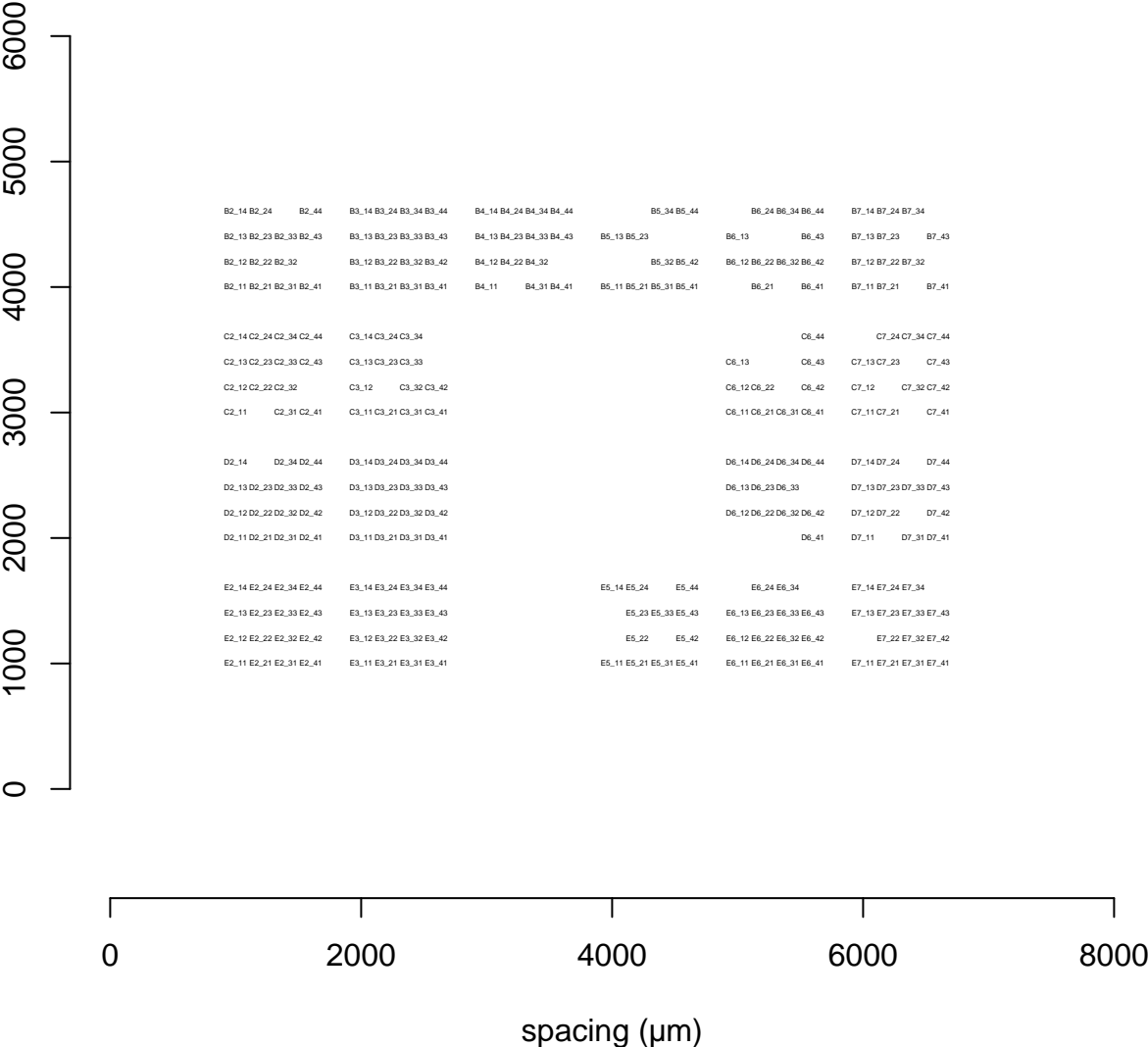
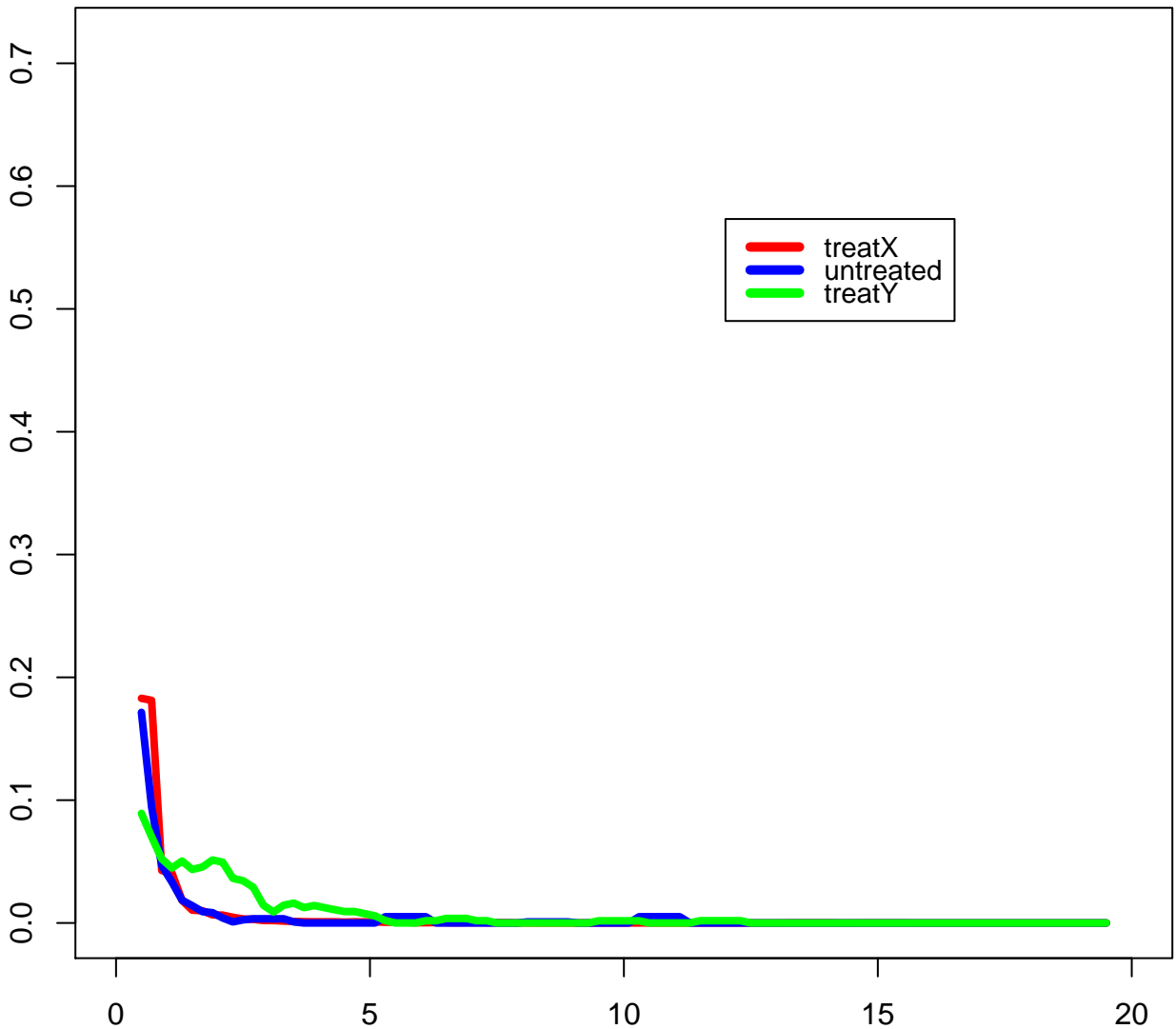


