



S2 Fig. Relationship between initial guesses and optimized values for each binding reaction rate constant, separated by normalization options used. *BS1* describes simulations that were normalized against the concentration of bound BS1 at the end time point, and *Ab* indicates simulations that were normalized against the concentration of that specific antibody at the end time point. *Data* depicts simulations that were normalized using the bound concentrations at the binding saturation, as was done for the experimental data, and *Max* describes simulations that were normalized using the bound concentration at the maximum initial antibody concentration.