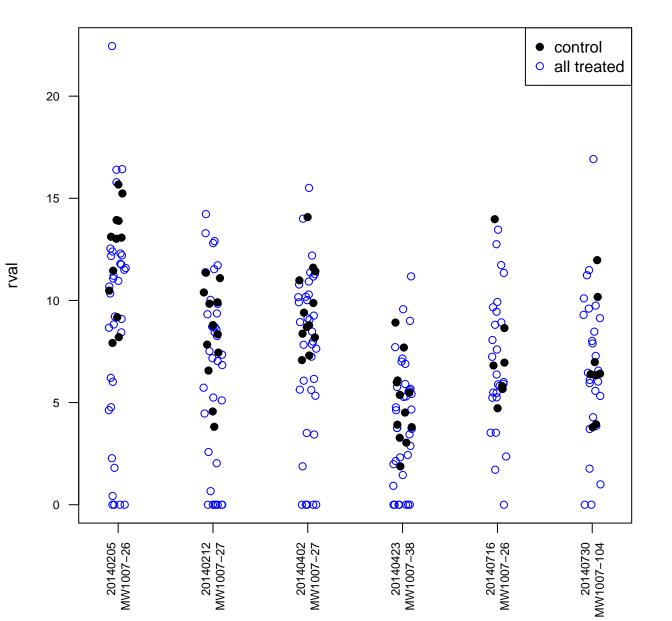
007–26, 20140212_MW1007–27, 20140402_MW1007–27, 20140423_MW1007– **Control Wells** estimated DIV wllq==0 3.0 Mean Firing Rate (Hz) in control wells 2.5 2.0 1.5 1.0 0.5 0.0 5 6 8 9 10 11 12

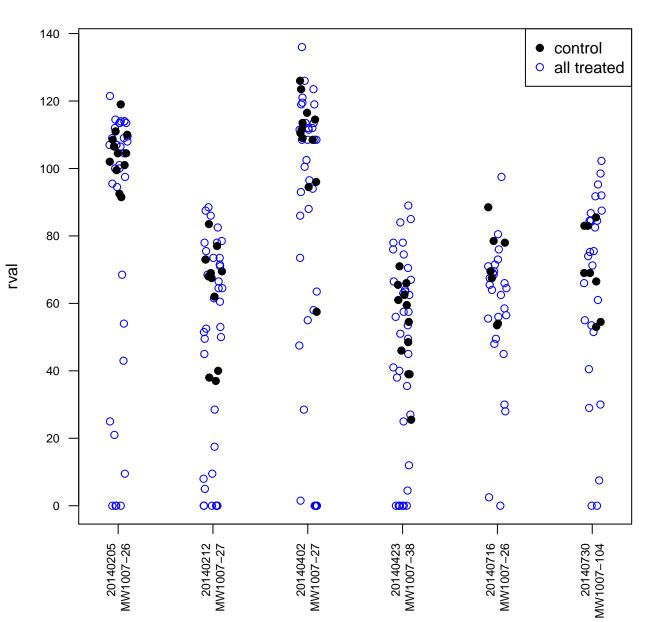
DIV

Verification of Estimation of DIV9 in 20140730_MW1007-104

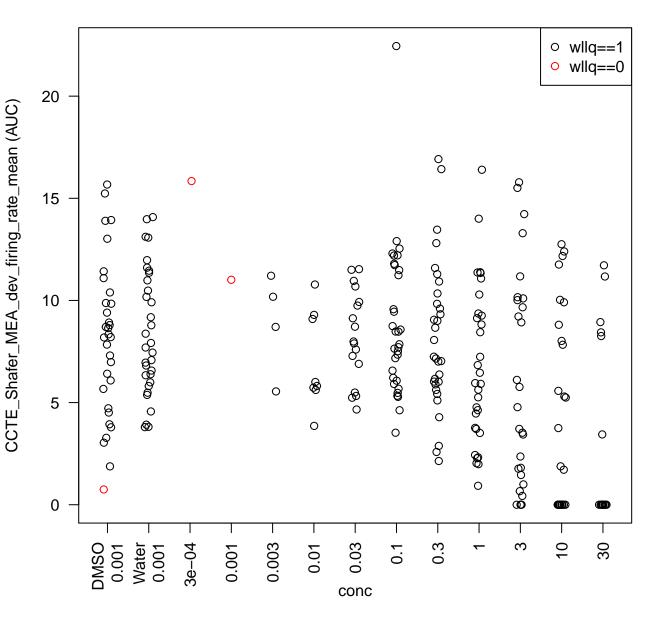
Brown2014 NFA Mean Firing Rate AUC by Plate