# Electrode Layout

file= exampleRecording\_1012016\_plate1\_DIV1



## ibi by treatment

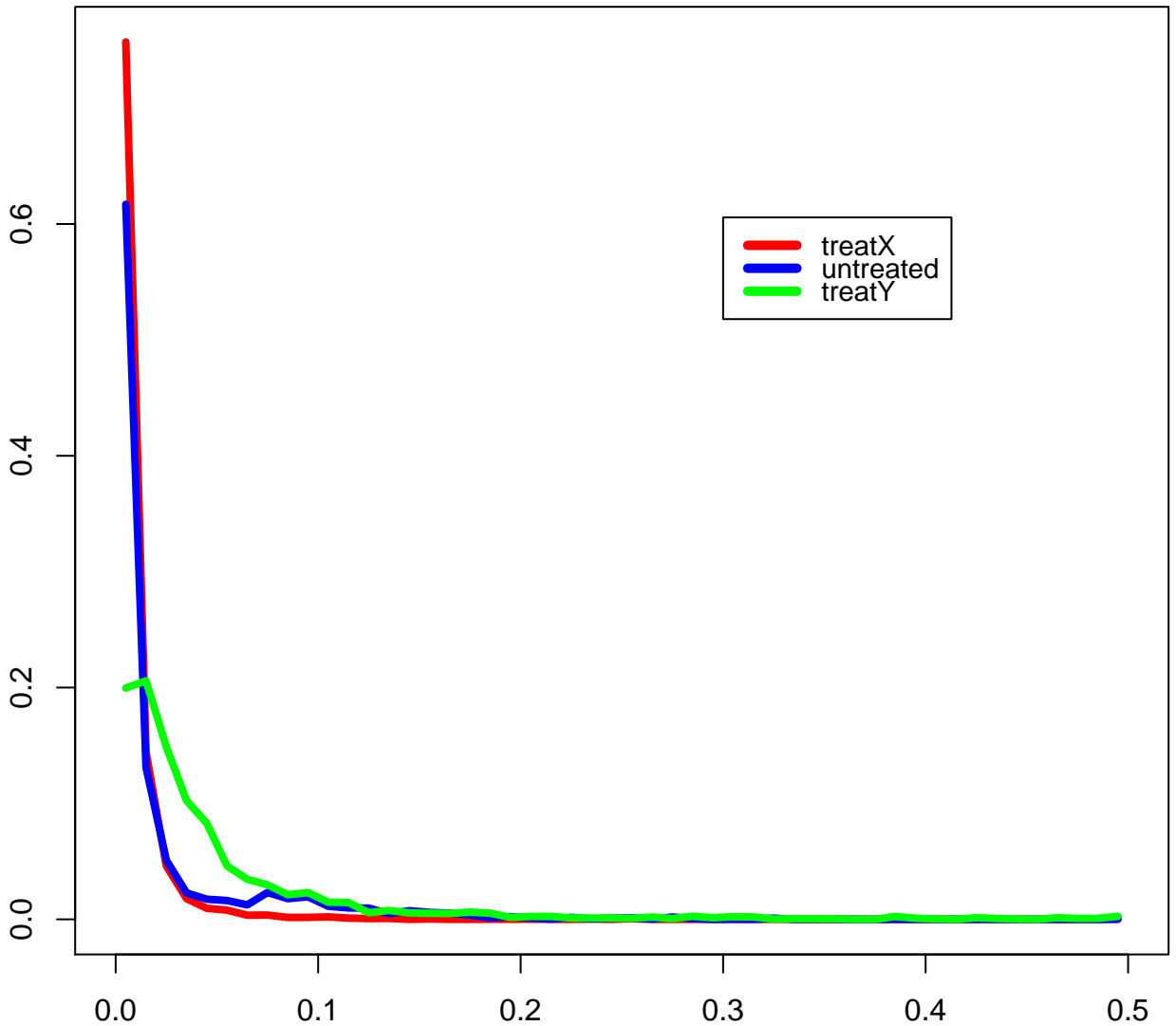


K-S test for treatX vs. untreated : 0.054, for: ibi

K-S test for treatX vs. treatY : 0.078, for: ibi

K-S test for untreated vs. treatY : 0.21, for: ibi

## isi by treatment

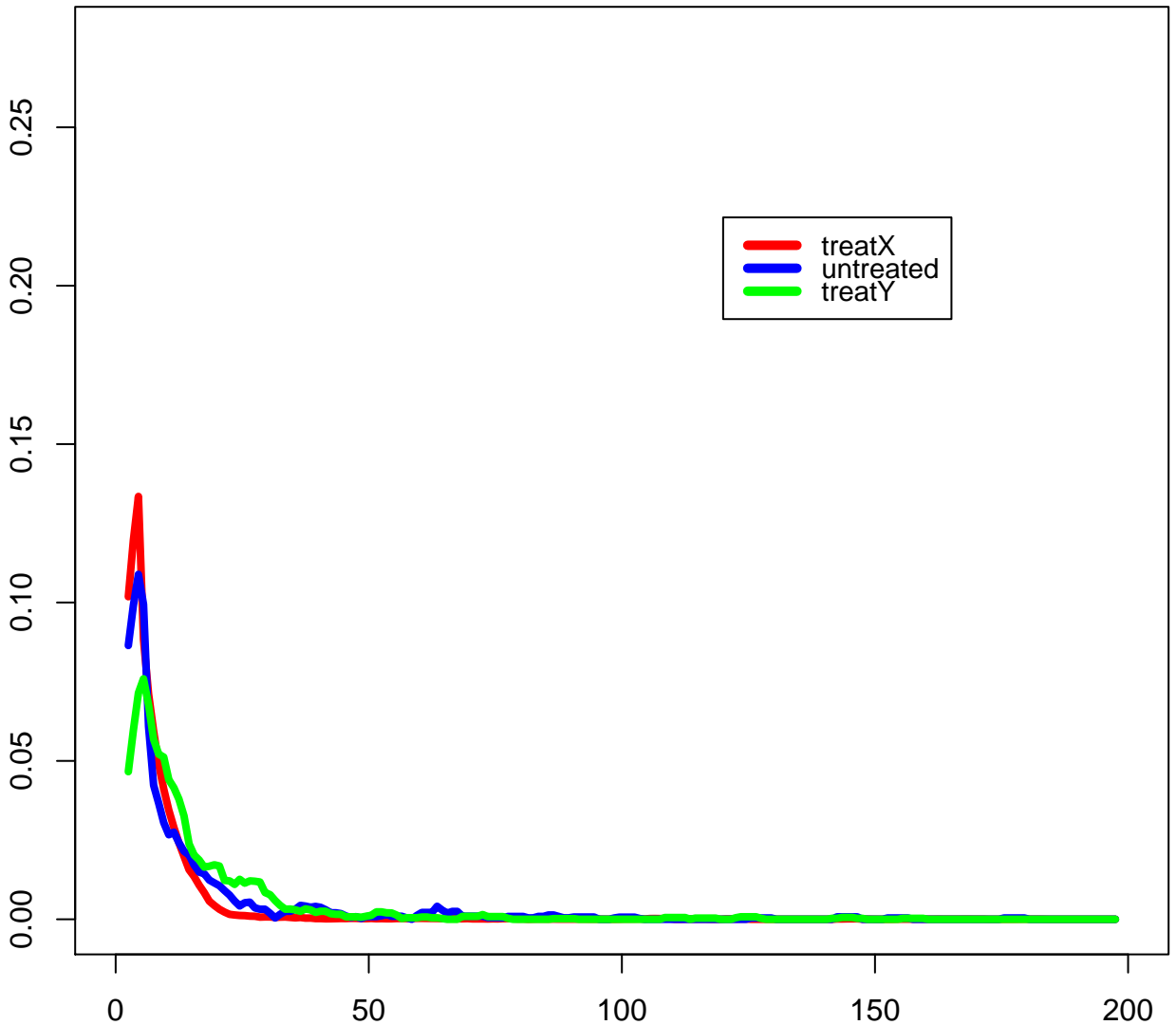


