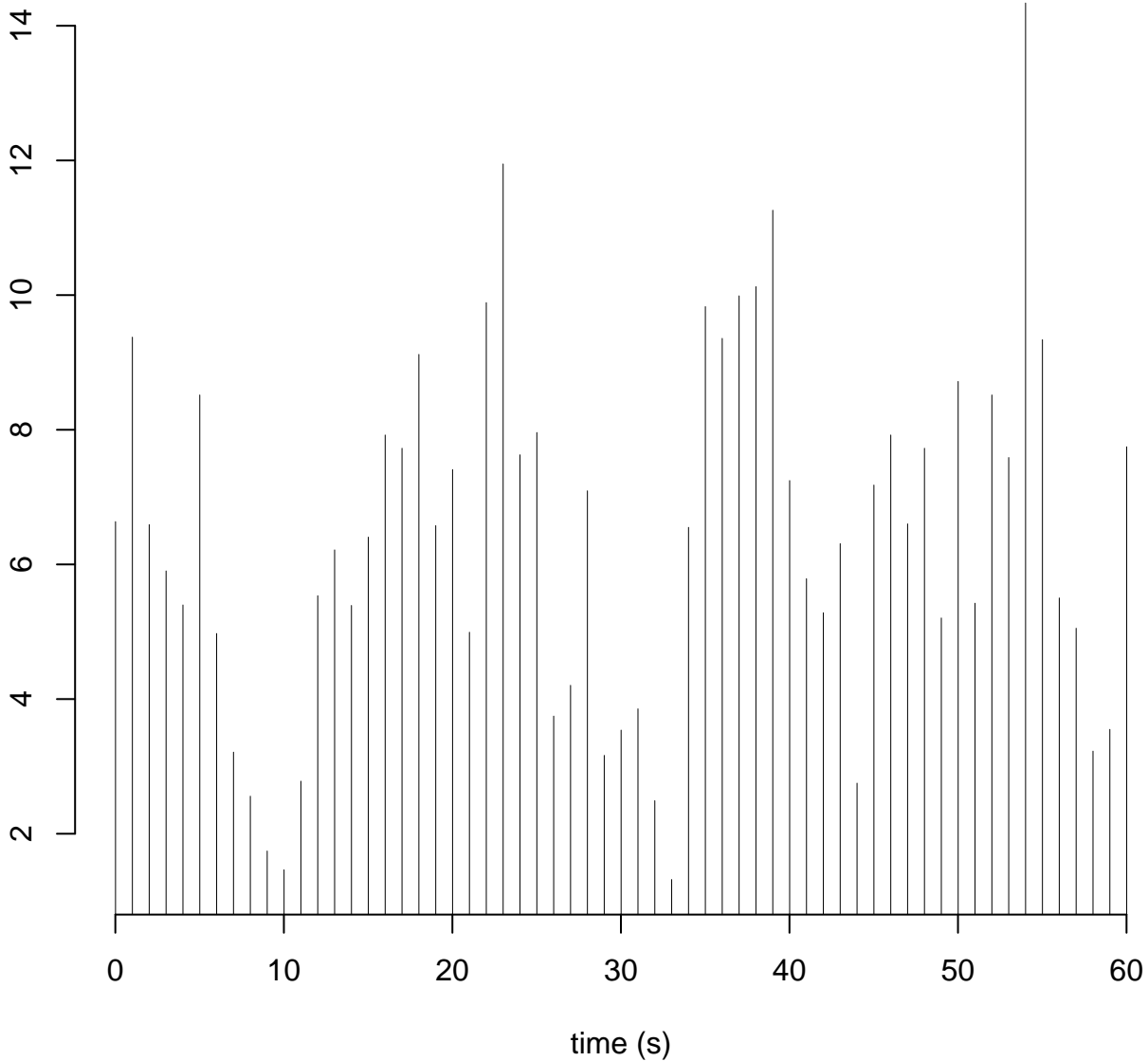


K-S test for treatX vs. untreated :  $9e-09$ , for: nspikes\_in\_burst

K-S test for treatX vs. treatY :  $1.8e-10$ , for: nspikes\_in\_burst

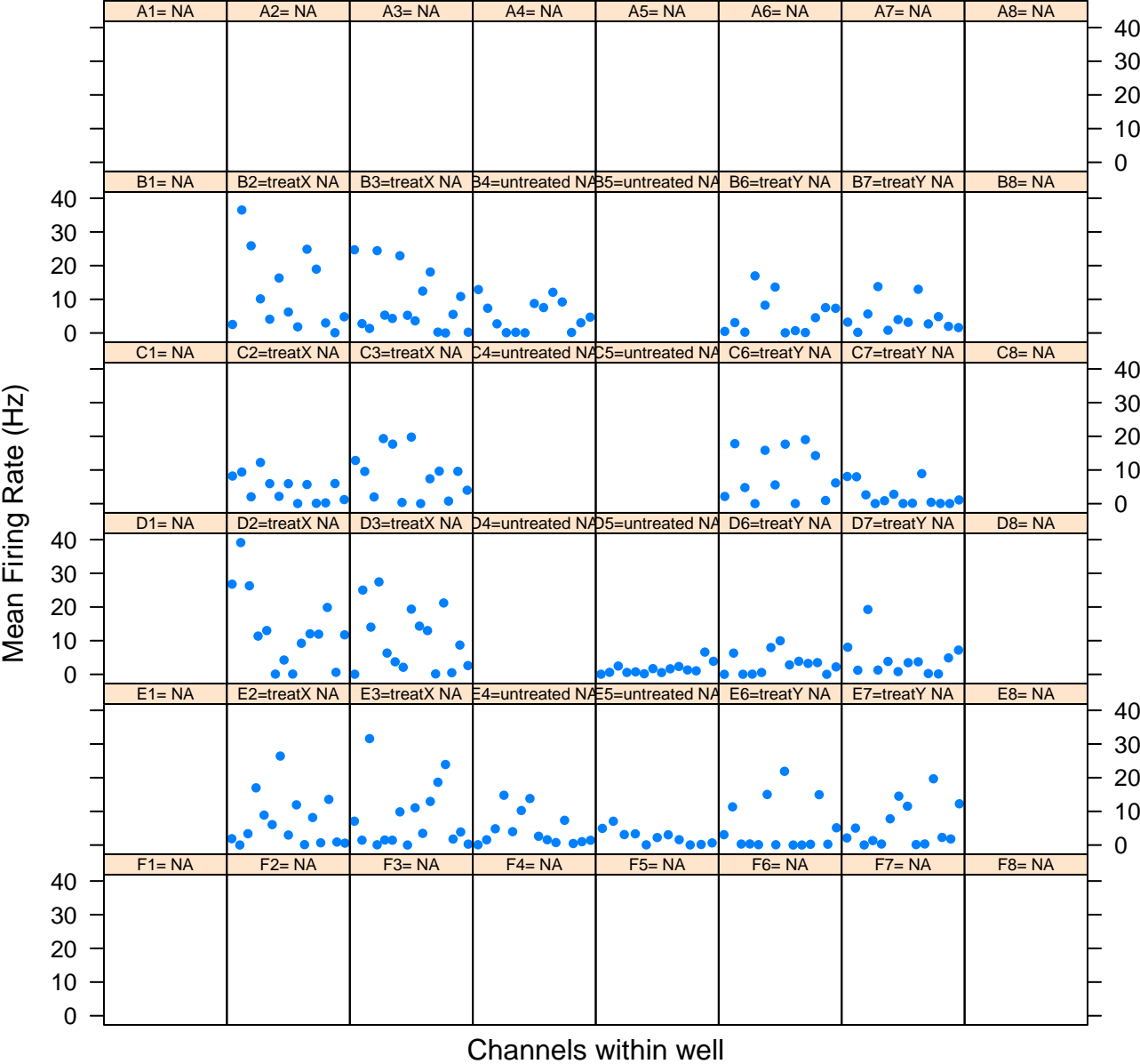
K-S test for untreated vs. treatY :  $0.022$ , for: nspikes\_in\_burst