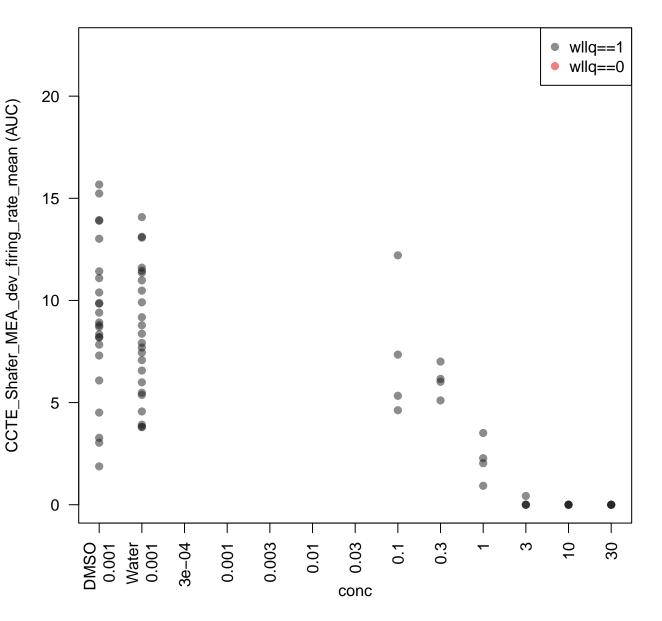
Brown2014 NFA # Active Electrodes AUC by Plate



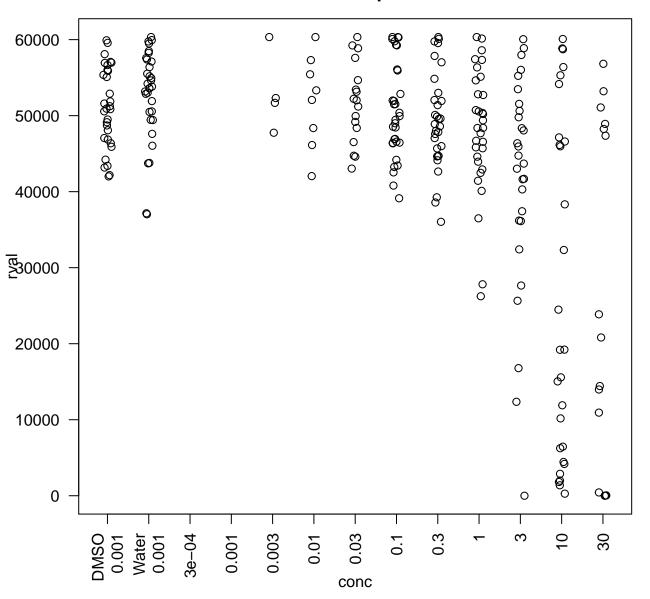
Mean Firing Rate AUC by dose for all compounds in Brown2014