K-S test for treatX vs. untreated : 0.04, for: isi

K-S test for treatX vs. treatY :  $3.1\text{e-}07$ , for: isi

K-S test for untreated vs. treatY : 0.0062, for: isi

## nspikes\_in\_burst by treatment

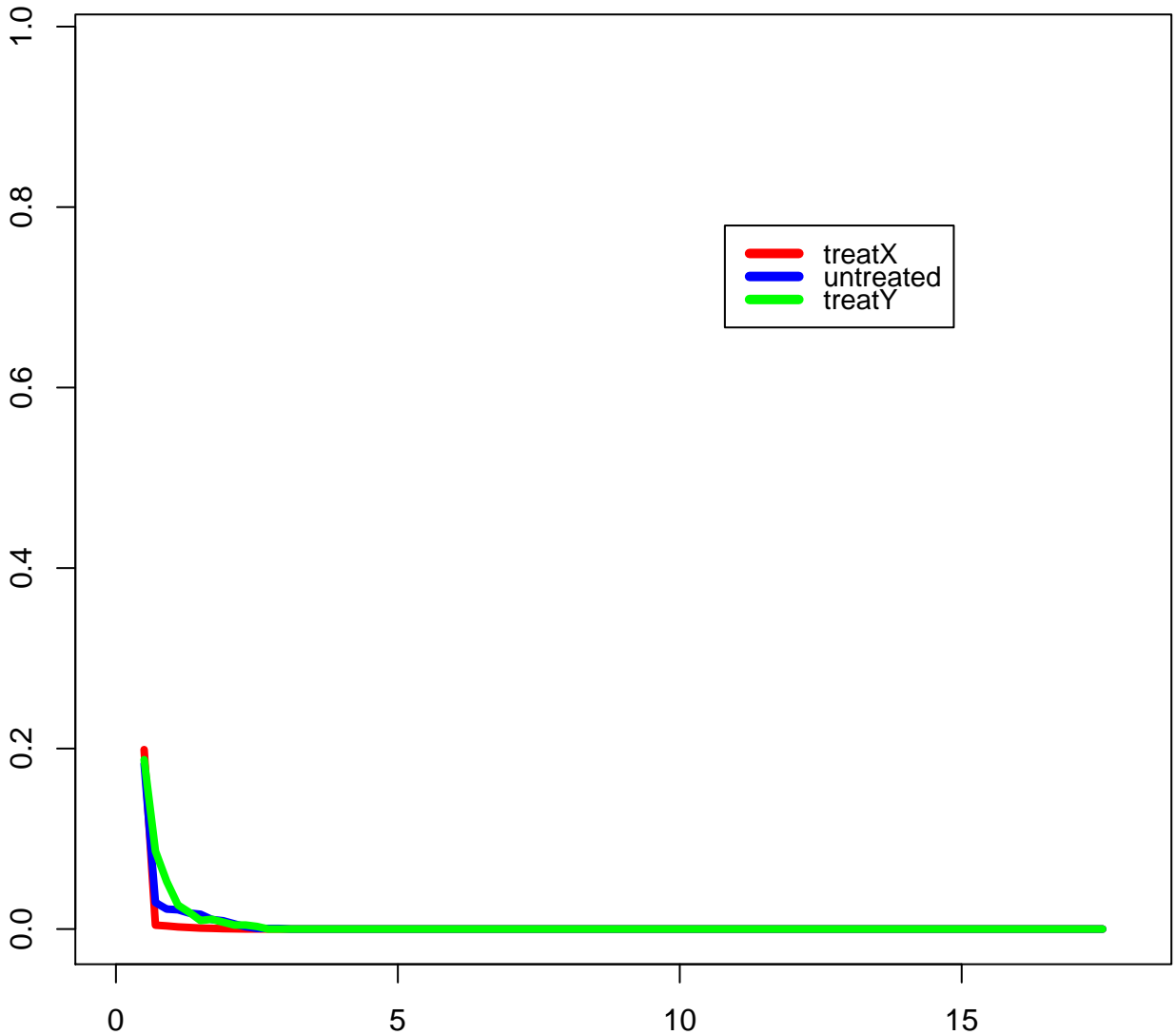


K-S test for treatX vs. untreated : 0.0021, for: nspikes\_in\_burst

