Percent Change in firing_rate_mean for Control Compounds
No Changes to Treatment Labels

rval

○ wllq=0

DMSO   Lysis   Media   PICRO   TTX

CellTiter Blue Blank–Corrected Fluorescence Values for Control Compounds
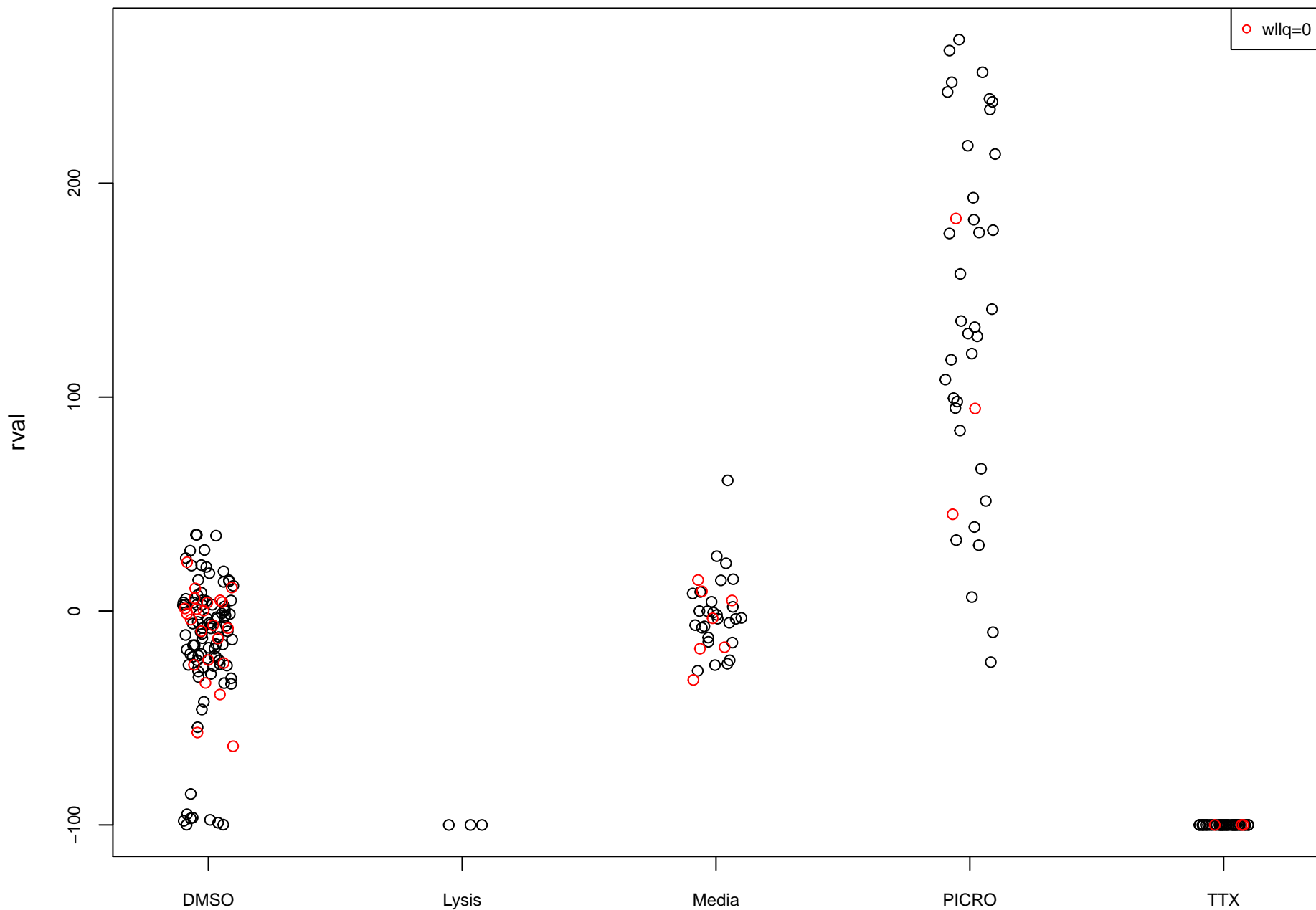