Electrode Layout
file= Kcnt1Y777H_20170817_500659_DIV29
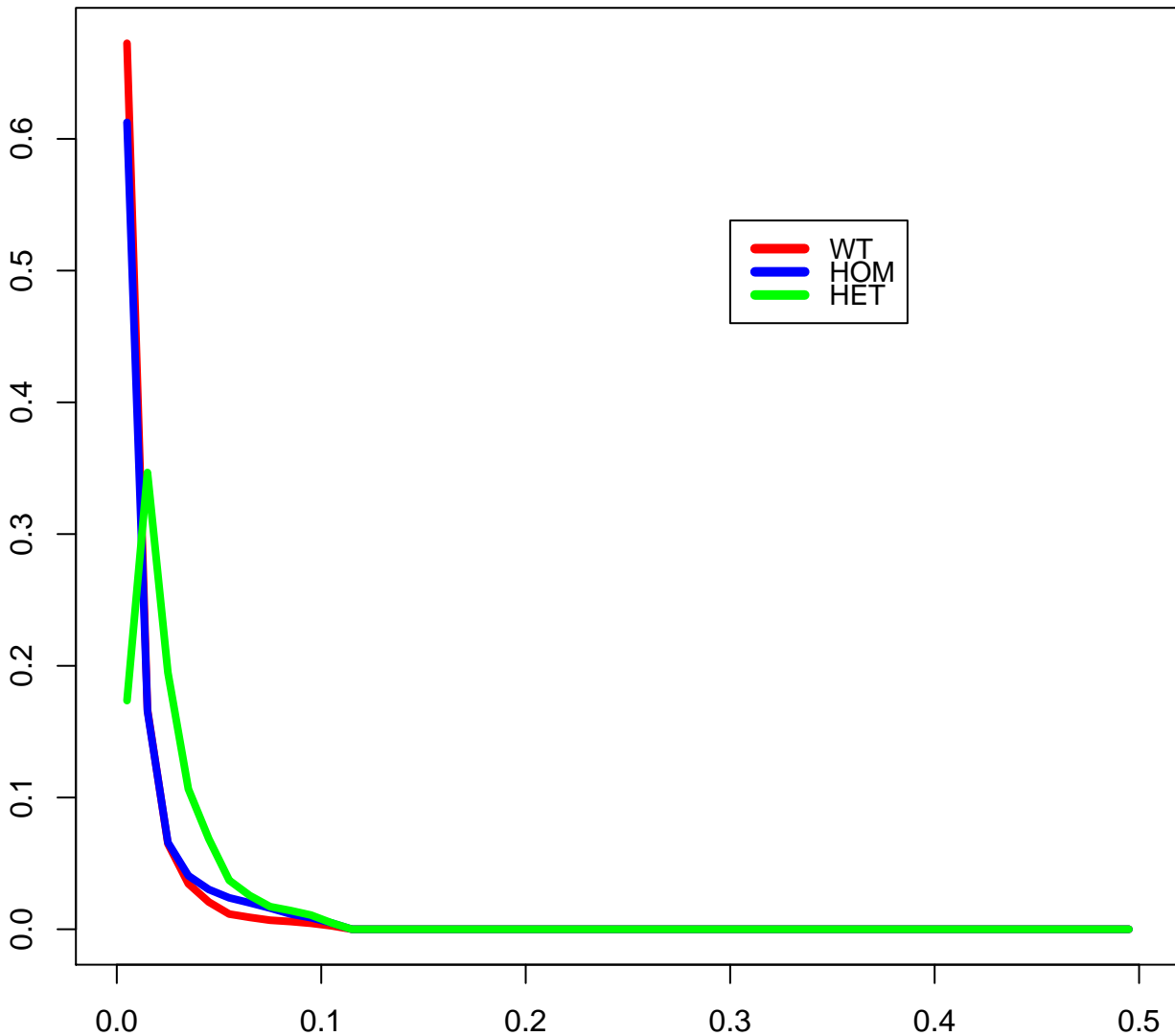
spacing (µm)
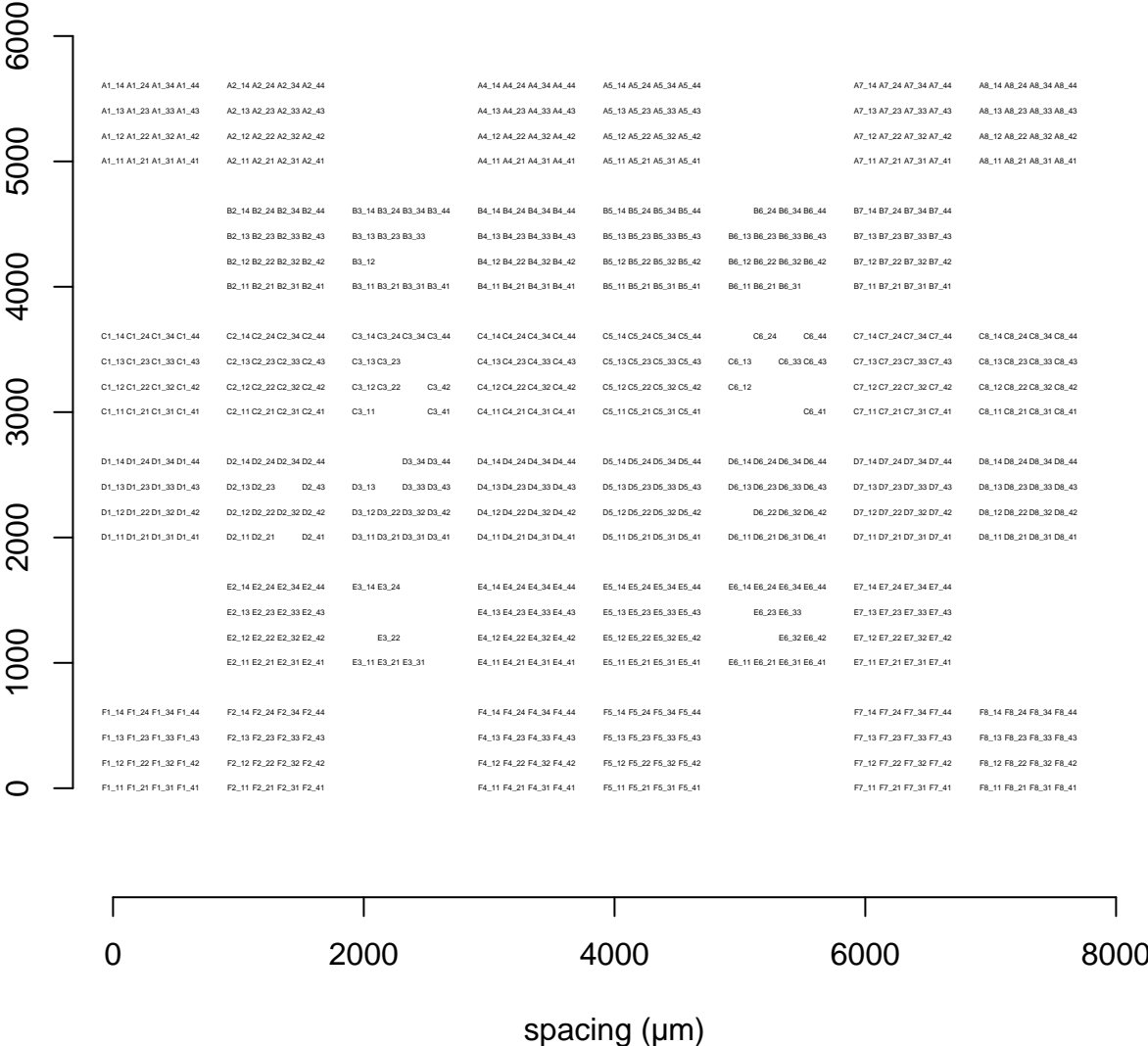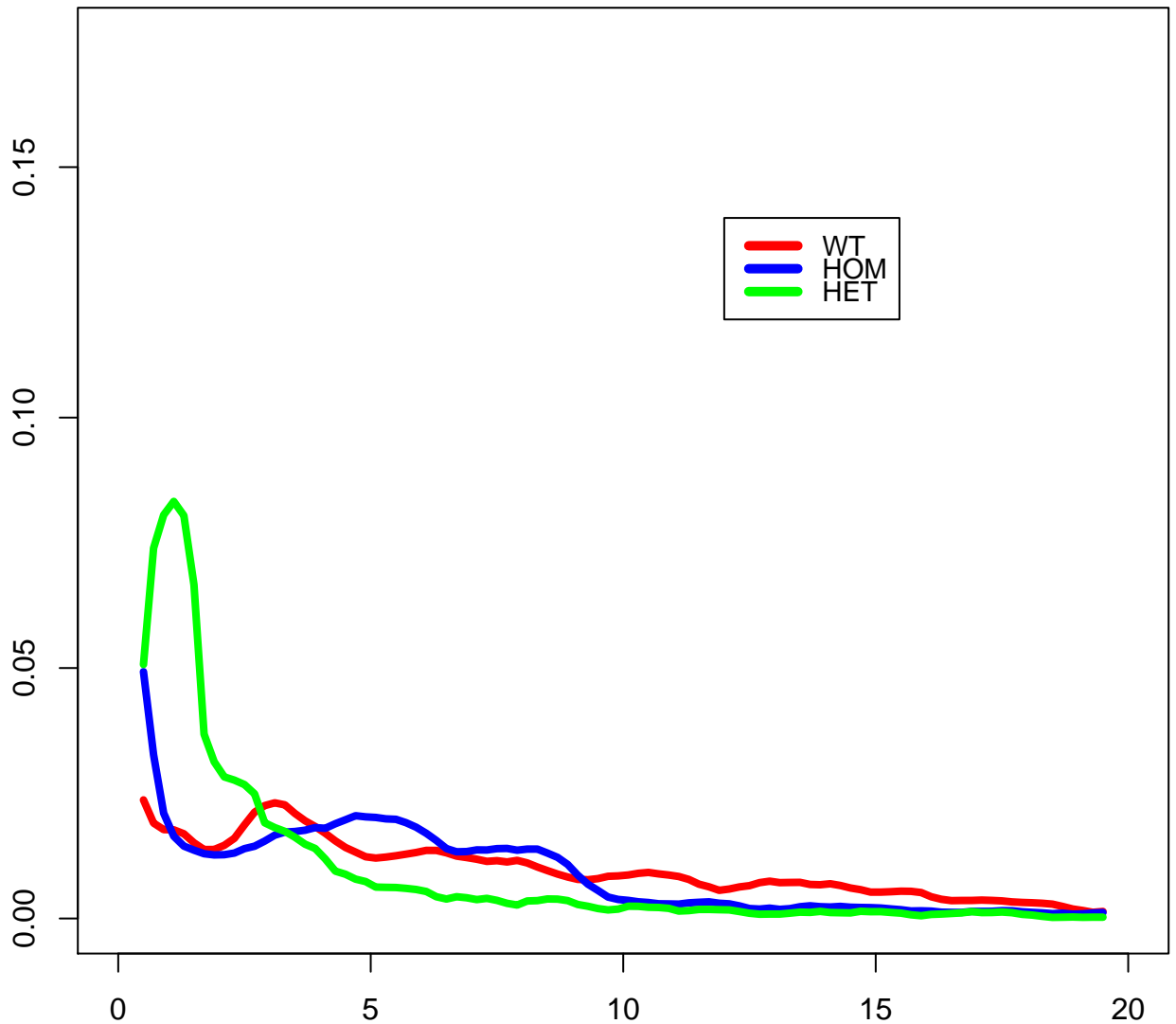
IBI by treatment

