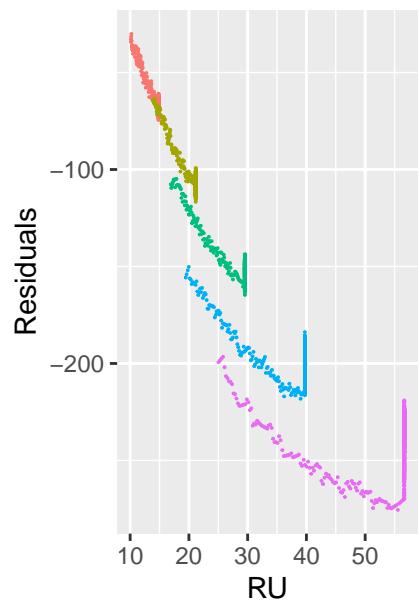
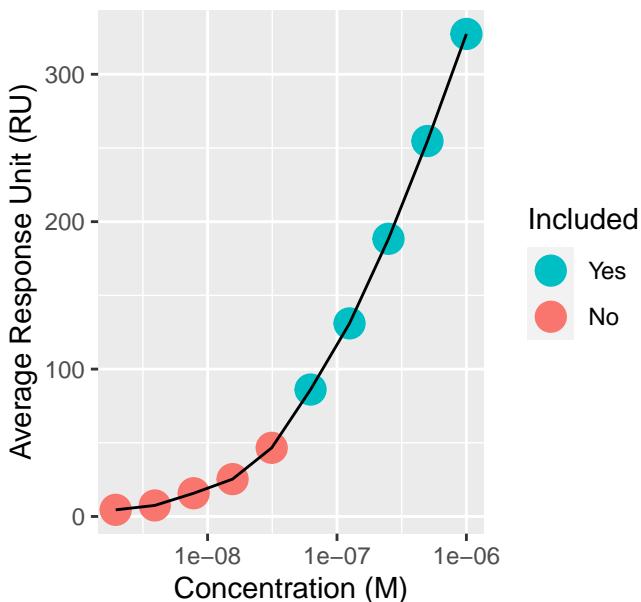