**Mean Firing Rate by Plate (Hz)**



Mean Firing Rate (Hz) by Channels within Wells

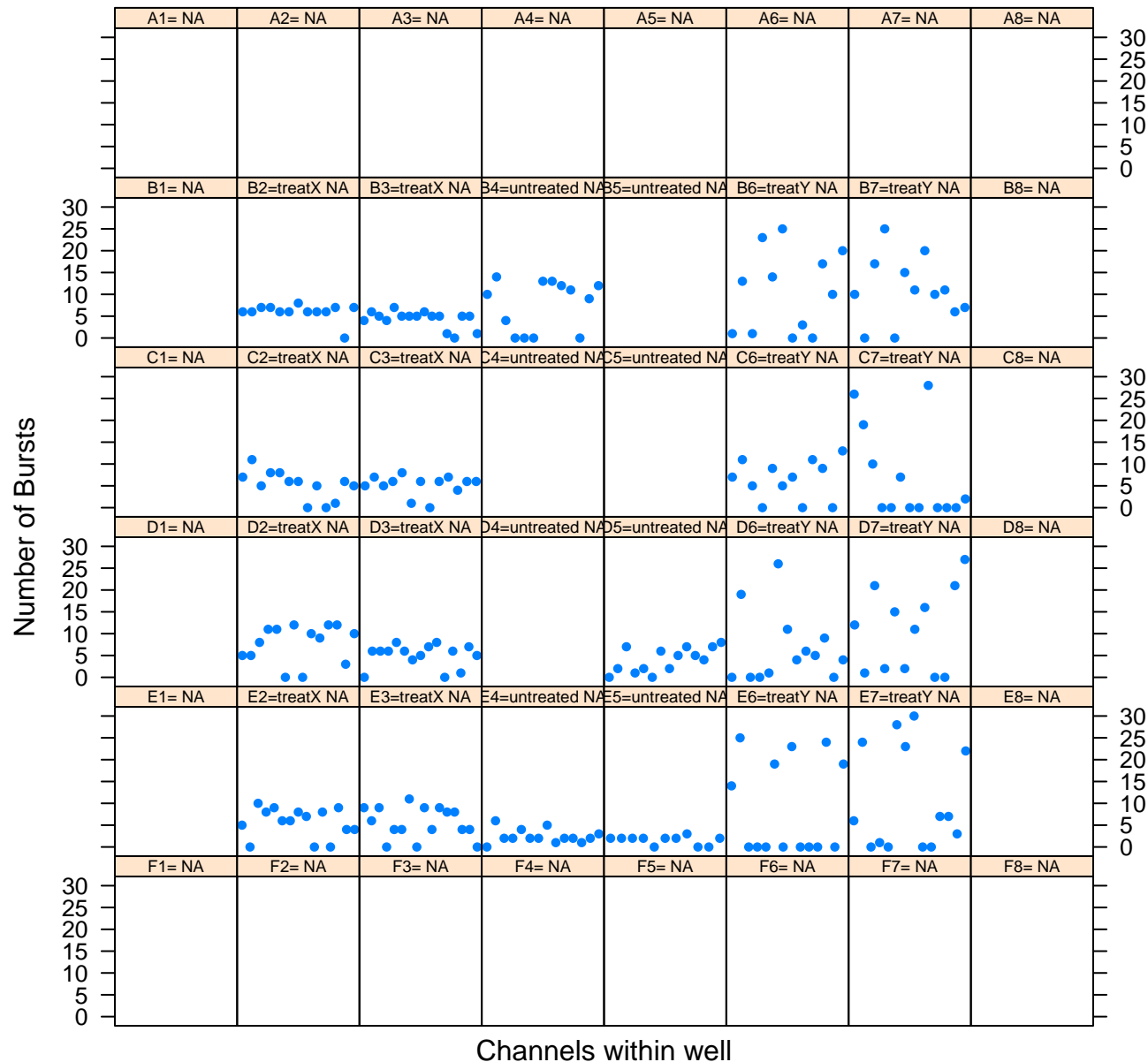
file= exampleRecording\_1012016\_plate1\_DIV3