K–S test for WT vs. HOM : 3.7e–05, for: IBI
K–S test for WT vs. HET : 1e–11, for: IBI
K–S test for HOM vs. HET : 0.0039, for: IBI
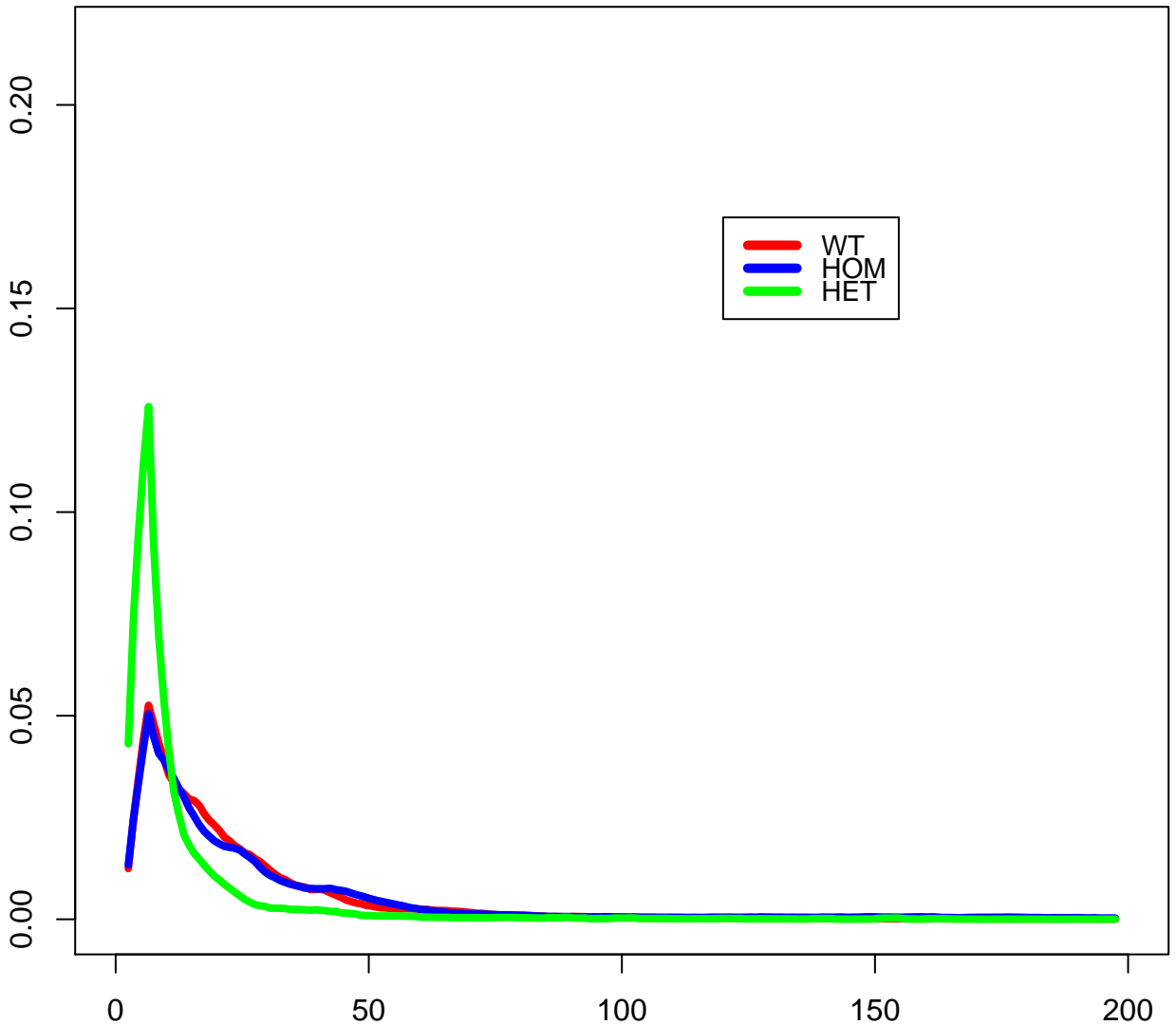
ISI by treatment