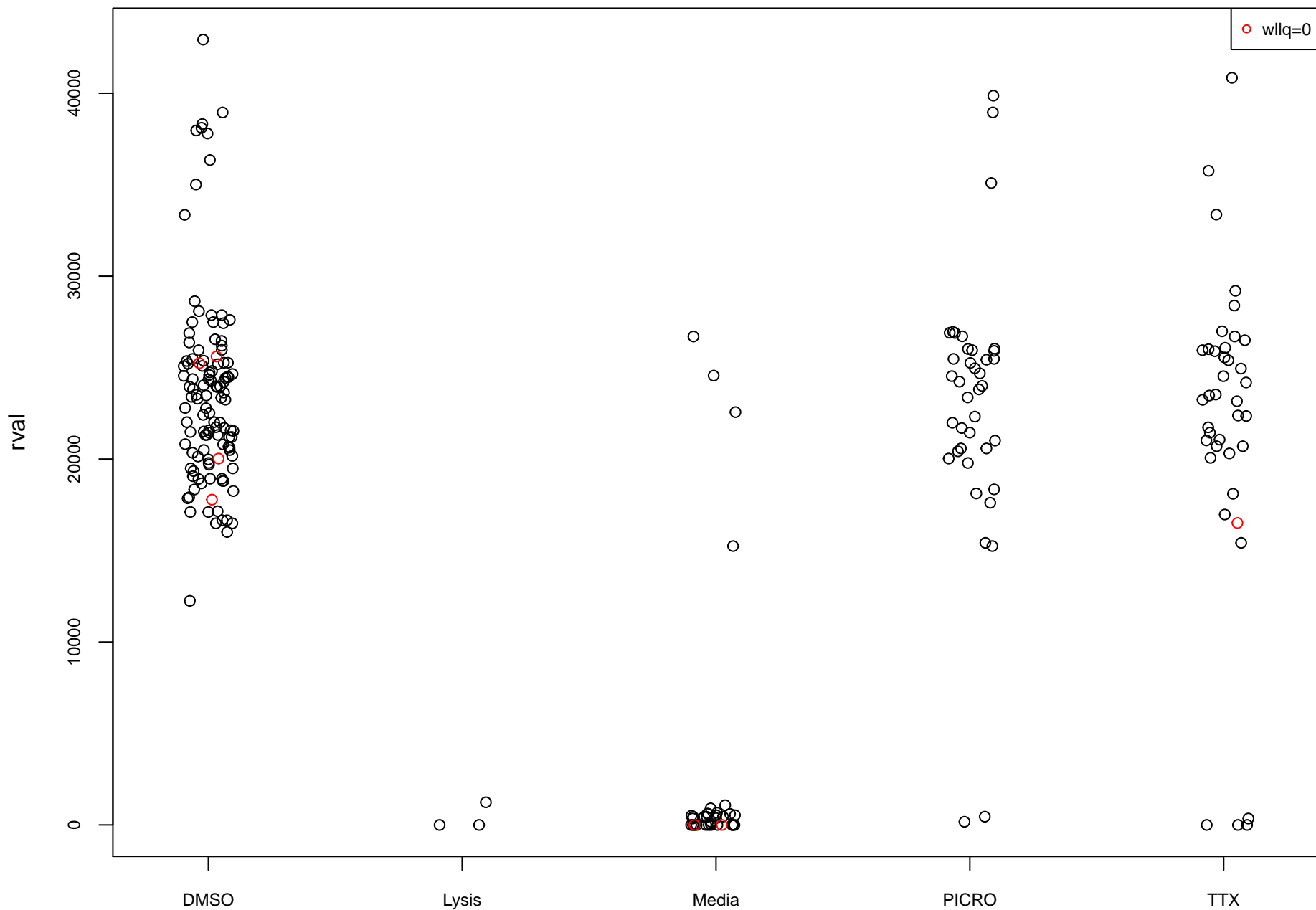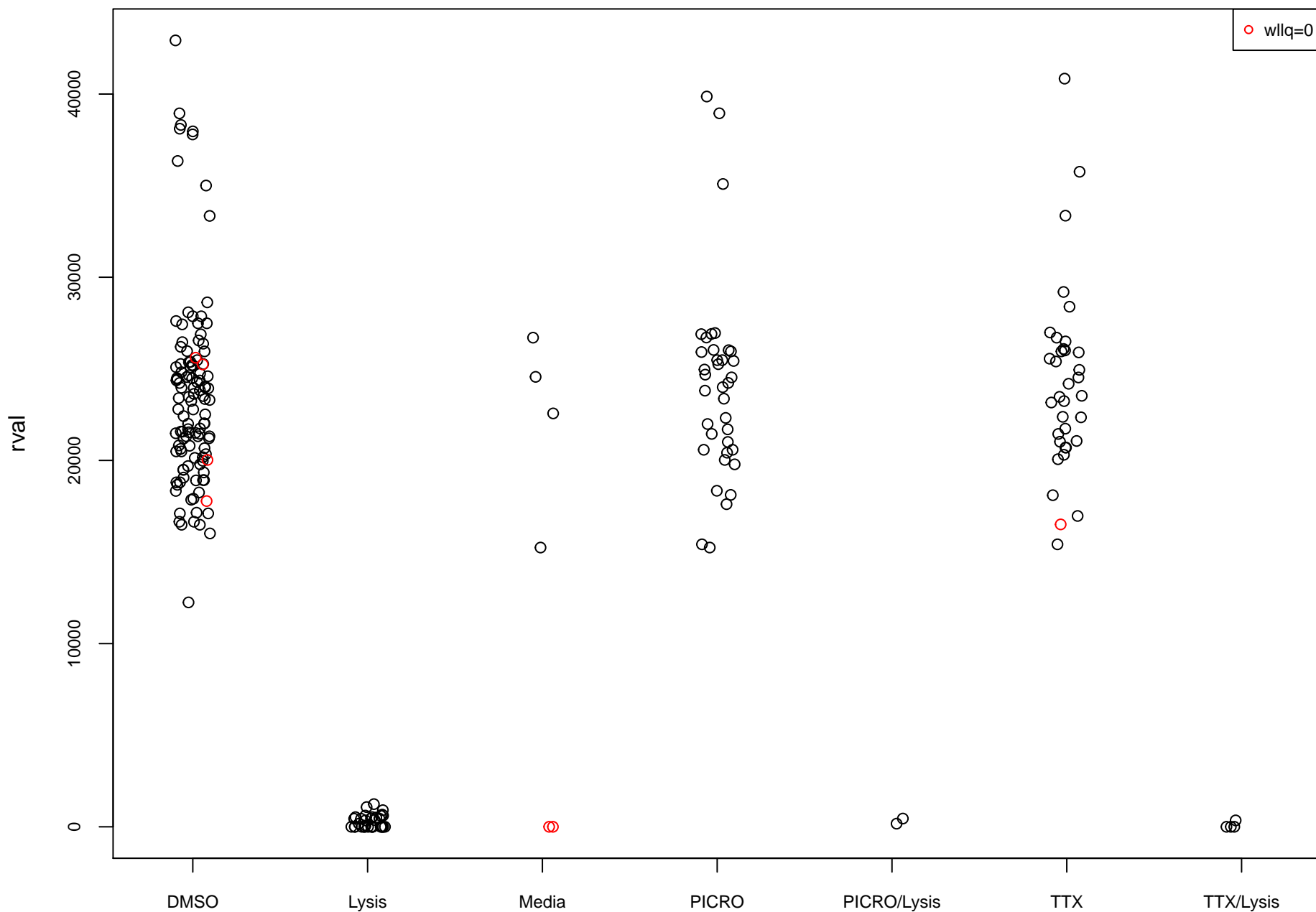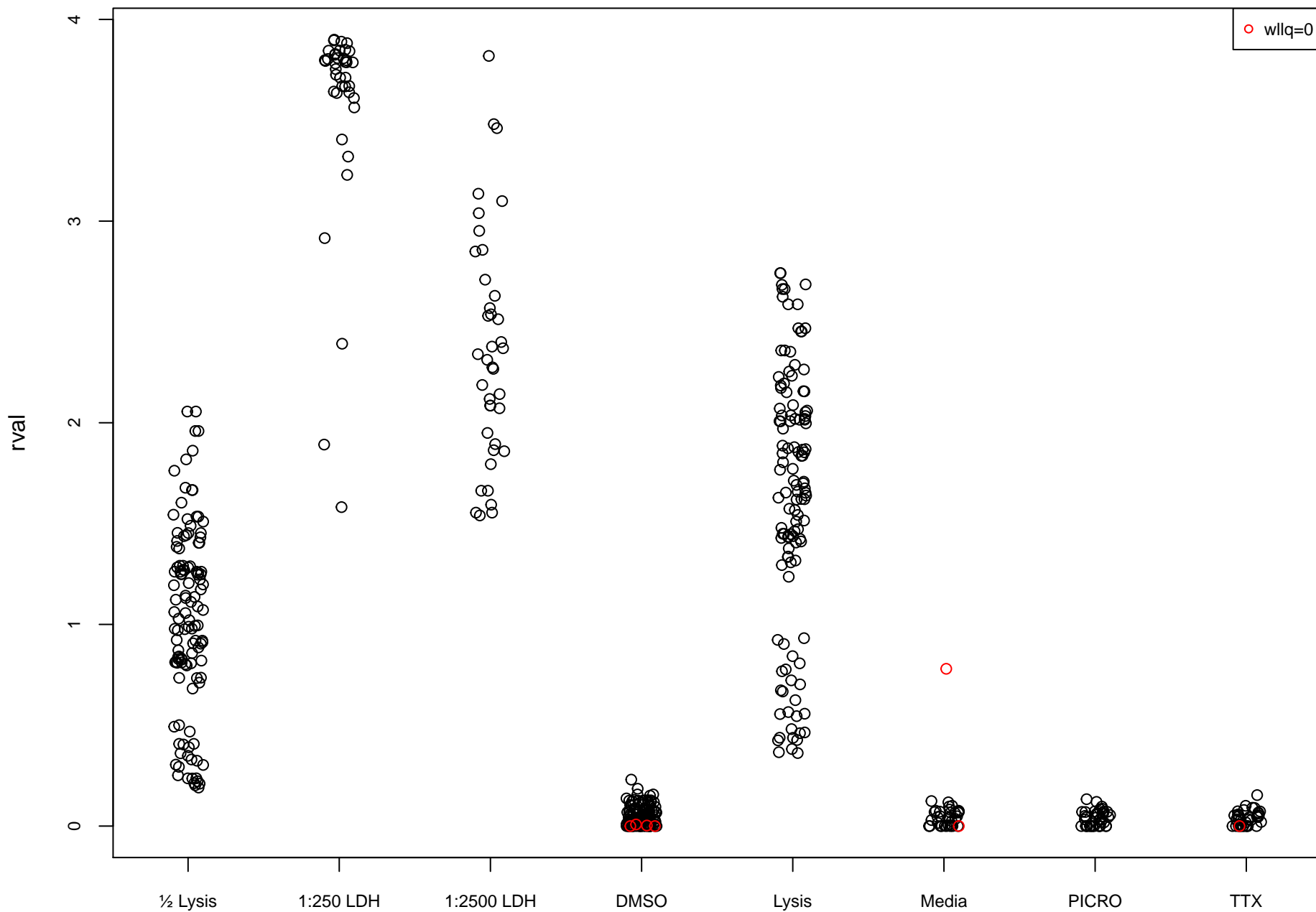**No Changes to Treatment Labels**