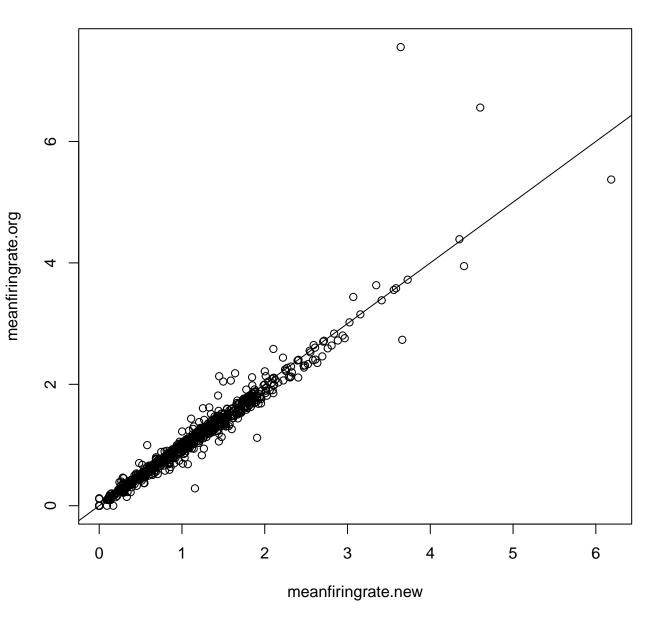
Loperamide Mean Firing Rate AUC Dose Response



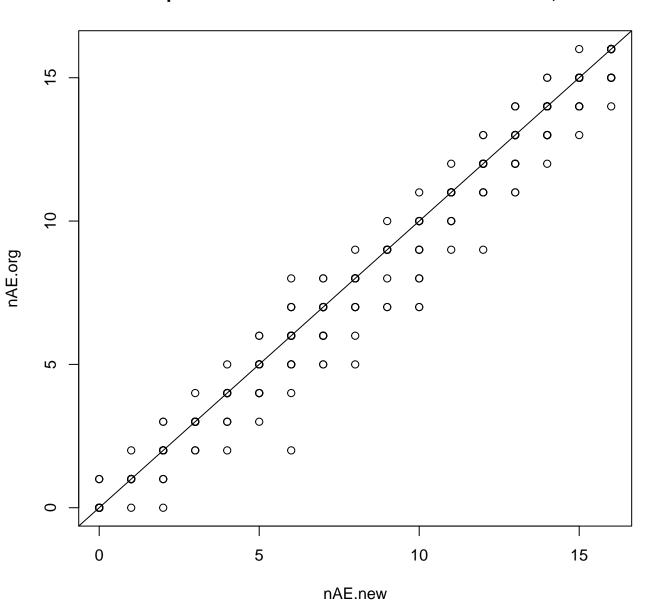
AB Blank-Corrected Values for Brown2014 where wllq == 1