K–S test for WT vs. HOM : 1, for: ISI
K–S test for WT vs. HET : 1, for: ISI
K–S test for HOM vs. HET : 1, for: ISI
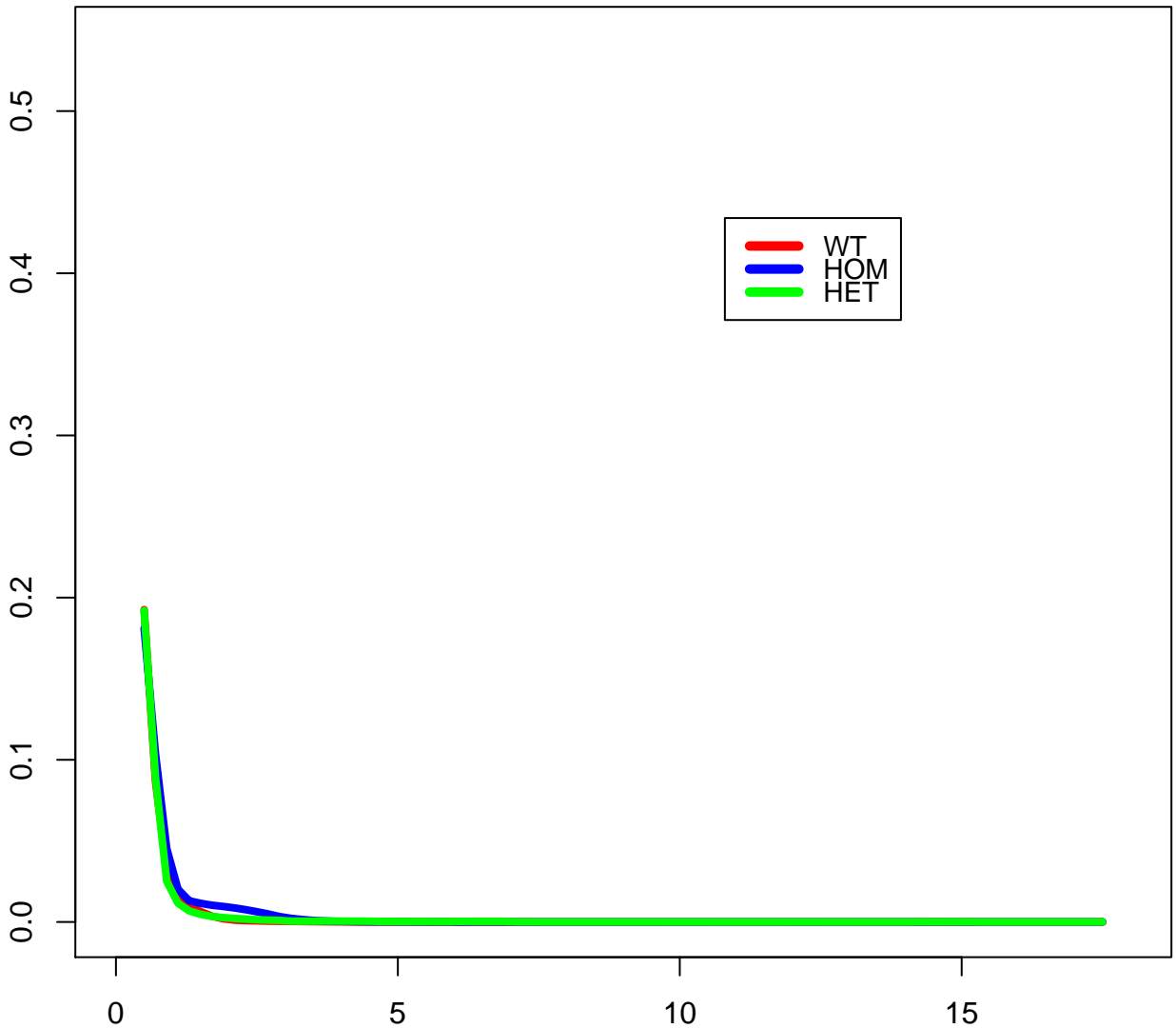
nspikesInBurst by treatment