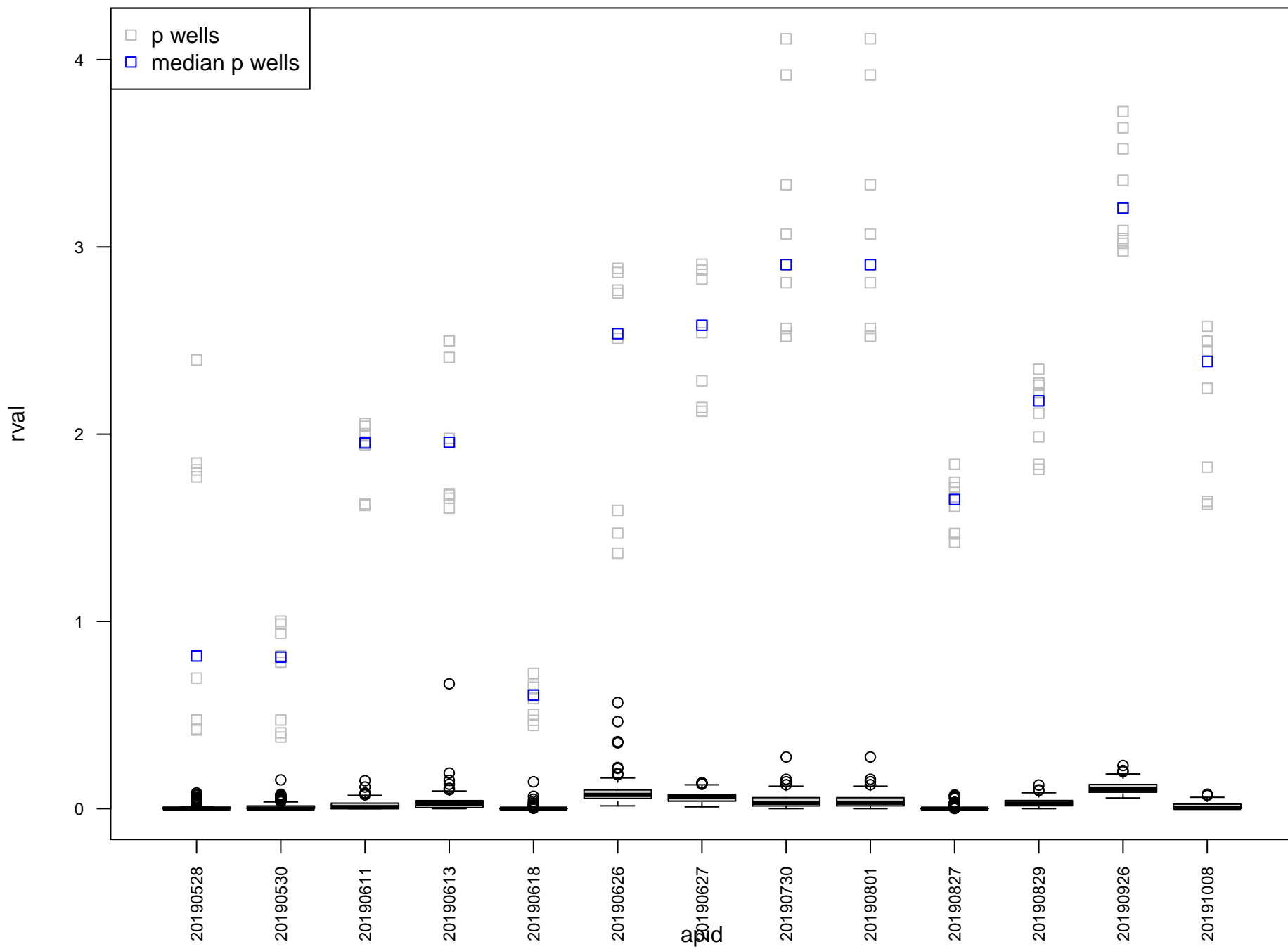**CellTiter Blue Blank–Corrected Fluorescence Values