K-S test for treatX vs. treatY : 0.0044, for: nspikes\_in\_burst

K-S test for untreated vs. treatY : 0.86, for: nspikes\_in\_burst

## duration by treatment

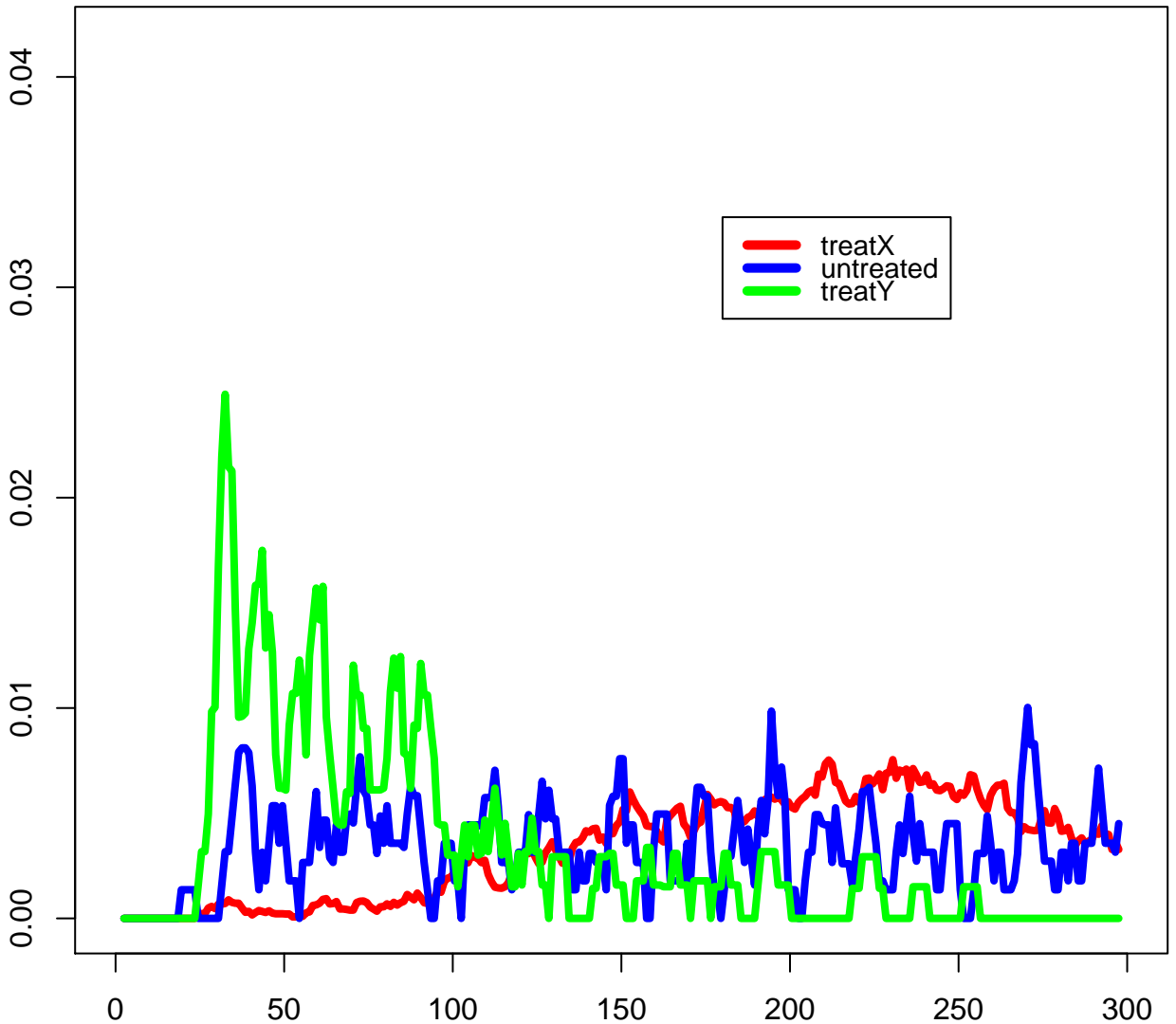


K-S test for treatX vs. untreated : 0.76, for: duration

K-S test for treatX vs. treatY : 0.76, for: duration

K-S test for untreated vs. treatY : 1, for: duration