Correlation plot of the Published MFR values vs current, for all DIV

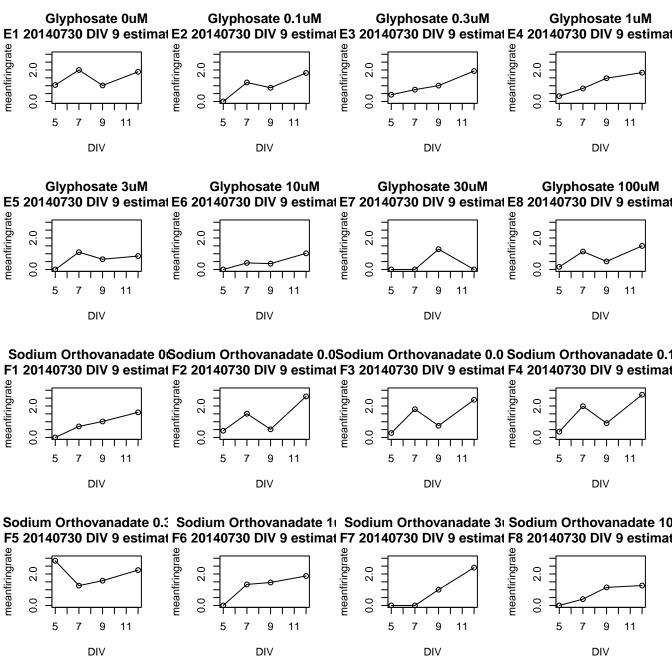


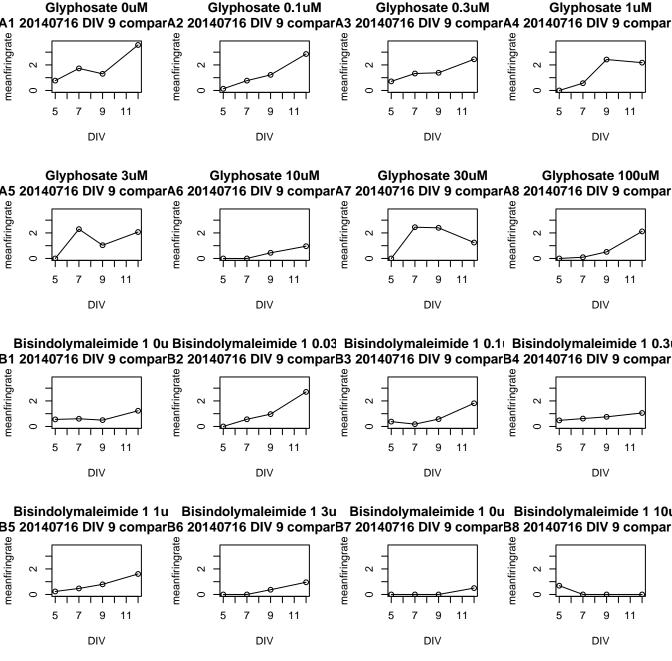
Correlation plot of the Published nAE values vs current, for all DIV



Bisindolymaleimide 1 0u Bisindolymaleimide 1 0.03 Bisindolymaleimide 1 0.11 Bisindolymaleimide 1 0.3 A1 20140730 DIV 9 estimal A2 20140730 DIV 9 estimal A3 20140730 DIV 9 estimal A4 20140730 DIV 9 estimal neanfiringrate meanfiringrate meanfiringrate meanfiringrate 2.0 2.0 2.0 2.0 0.0 0.0 0.0 5 9 5 11 DIV DIV DIV DIV Bisindolymaleimide 1 1u Bisindolymaleimide 1 3u Bisindolymaleimide 1 10 Bisindolymaleimide 1 0u A5 20140730 DIV 9 estimat A6 20140730 DIV 9 estimat A7 20140730 DIV 9 estimat A8 20140730 DIV 9 estimat neanfiringrate meanfiringrate meanfiringrate neanfiringrate 2.0 2.0 2.0 2.0 0.0 0.0 0.0 5 5 9 5 11 11 9 11 DIV DIV DIV DIV Glyphosate 0.1uM Glyphosate 0.3uM Glyphosate 1uM B1 20140730 DIV 9 estimal B2 20140730 DIV 9 estimal B3 20140730 DIV 9 estimal B4 20140730 DIV 9 est 5 5 9 11 9 11 9 11 9 11 DIV DIV DIV DIV Glyphosate 10uM Glyphosate 30uM Glyphosate 10uM B5 20140730 DIV 9 estimal B6 20140730 DIV 9 estimal B7 20140730 DIV 9 estimal B8 20140730 DIV 9 esti 5 11 5 9 5 11 11 11 9 5 9 DIV DIV DIV DIV

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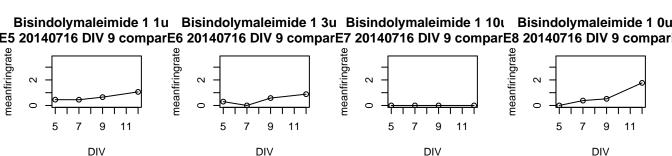
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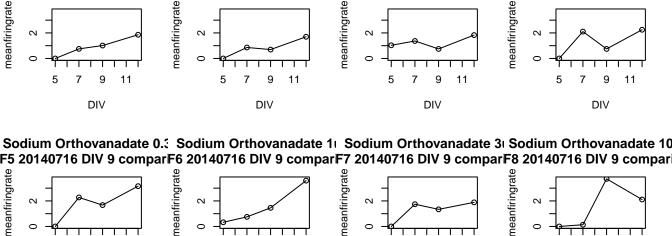
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DIV

Bisindolymaleimide 1 0u Bisindolymaleimide 1 0.03 Bisindolymaleimide 1 0.11 Bisindolymaleimide 1 0.3



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