for Control Compounds**
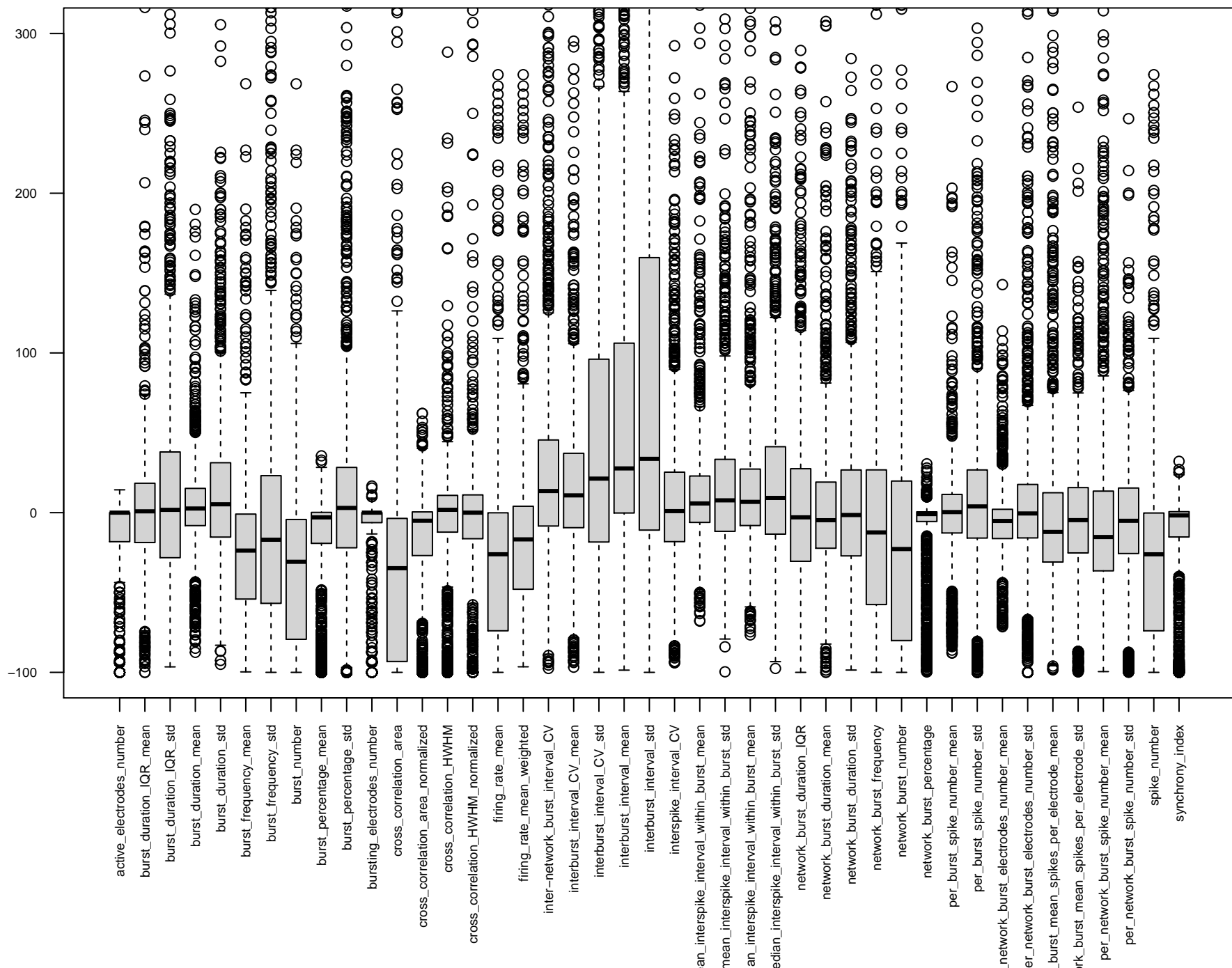**Lysis wells updates**