# spikes\_density\_in\_burst by treatment

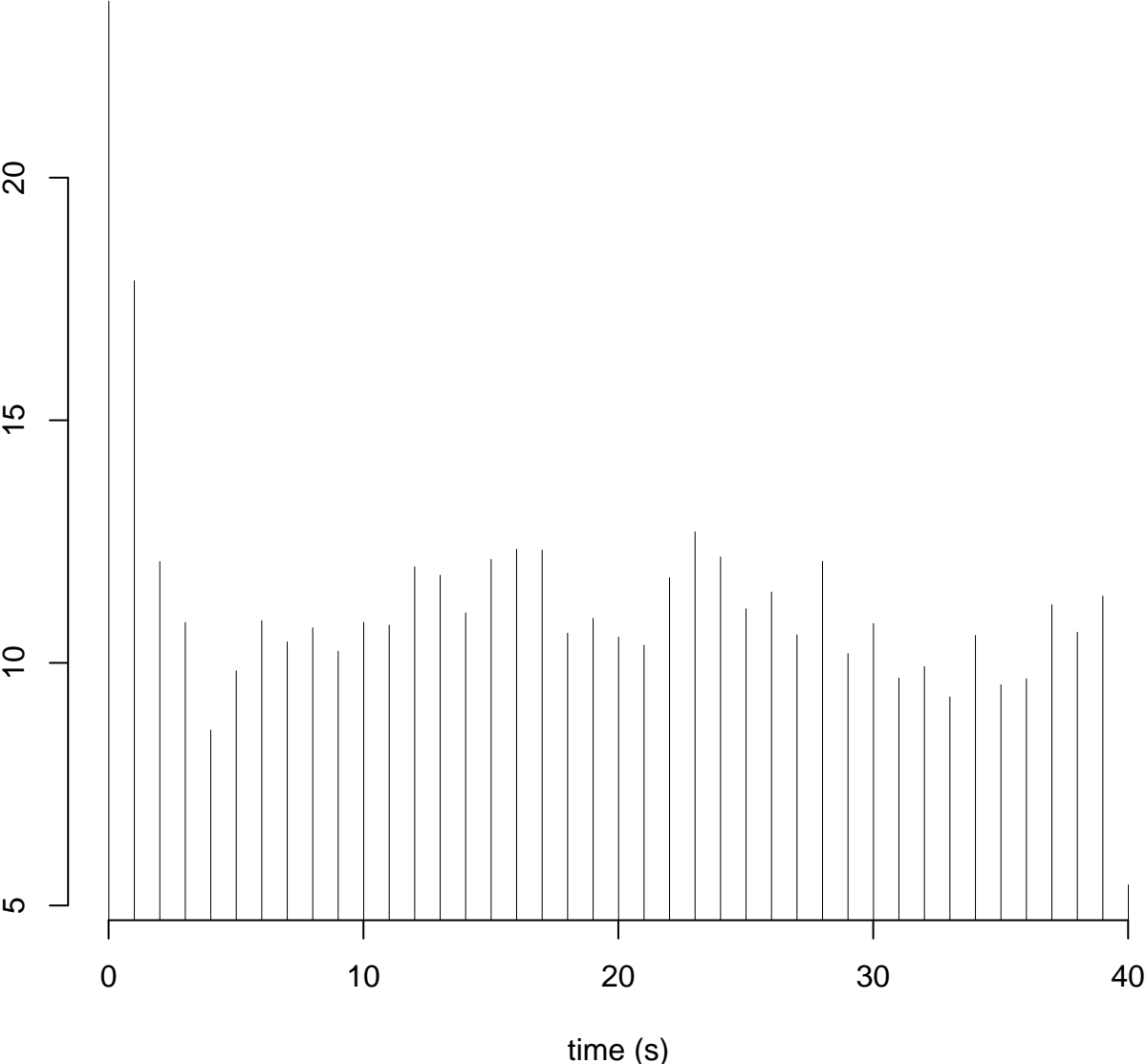


K-S test for treatX vs. untreated : 0, for: spikes\_density\_in\_burst

K-S test for treatX vs. treatY : 0, for: spikes\_density\_in\_burst

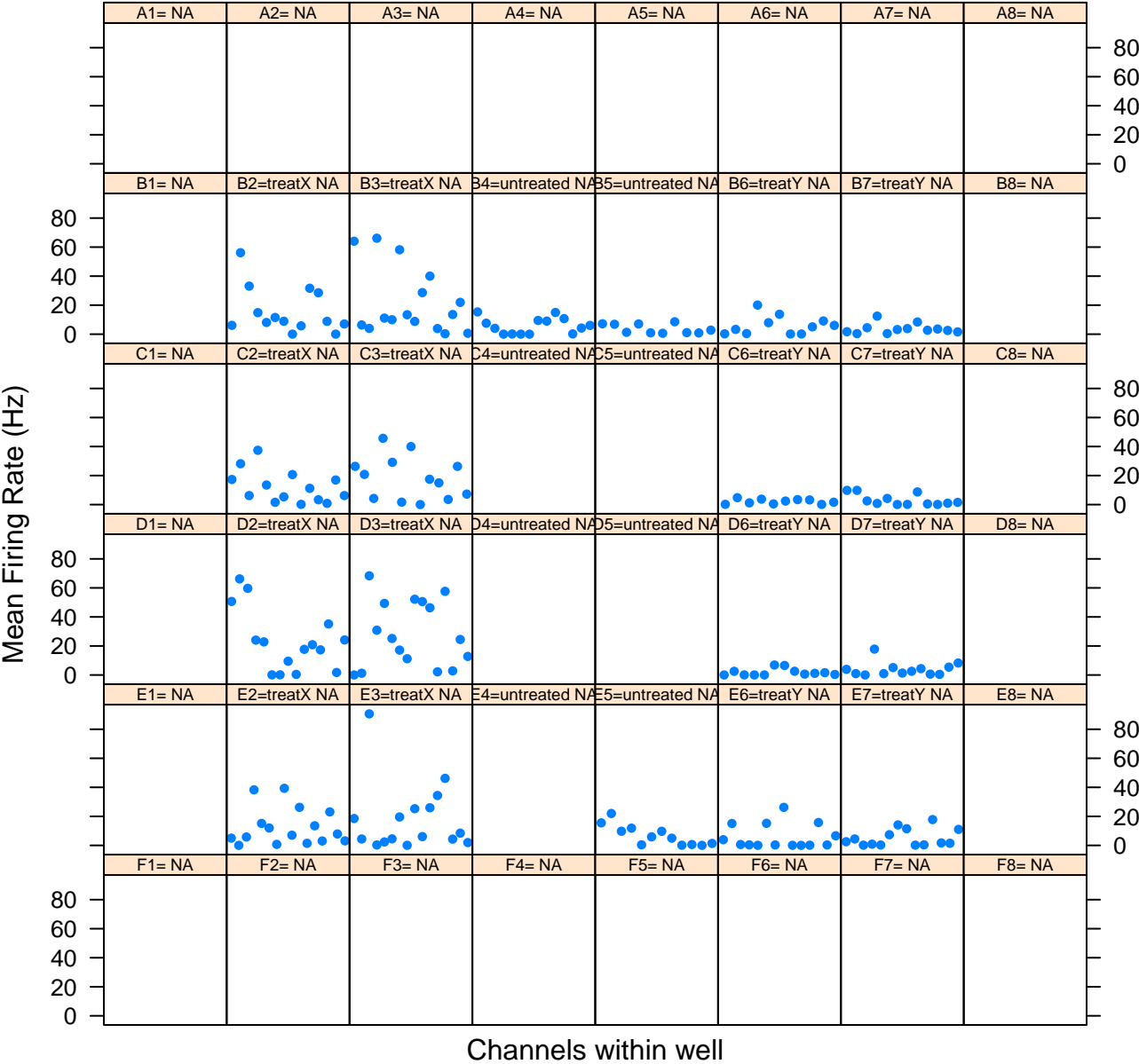
K-S test for untreated vs. treatY : 0.12, for: spikes\_density\_in\_burst

