Supplementary Materials for "Statistical approaches to analyzing HIV-1 neutralizing antibody assay data"
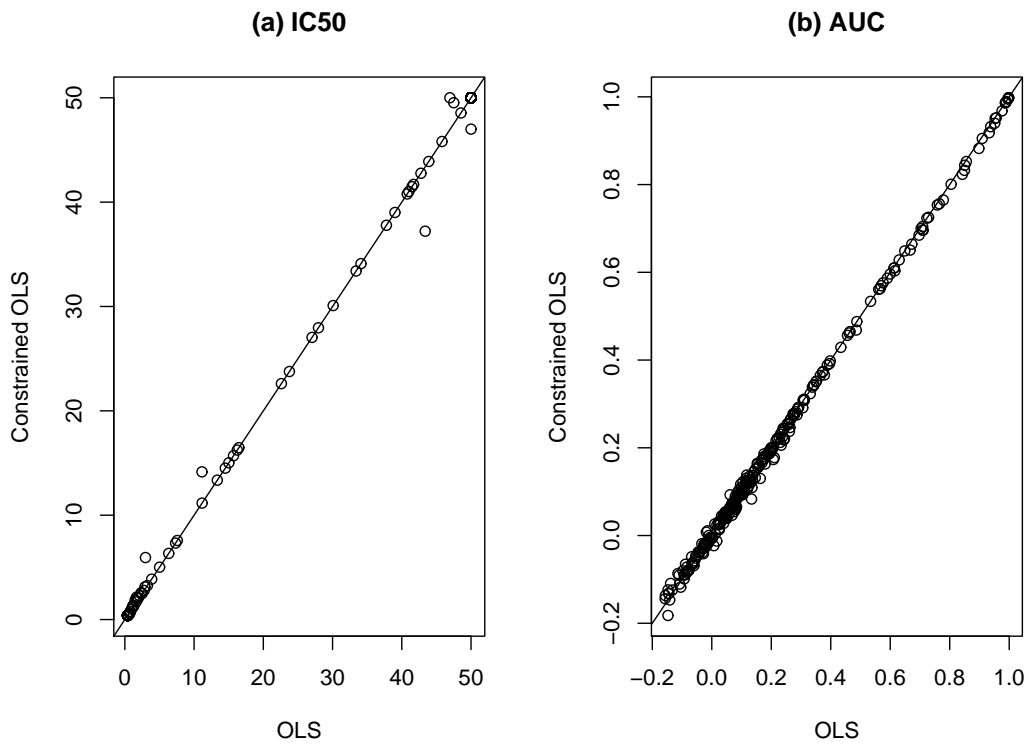
September 20, 2010

Figure 1: Scatter plot of estimated IC50 and AUC using un-constrained regression (OLS) versus constrained regression (constrained OLS) for the real TZM-bl assay data example. The solid line indicates the diagonal line. The results are comparable.
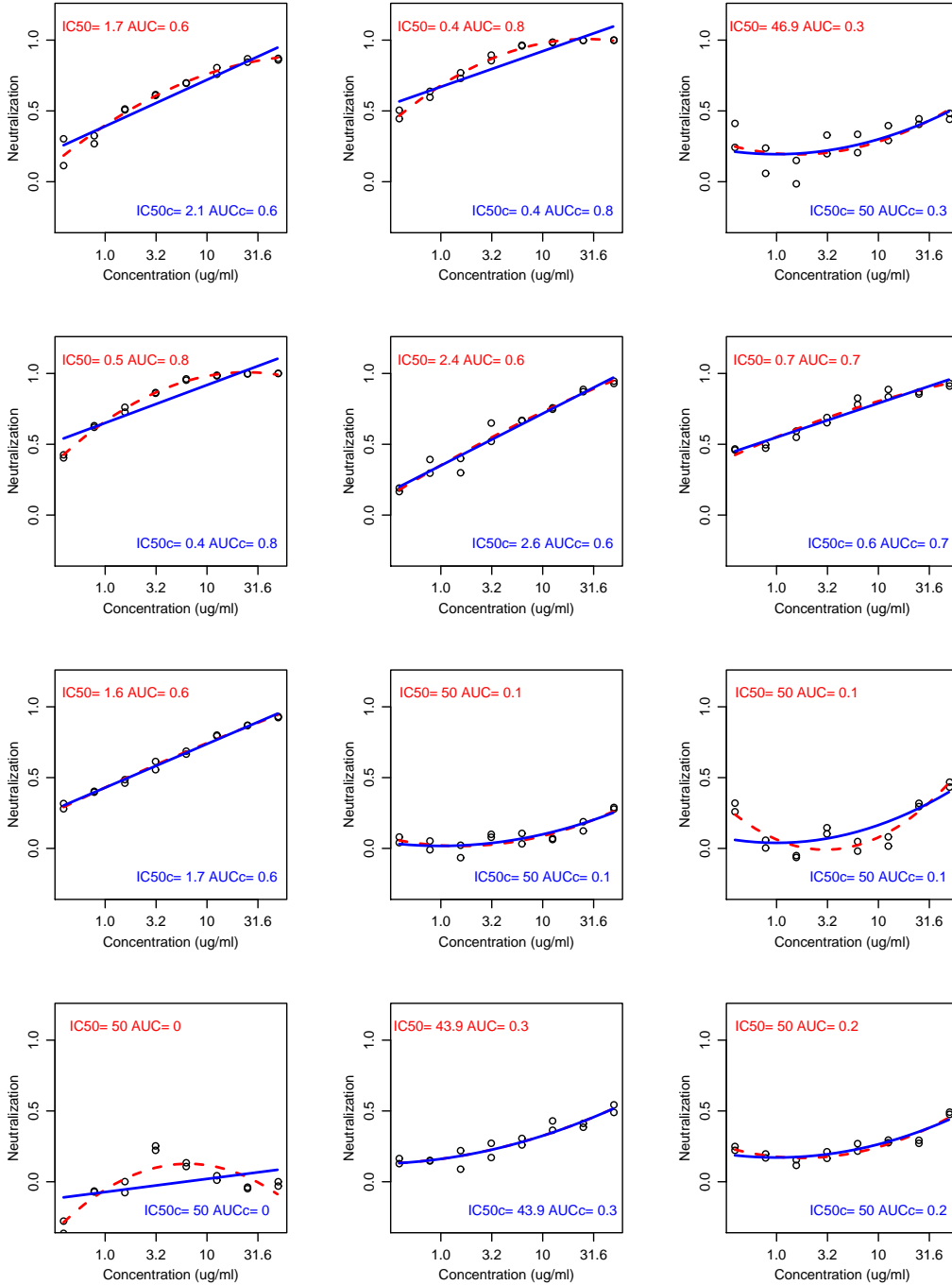
Figure 2: Scatter plot of raw data with fitted titration curves using un-constrained regression (red dotted lines) and constrained regression (solid blue line) for the real TZM-bl assay data example. IC50c and AUCc stands for estimated IC50 and AUC, respectively, using constrained regression.

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