K–S test for WT vs. HOM : 4.6e−11, for: nspikesInBurst
K–S test for WT vs. HET : 4.5e−06, for: nspikesInBurst
K–S test for HOM vs. HET : 0, for: nspikesInBurst
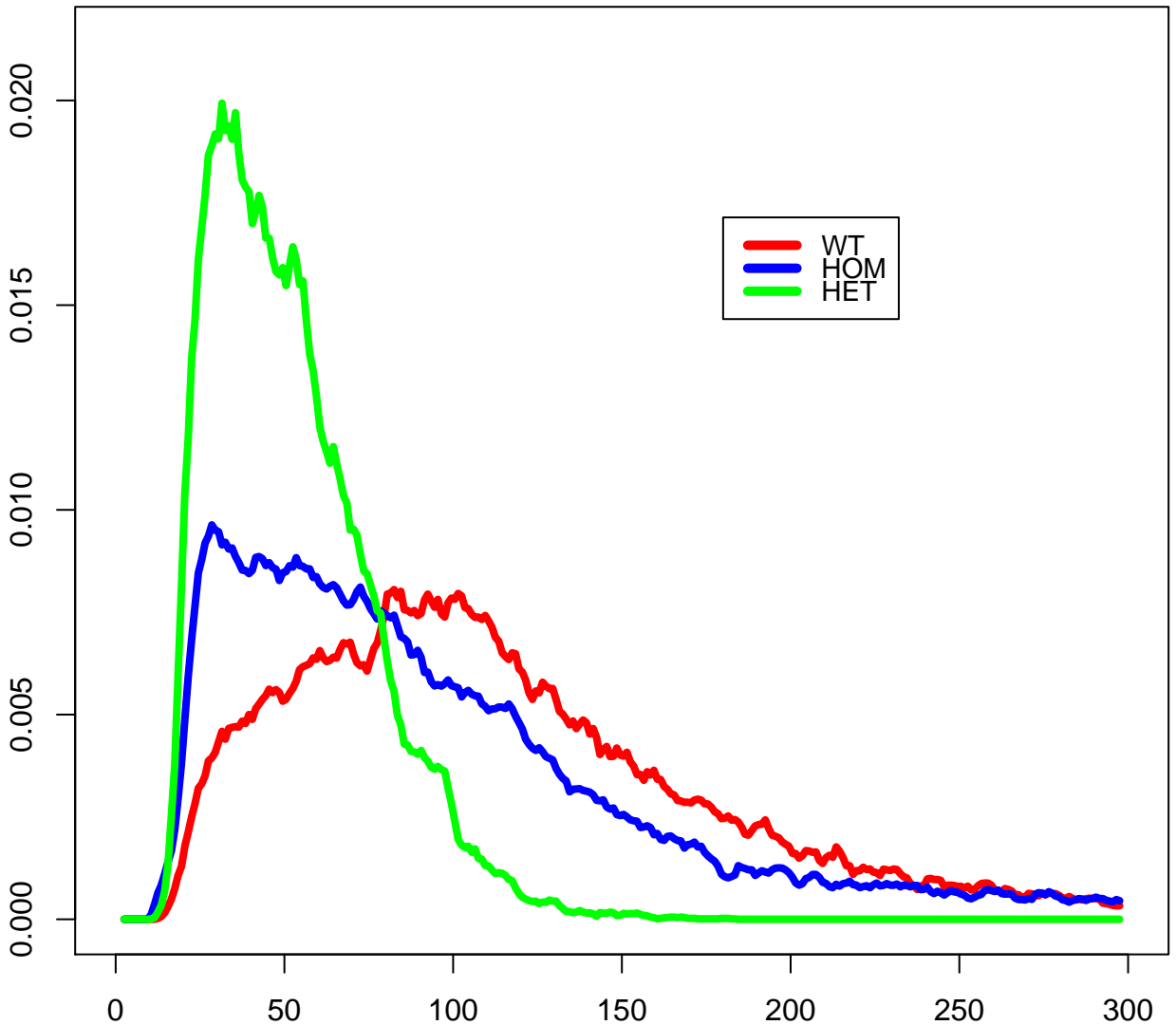
duration by treatment

K−S test for WT vs. HOM : 0.95, for: duration
K−S test for WT vs. HET : 9.2e−08, for: duration
K−S test for HOM vs. HET : 5.3e−06, for: duration
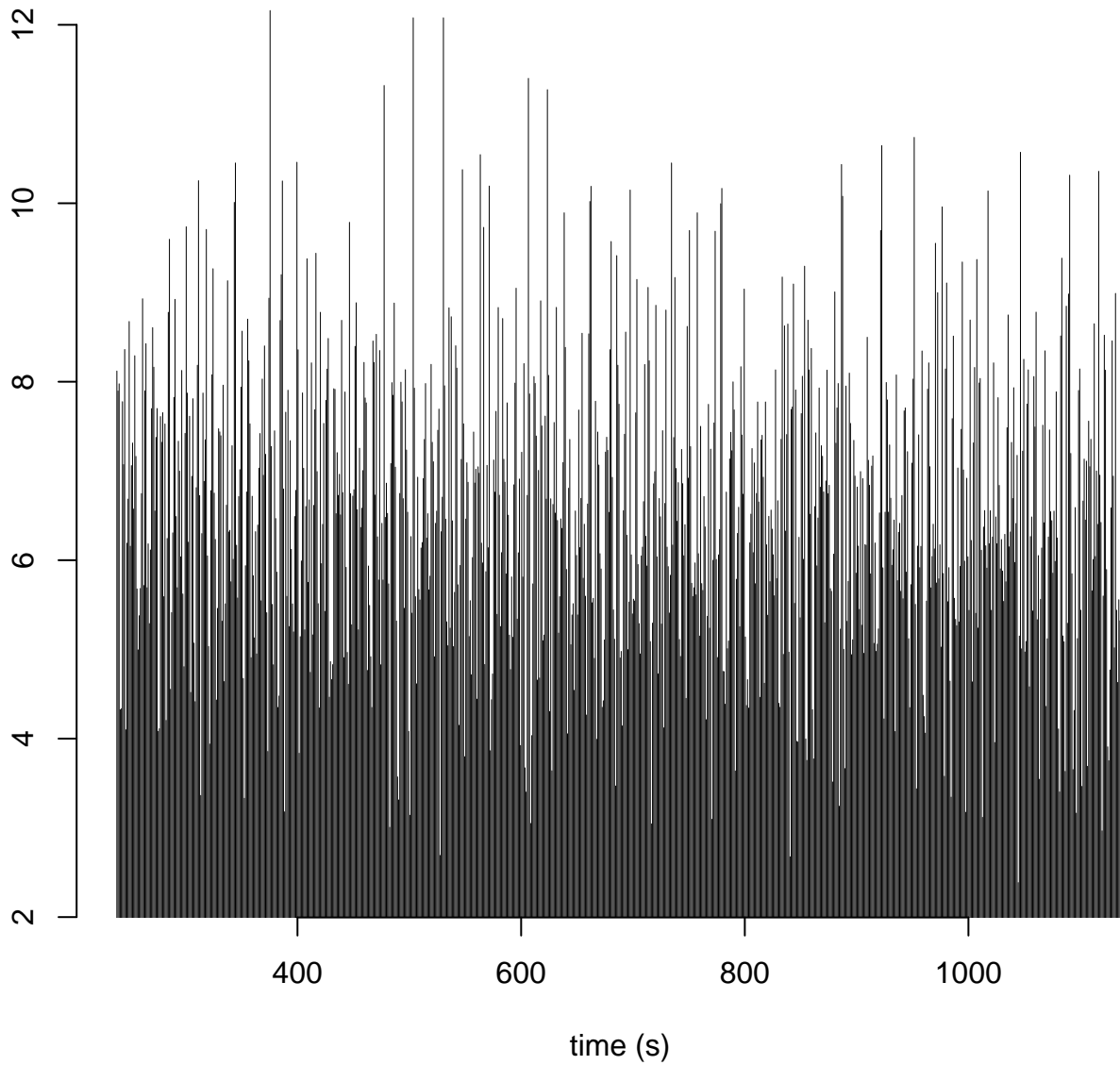
spikesDensityInBurst by treatment