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



Mean Firing Rate (Hz) by Channels within Wells

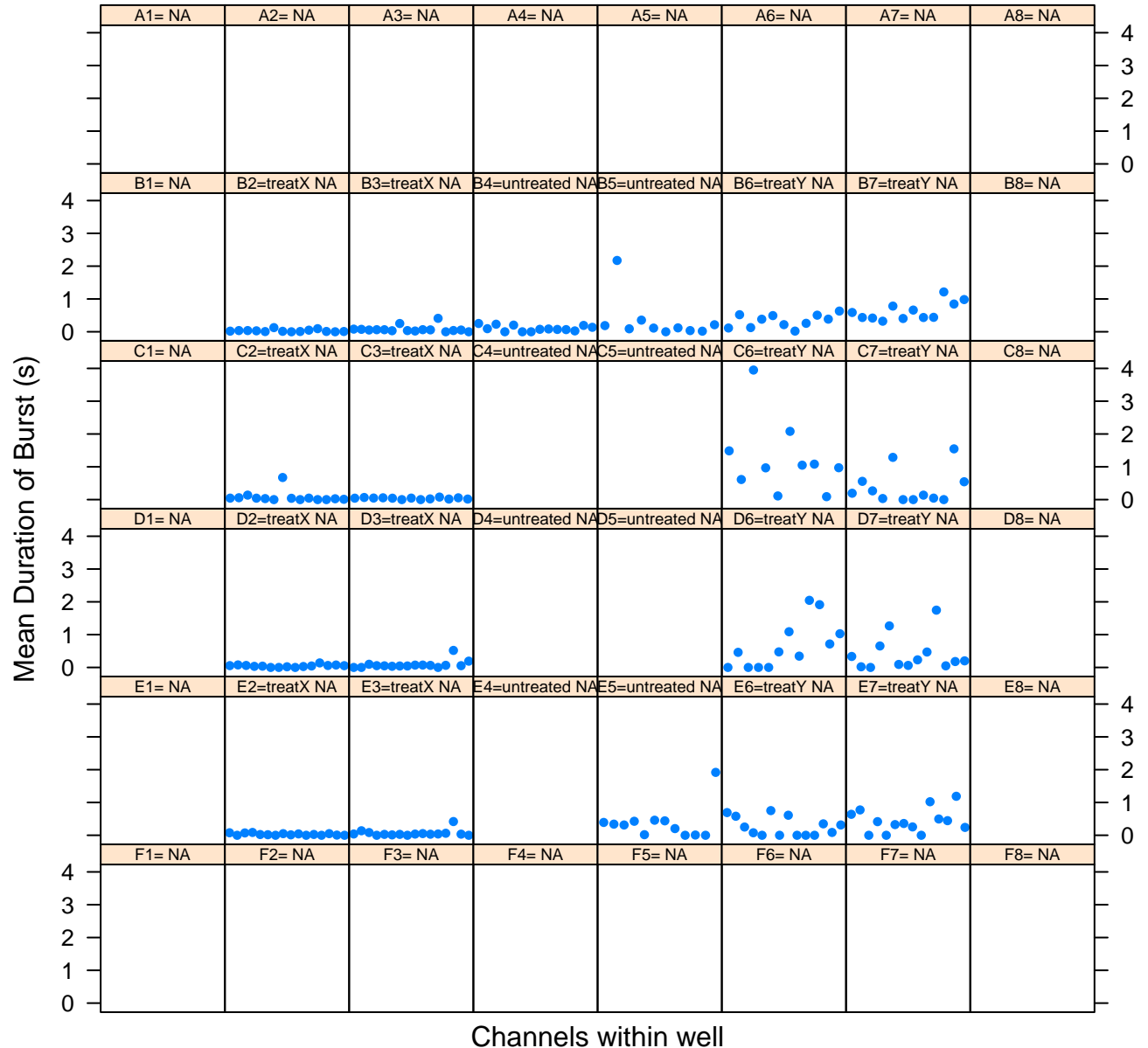
file= exampleRecording\_1012016\_plate1\_DIV1





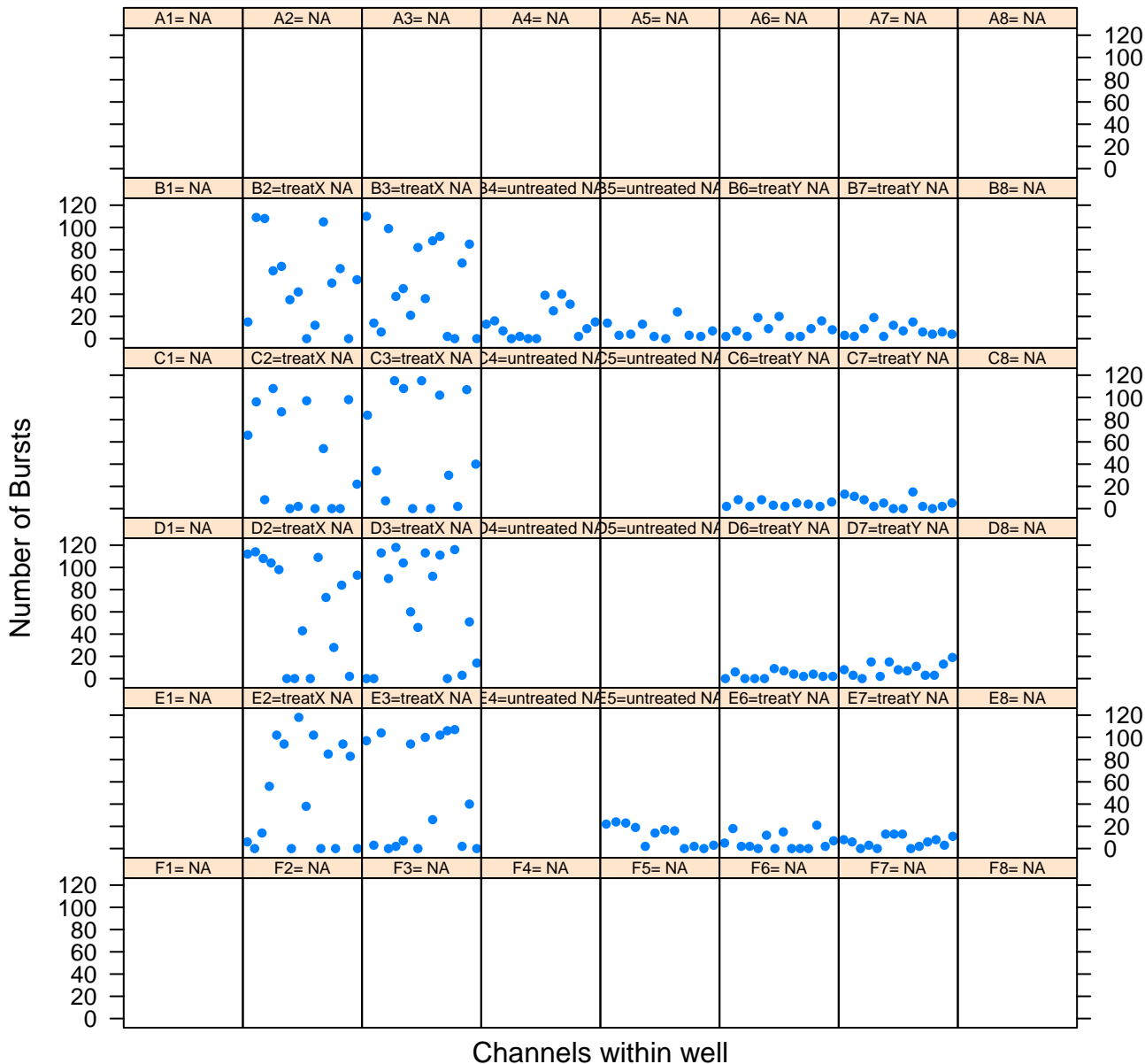
# Mean Duration of Burst (s) by Channels within Wells