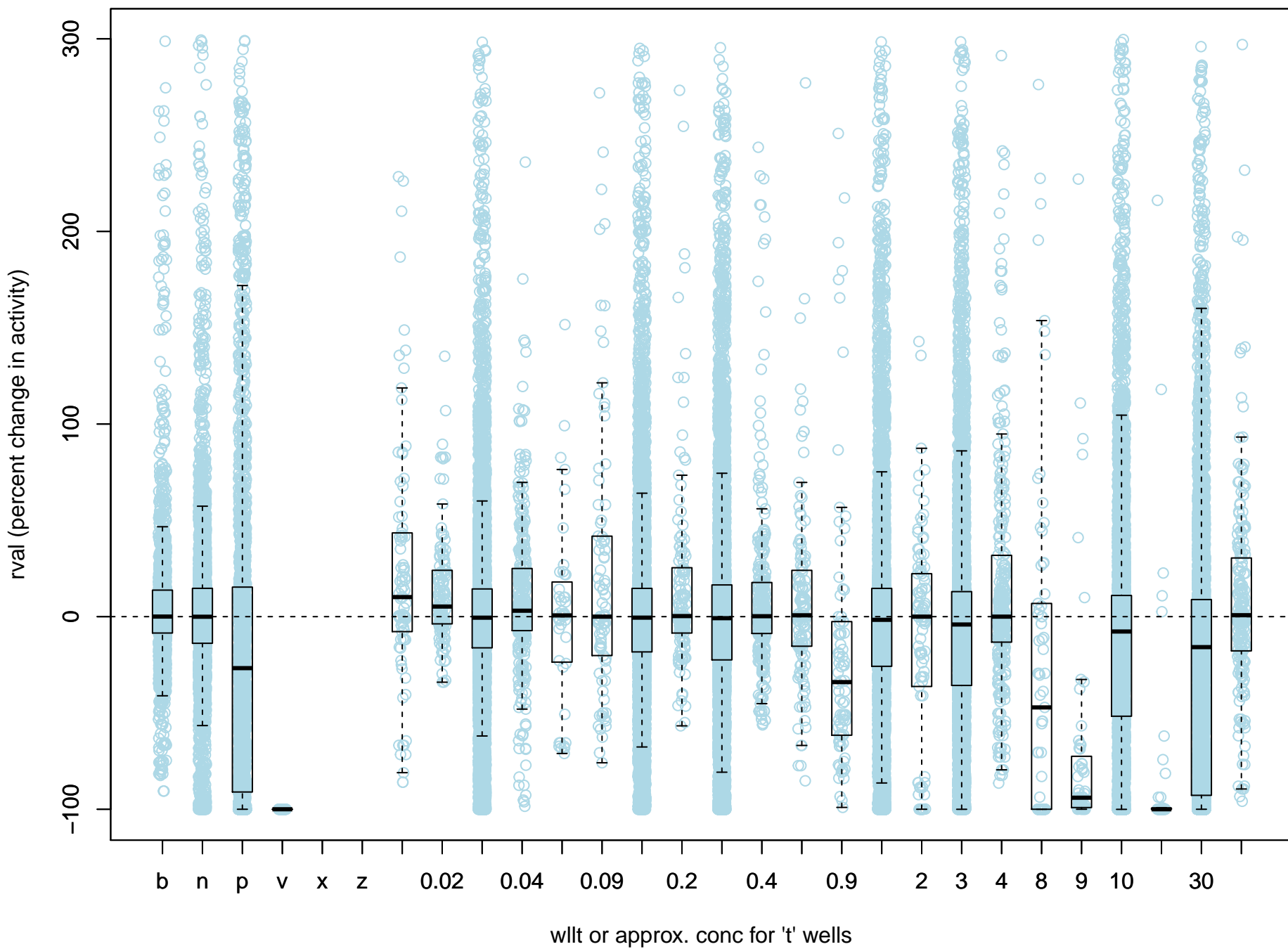**LDH Blank–Corrected Optical Density Values for Control Compounds**