K−S test for WT vs. HOM : 0.0056, for: spikesDensityInBurst
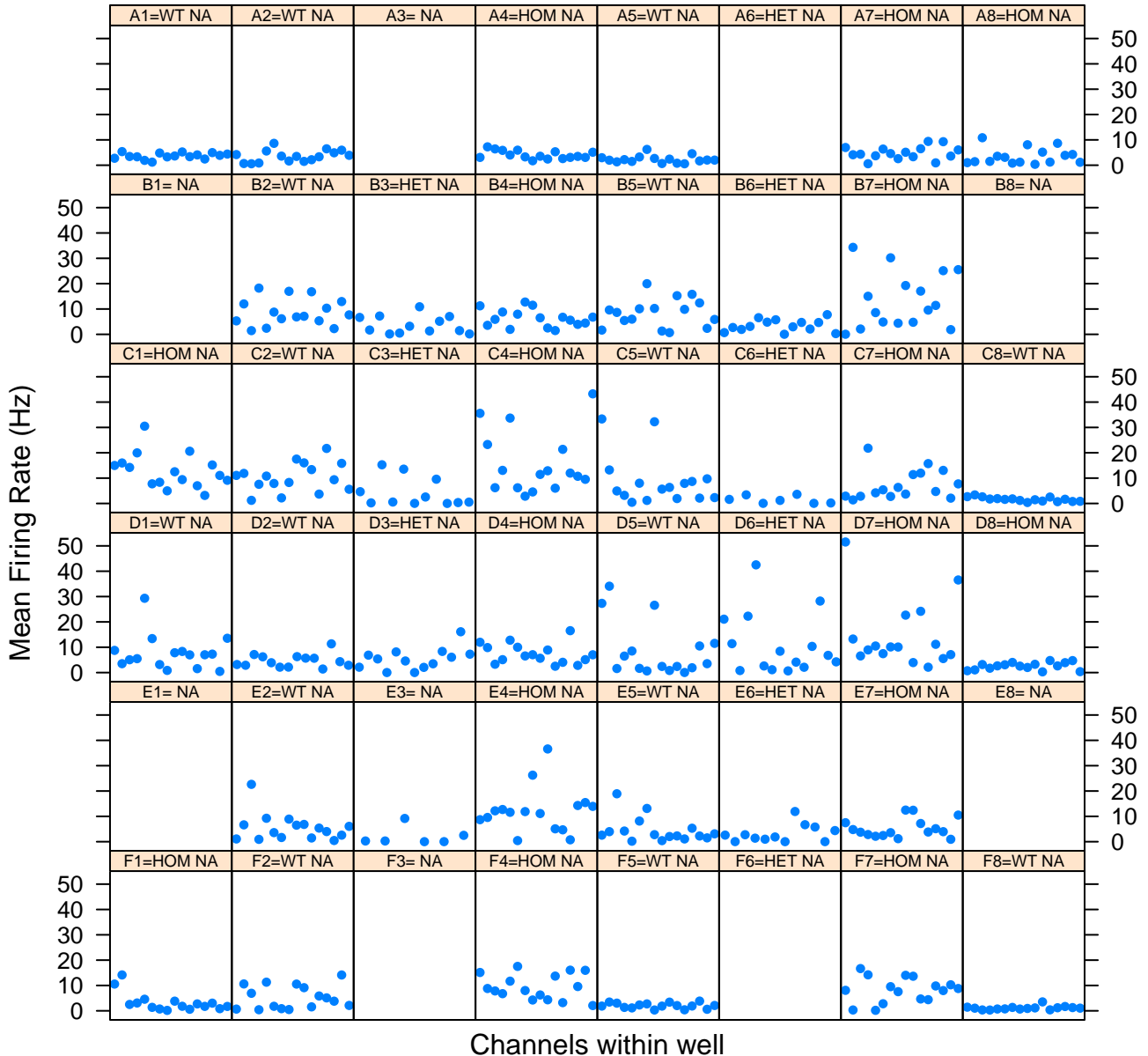K−S test for WT vs. HET : 0, for: spikesDensityInBurst
K−S test for HOM vs. HET : 0, for: spikesDensityInBurst
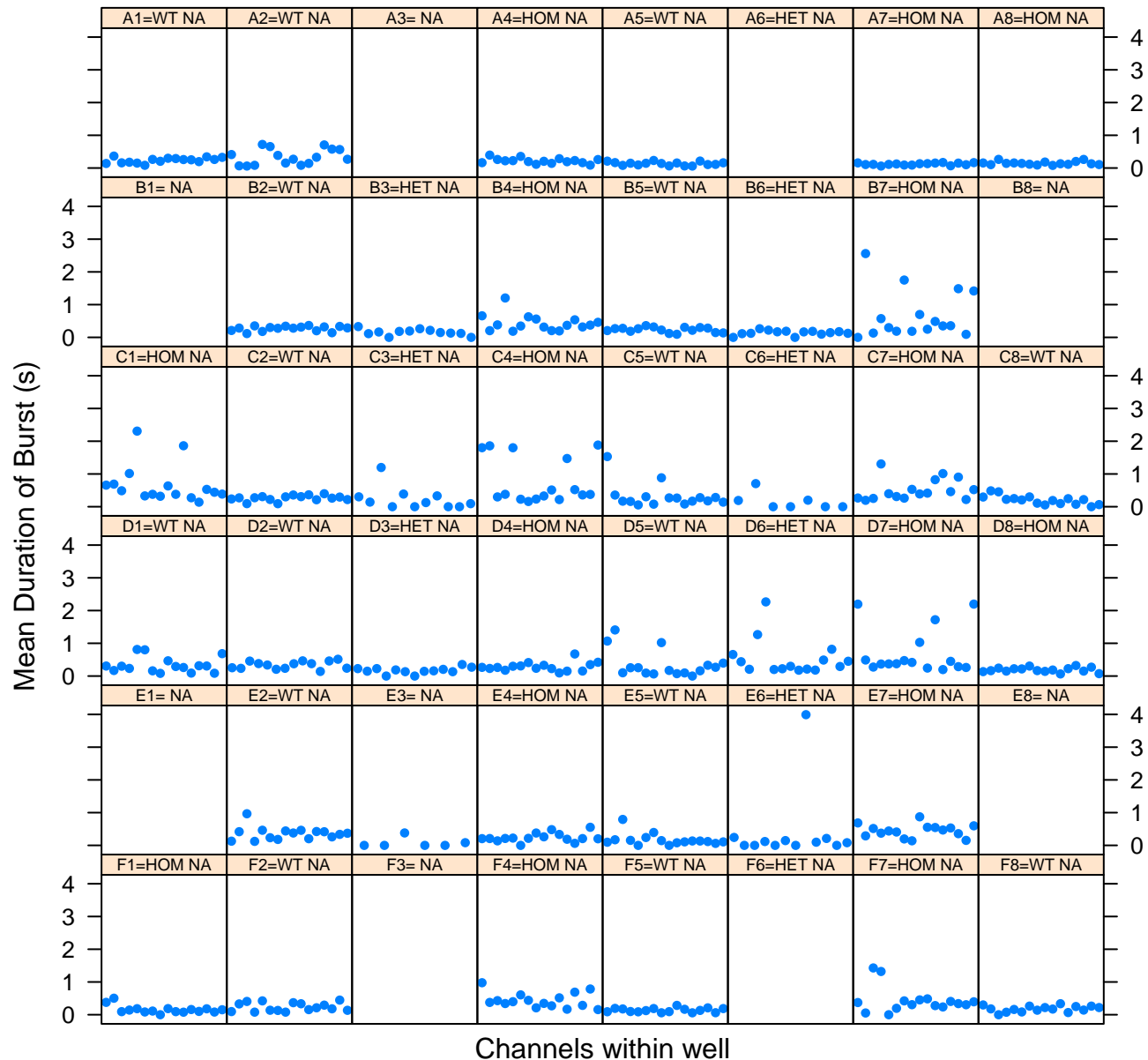
Mean Firing Rate by Plate (Hz)

time (s)