**file= exampleRecording\_1012016\_plate1\_DIV3**

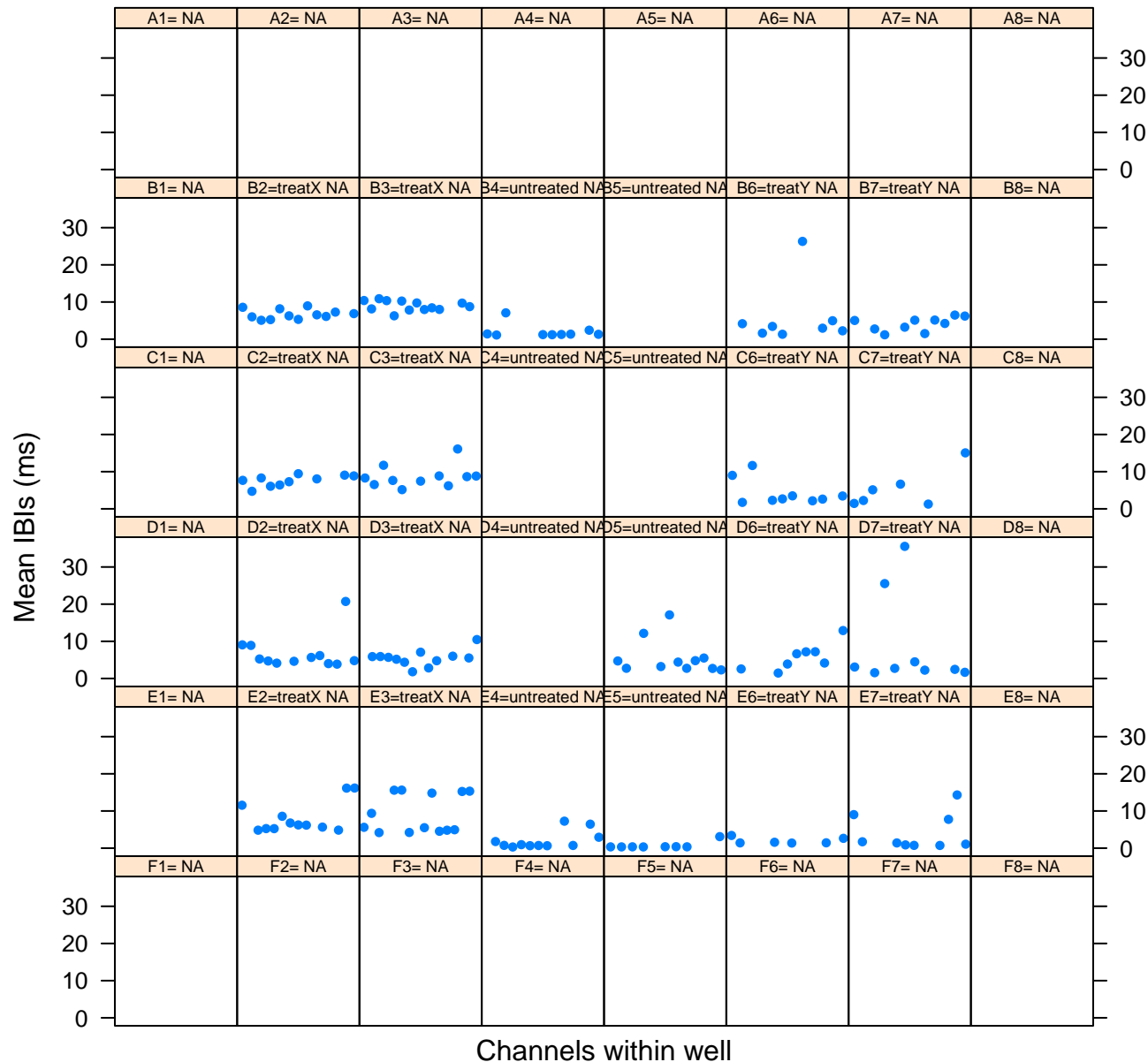


**Number of Bursts by Channels within Wells**  
**file= exampleRecording\_1012016\_plate1\_DIV3**



# Mean IBIs (ms) by Channels within Wells