file= exampleRecording\_1012016\_plate1\_DIV1



# Number of Bursts by Channels within Wells

file= exampleRecording\_1012016\_plate1\_DIV1

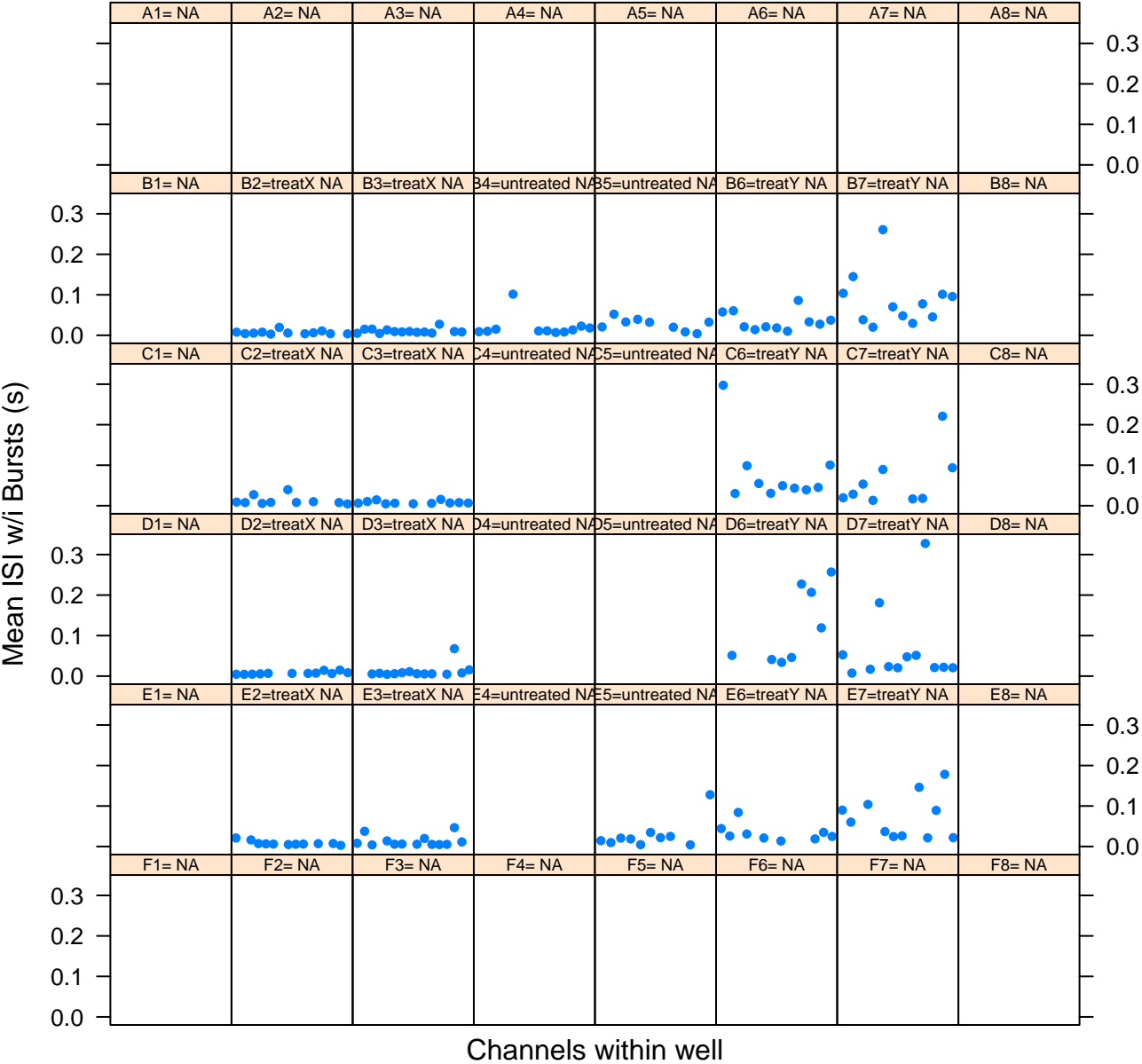


**file= exampleRecording\_1012016\_plate1\_DIV1**



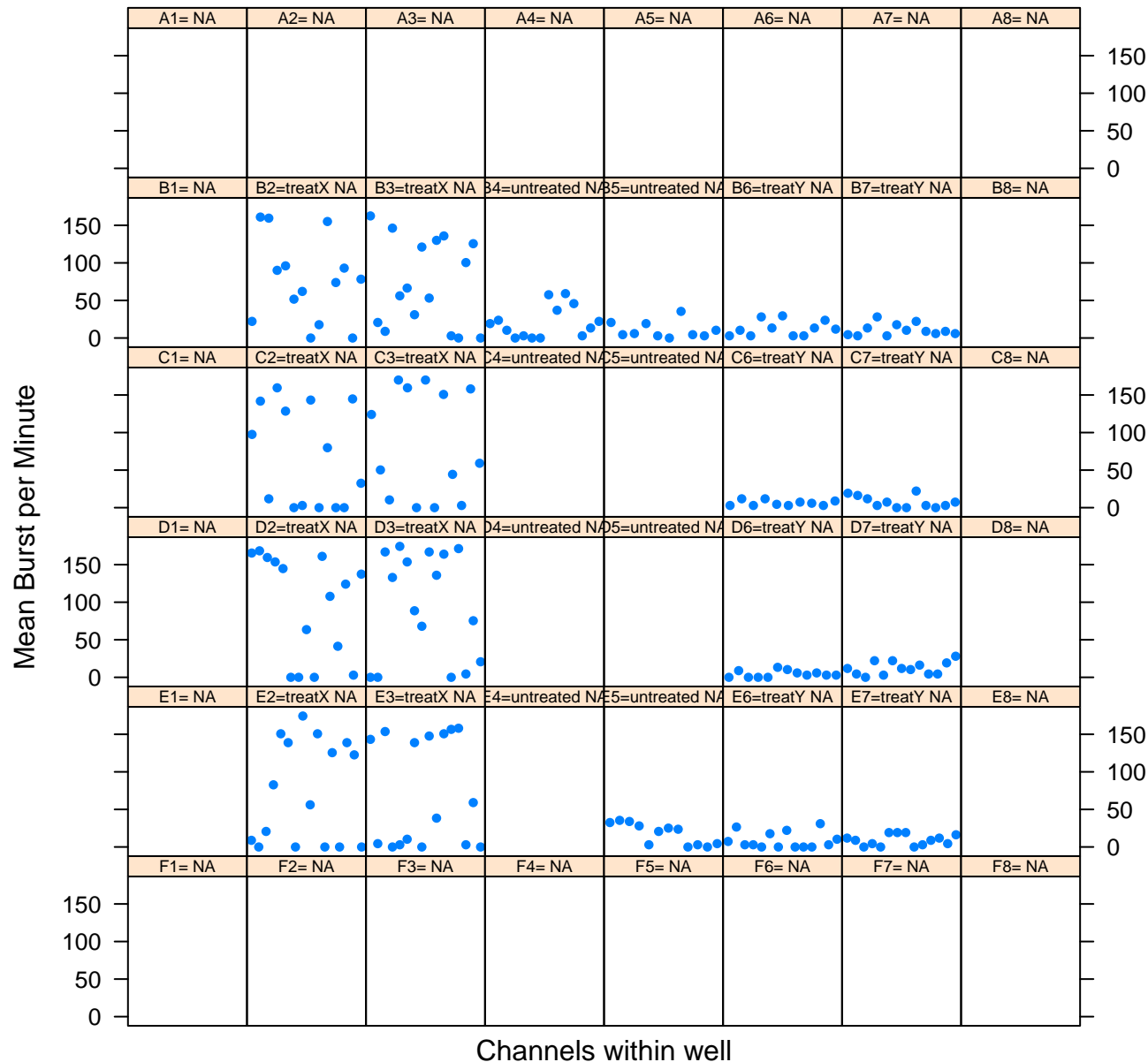
Mean ISI w/i Bursts (s) by Channels within Wells

file= exampleRecording\_1012016\_plate1\_DIV1