Mean Firing Rate (Hz) by Channels within Wells
file= Kcnt1Y777H_20170817_500659_DIV29

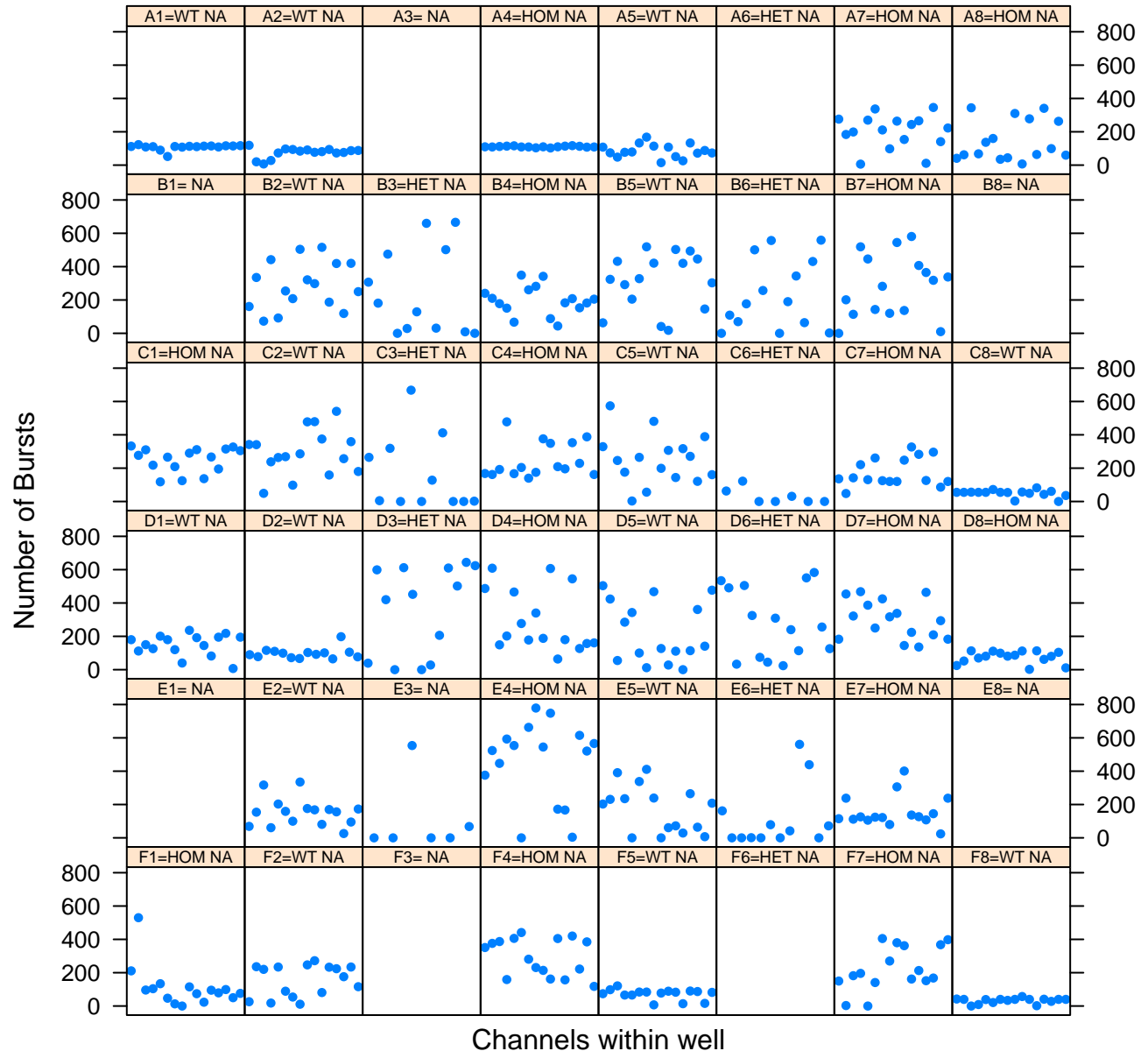Mean Firing Rate (Hz)

Channels within well

Mean Duration of Burst (s) by Channels within Wells
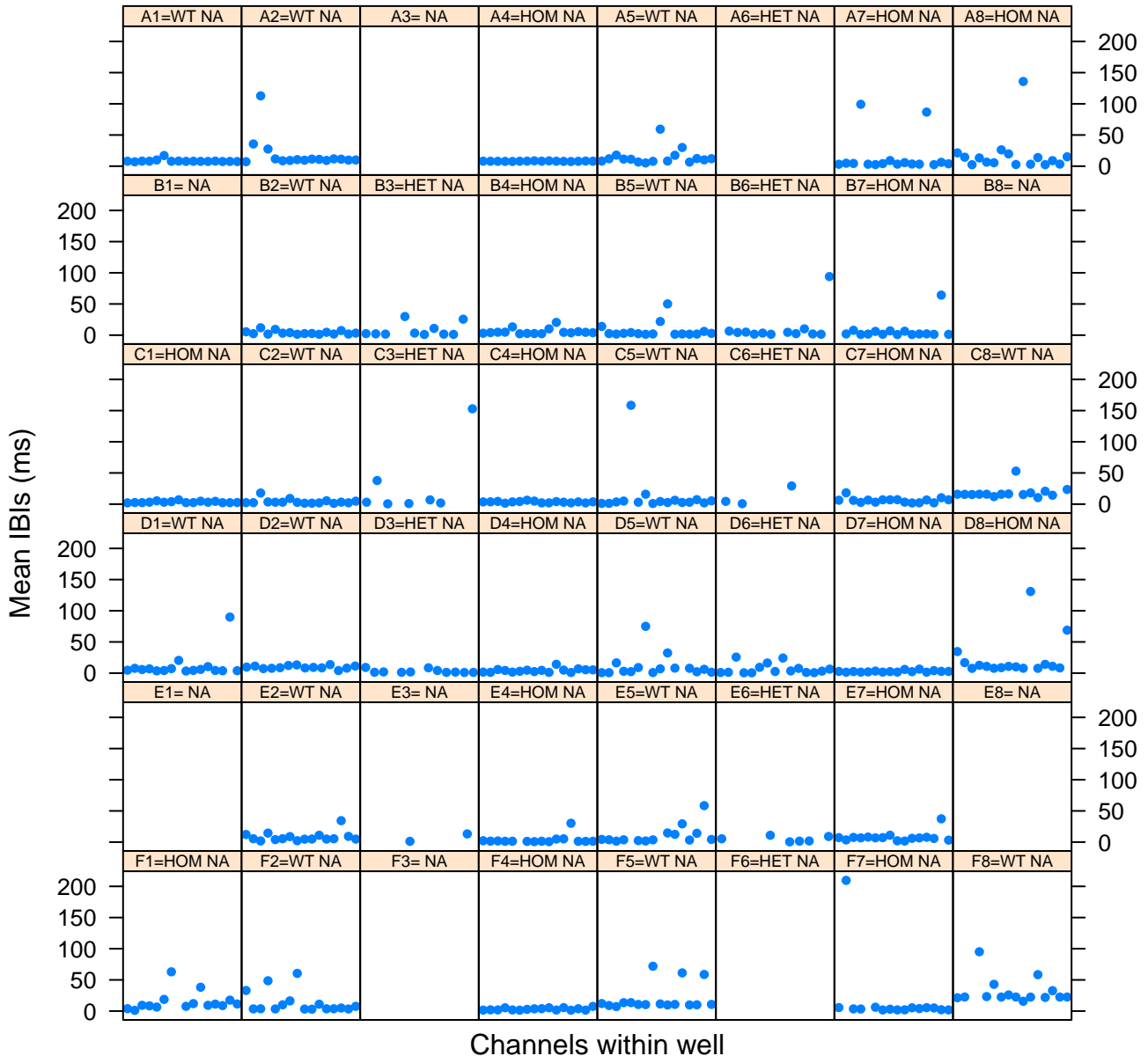file= Kcnt1Y777H_20170817_500659_DIV29

