Nonparametric, monotone and logistic fit IC₅₀=0.803 AUC=2076 MSE=68.44 140 Labels Drug response 120 Samples Nonparam ... IC50 Min-max band Viability band 100 Drug-span grad 36.7 Absolute doses 80 $\theta = -3^{\circ}$ IC₅₀=1.08 $IC_{50}=2.21$ AUC=1899 AUC=2076 MSE=219.6 MSE=112.45 140 Drug response Labels Samples - Sigmoid ···· IC50Sigm Monotone ···· IC50Mono NPB ···· IC50Npb $IC_{50}=3.03$ 80 AUC=2066 MSE=106.16 10,00 0,10 500 300 800

Dose µM