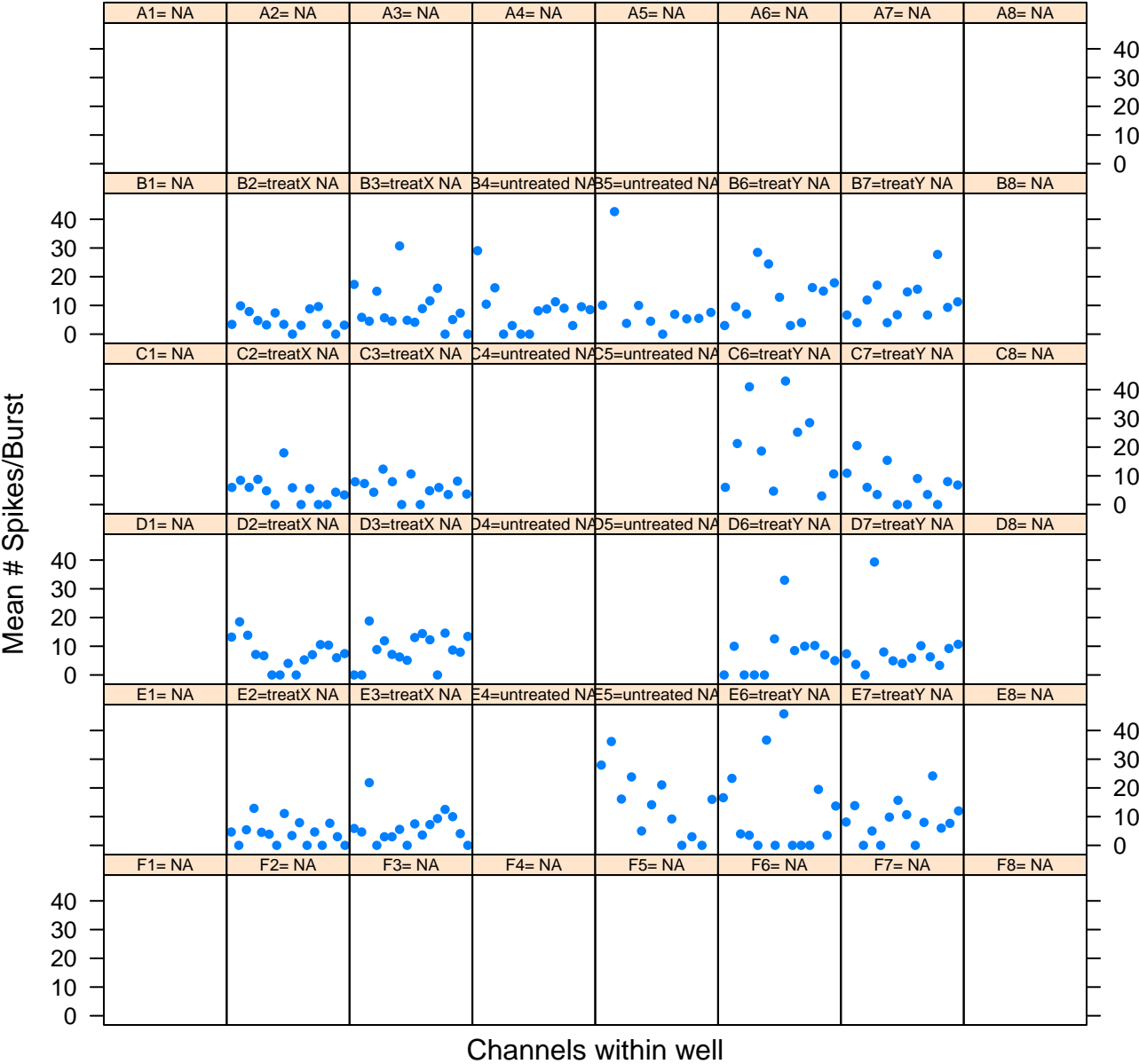
# Mean Burst per Minute by Channels within Wells

## file= exampleRecording\_1012016\_plate1\_DIV1



Mean # Spikes/Burst by Channels within Wells

file= exampleRecording\_1012016\_plate1\_DIV1



# % Spikes/Burst by Channels within Wells

## file= exampleRecording\_1012016\_plate1\_DIV1