Number of Bursts by Channels within Wells
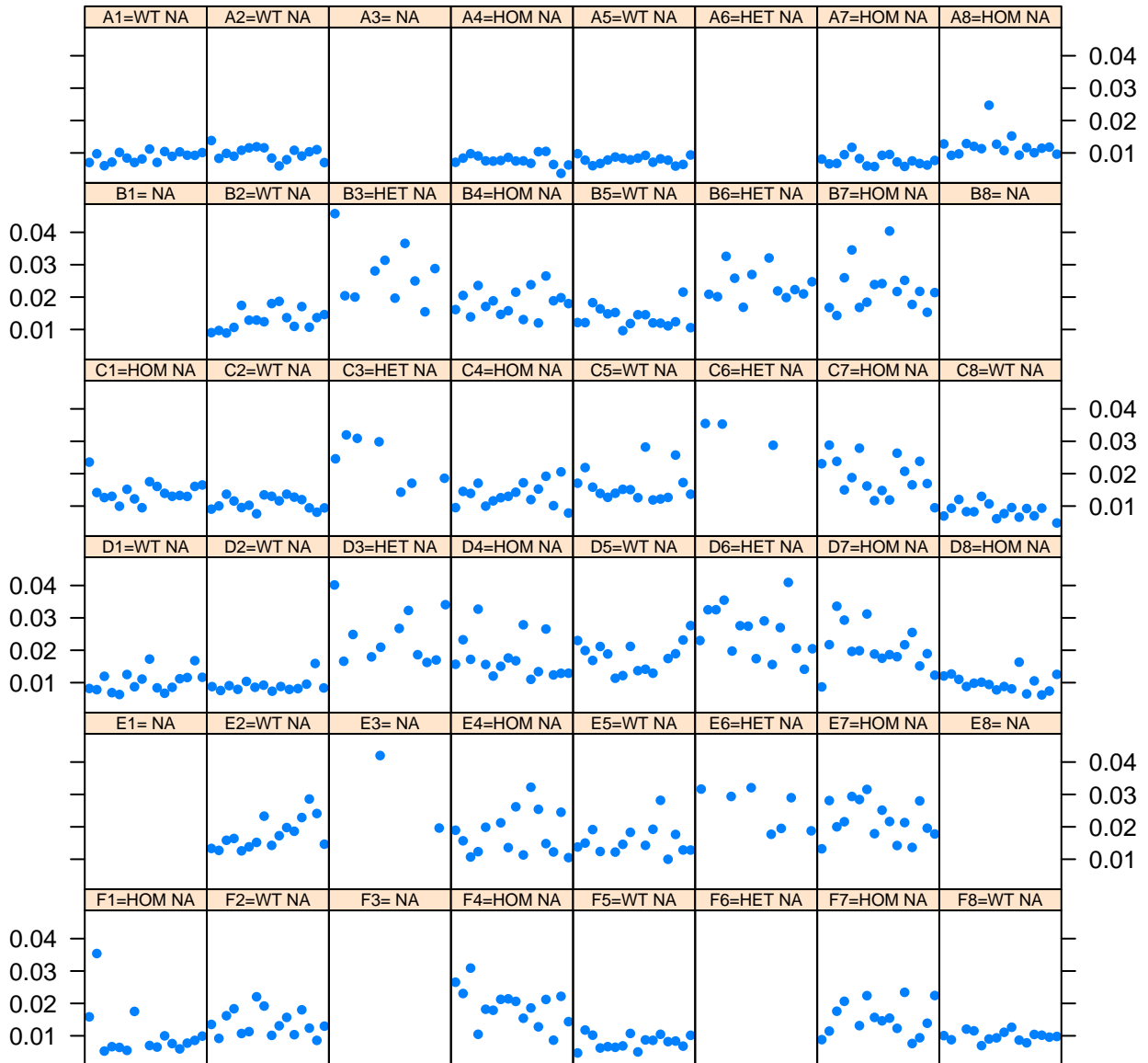## file= Kcnt1Y777H_20170817_500659_DIV29

Mean IBIs (ms) by Channels within Wells
file= Kcnt1Y777H_20170817_500659_DIV29

Mean ISI w/i Bursts (s) by Channels within Wells
file= Kcnt1Y777H_20170817_500659_DIV29

Mean Burst per Minute by Channels within Wells
file= Kcnt1Y777H_20170817_500659_DIV29