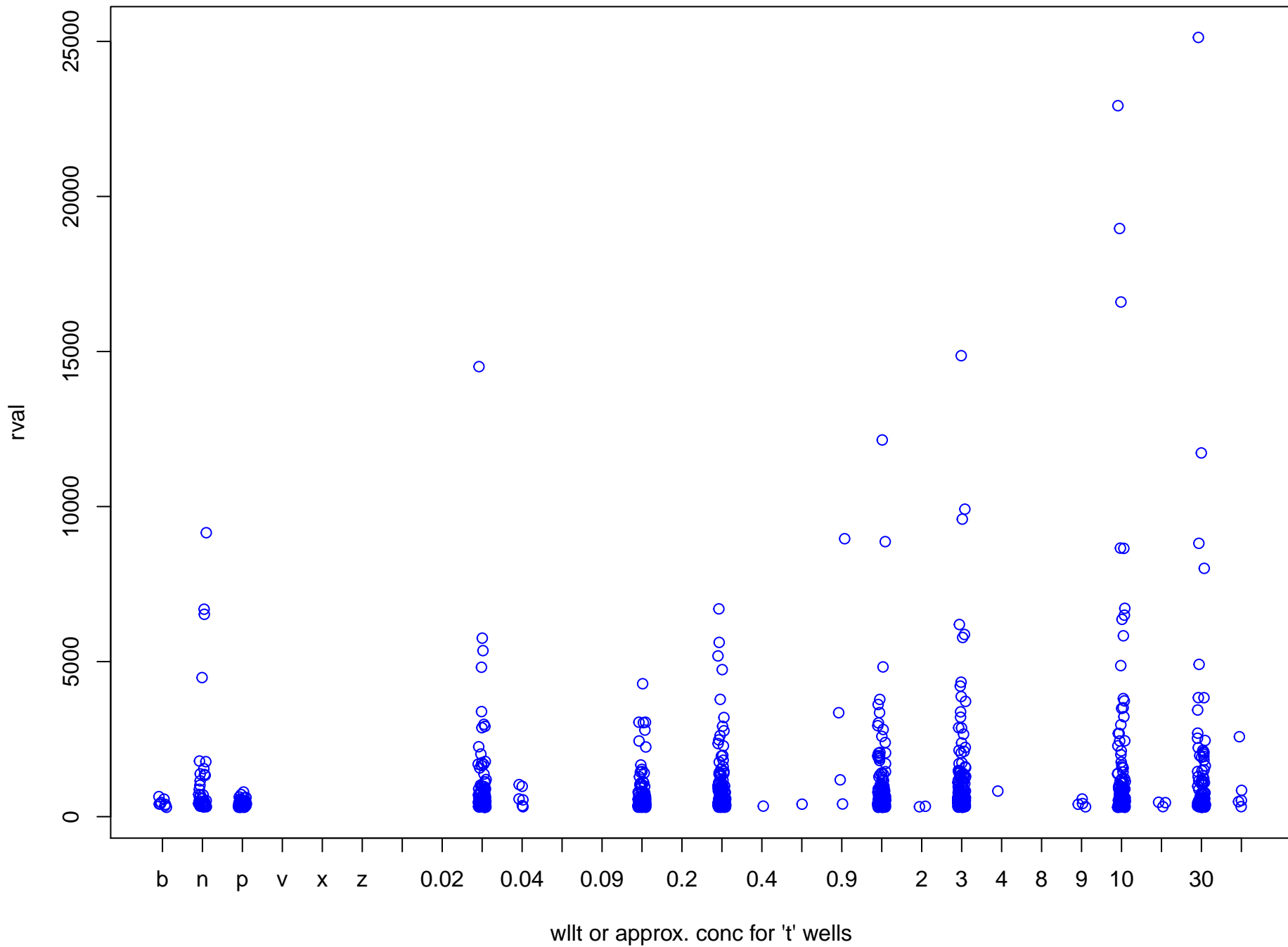
LDH Blank−Corrected values by apid, where wllq=1