## file= exampleRecording\_1012016\_plate1\_DIV3



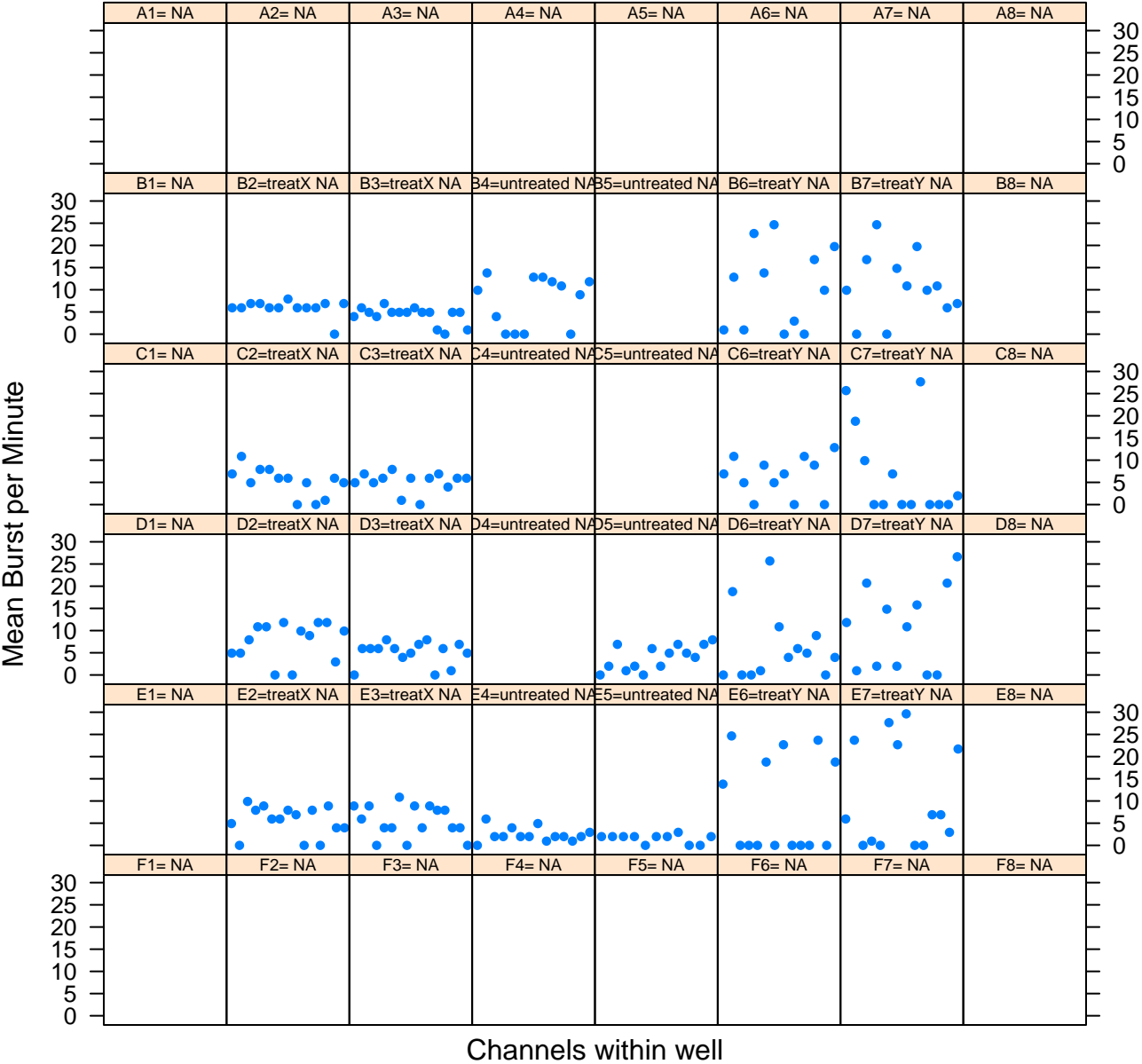


## file= exampleRecording\_1012016\_plate1\_DIV3



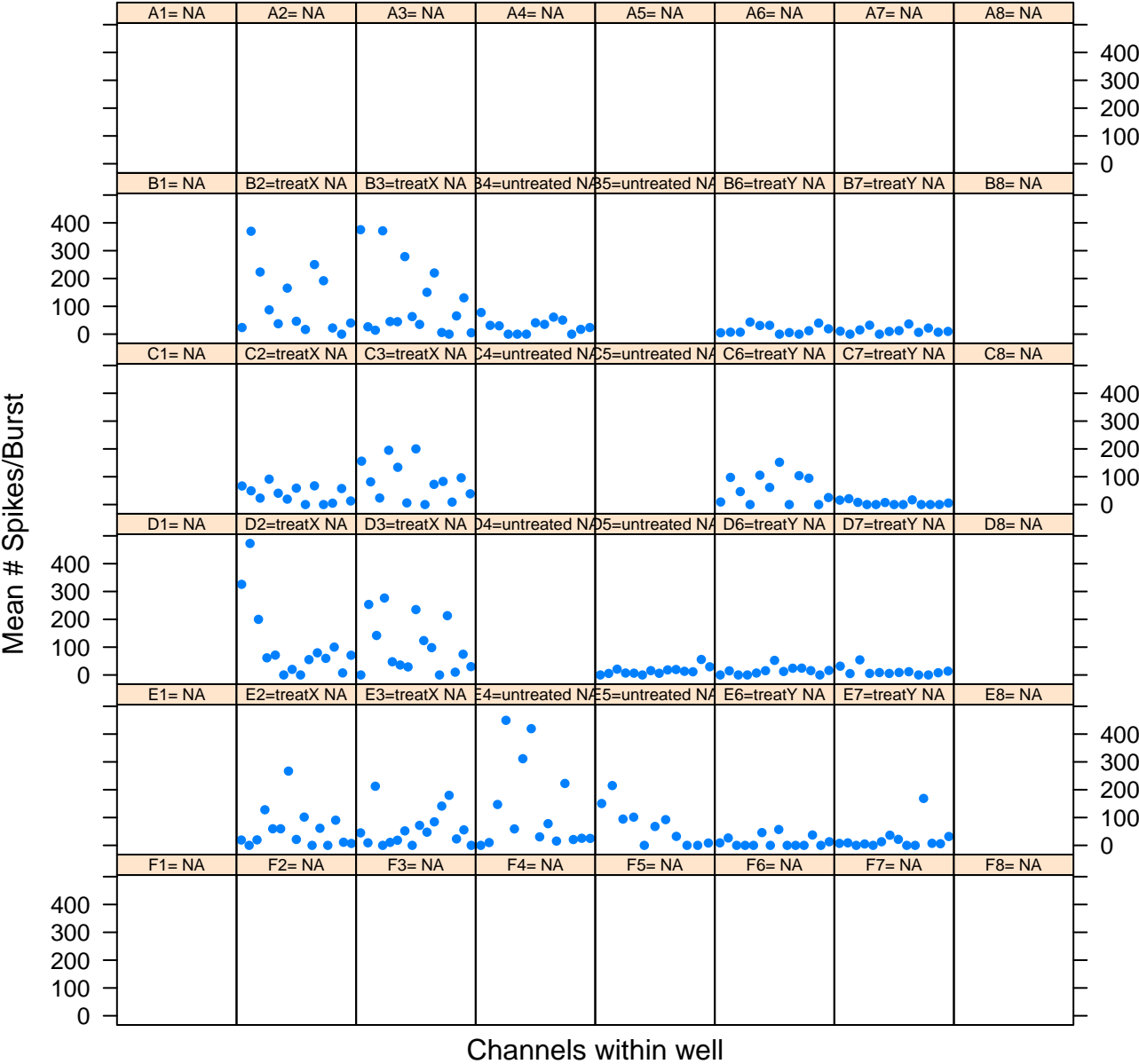
Mean Burst per Minute by Channels within Wells

file= exampleRecording\_1012016\_plate1\_DIV3



Mean # Spikes/Burst by Channels within Wells

file= exampleRecording\_1012016\_plate1\_DIV3



# % Spikes/Burst by Channels within Wells

## file= exampleRecording\_1012016\_plate1\_DIV3