Mean # Spikes/Burst by Channels within Wells
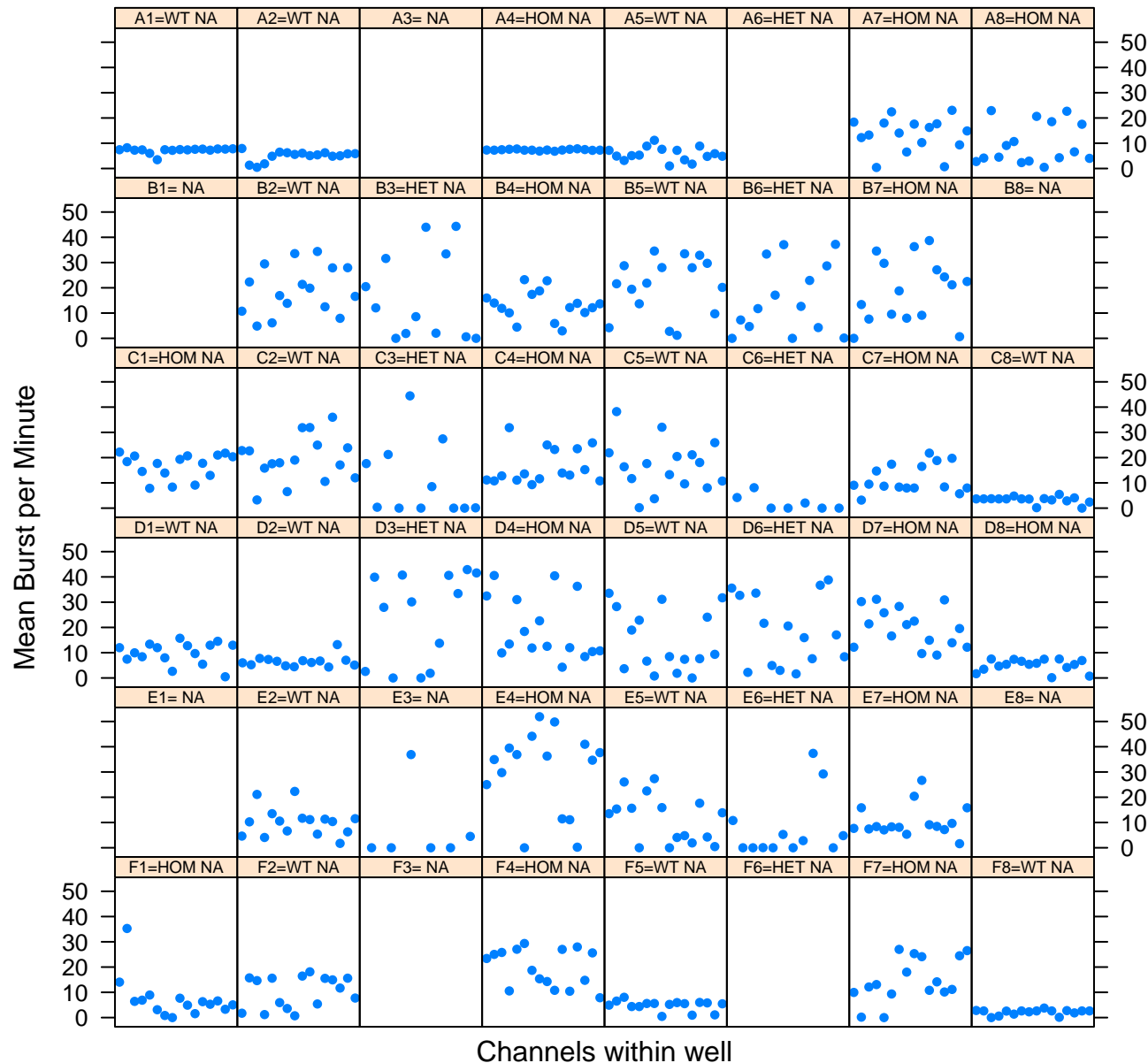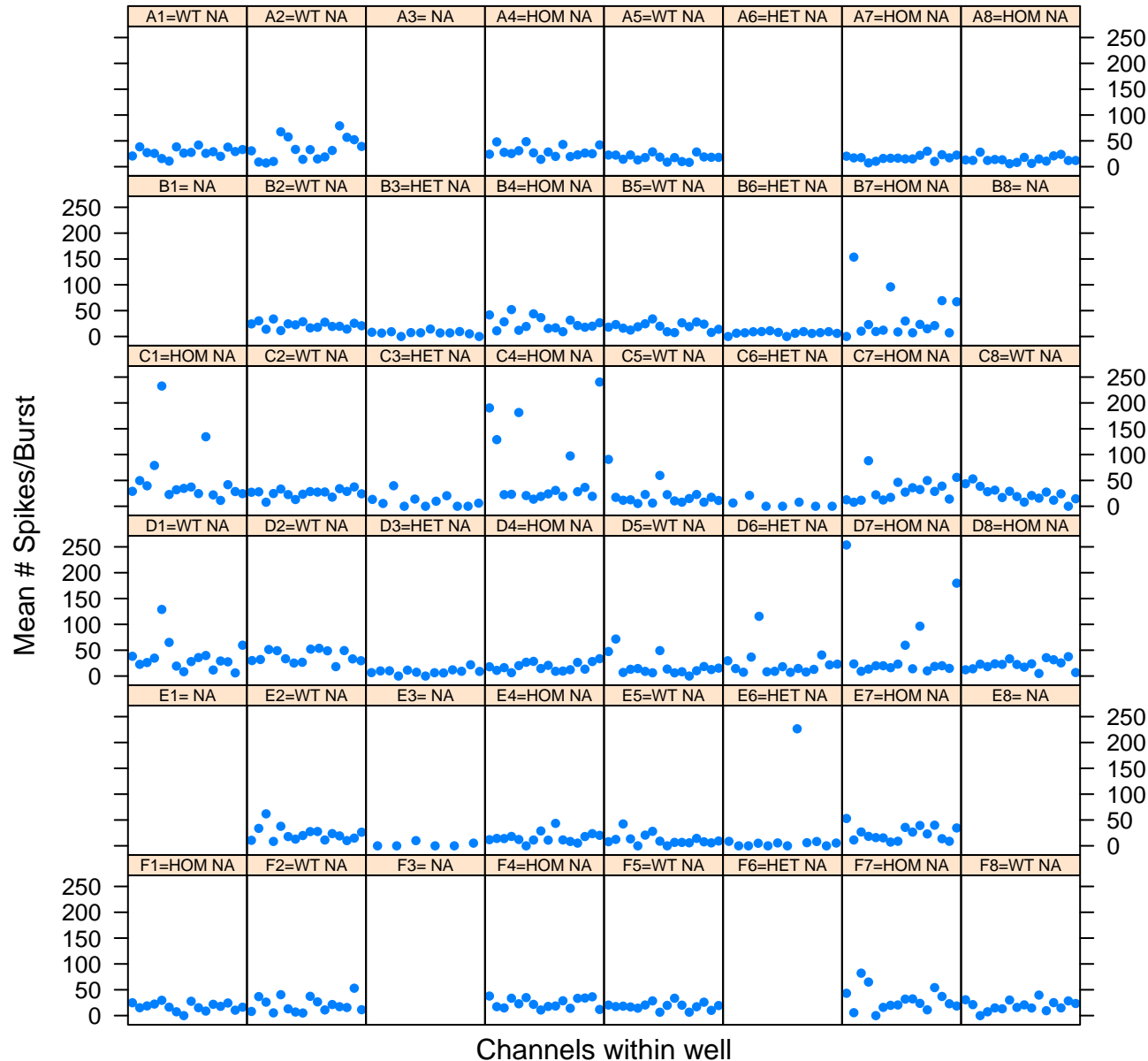file= Kcnt1Y777H_20170817_500659_DIV29

% Spikes/Burst by Channels within Wells
file= Kcnt1Y777H_20170817_500659_DIV29

% Spikes/Burst

Channels within well