All MEA components for DNT2019
where wllq=1 (rval's above 300 not shown)

rval

active_electrodes_number
burst_duration_IQR_mean
burst_duration_IQR_std
burst_duration_mean
burst_duration_std
burst_frequency_mean
burst_frequency_std
burst_number
burst_percentage_mean
burst_percentage_std
bursting_electrodes_number
cross_correlation_area
cross_correlation_area_normalized
cross_correlation_HWHM
cross_correlation_HWHM_normalized
firing_rate_mean
firing_rate_mean_weighted
inter-network_burst_interval_CV
interburst_interval_CV_mean
interburst_interval_CV_std
interburst_interval_mean
interburst_interval_std
interspike_interval_CV
an_interspike_interval_within_burst_mean
mean_interspike_interval_within_burst_std
an_interspike_interval_within_burst_mean
edian_interspike_interval_within_burst_std
network_burst_duration_IQR
network_burst_duration_mean
network_burst_duration_std
network_burst_frequency
network_burst_number
network_burst_percentage
per_burst_spike_number_mean
per_burst_spike_number_std
_network_burst_electrodes_number_mean
er_network_burst_electrodes_number_std
_burst_mean_spikes_per_electrode_mean
rk_burst_mean_spikes_per_electrode_std
per_network_burst_spike_number_mean
per_network_burst_spike_number_std
spike_number
synchrony_index

All MEA Components by conc for DNT2019
where wllq=1 and rval < 300

rval (percent change in activity)

wllt or approx. conc for 't' wells

Outlier MEA Points in DNT2019
where wllq=1 and rval >= 300

rval axis: 0, 5000, 10000, 15000, 20000, 25000

x-axis labels: b n p v x z 0.02 0.04 0.09 0.2 0.4 0.9 2 3 4 8 9 10 30

wllt or approx. conc for 't' wells

AB Blank–Corrected Values for DNT2019
where wllq == 1

LDH Blank−Corrected Values for DNT2019
where wllq == 1

rval

wllt or approx. conc for 't' wells

b   n   p   v   x   z   0.02   0.04   0.09   0.2   0.4   0.9   2   3   4   8   9   10   30