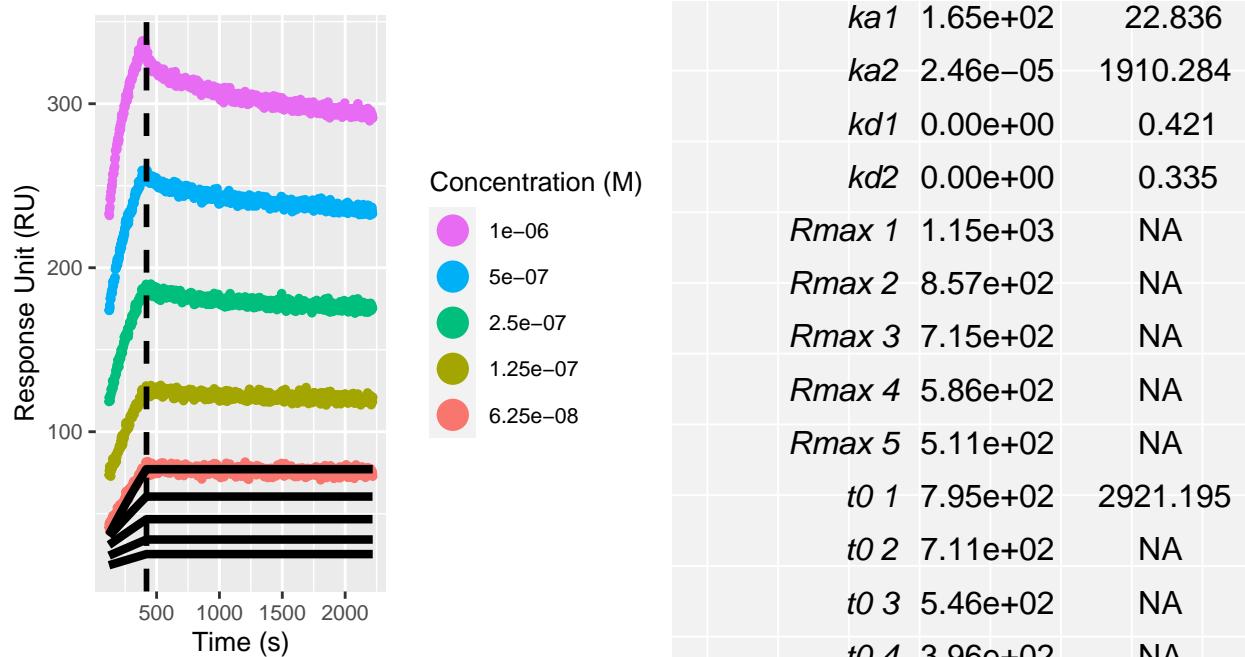
Residuals



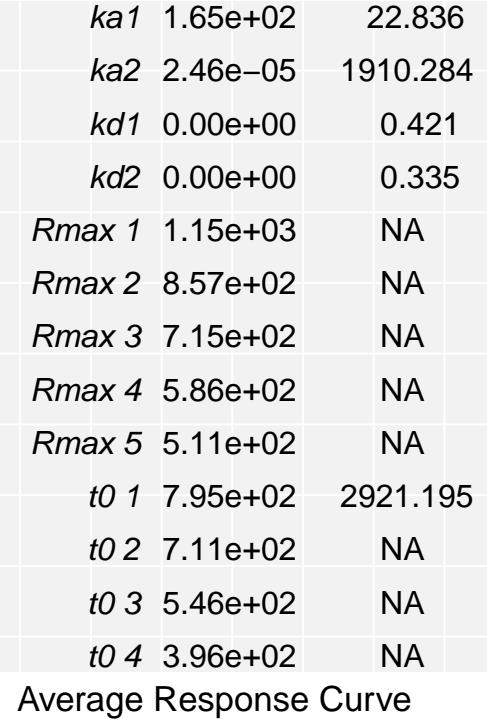
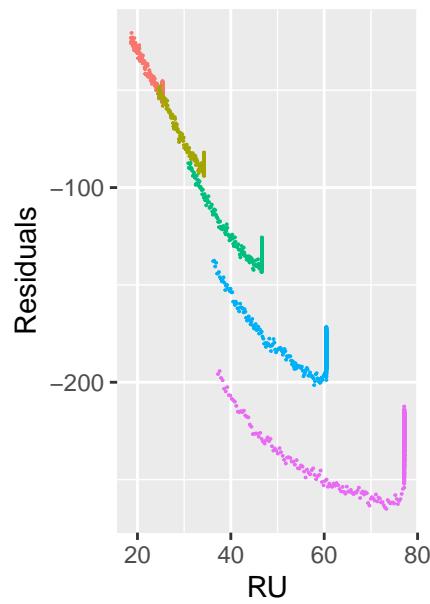
$ka1$	$1.44e+02$	47.052
$ka2$	$1.72e-05$	3323.436
$kd1$	$0.00e+00$	0.427
$kd2$	$0.00e+00$	0.393
$Rmax$ 1	$9.09e+02$	NA
$Rmax$ 2	$7.16e+02$	4593.387
$Rmax$ 3	$6.31e+02$	NA
$Rmax$ 4	$5.28e+02$	NA
$Rmax$ 5	$4.39e+02$	NA
$t0$ 1	$6.26e+02$	NA
$t0$ 2	$5.48e+02$	NA
$t0$ 3	$3.82e+02$	NA
$t0$ 4	$2.64e+02$	NA

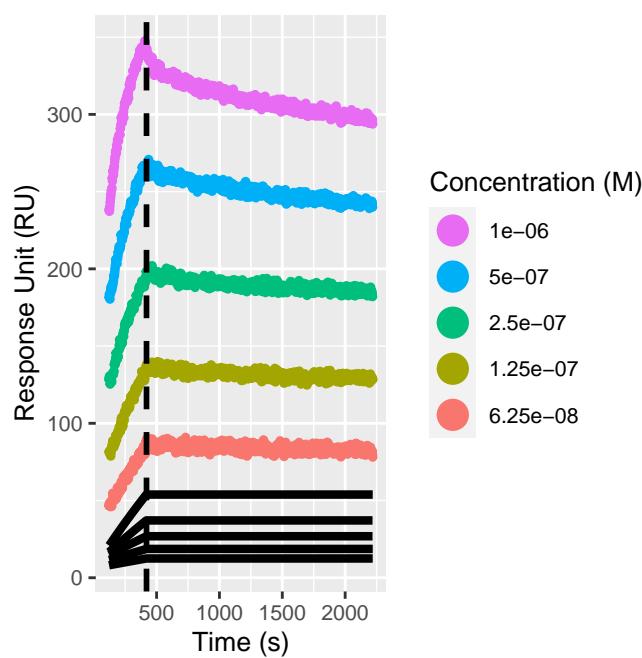
Average Response Curve



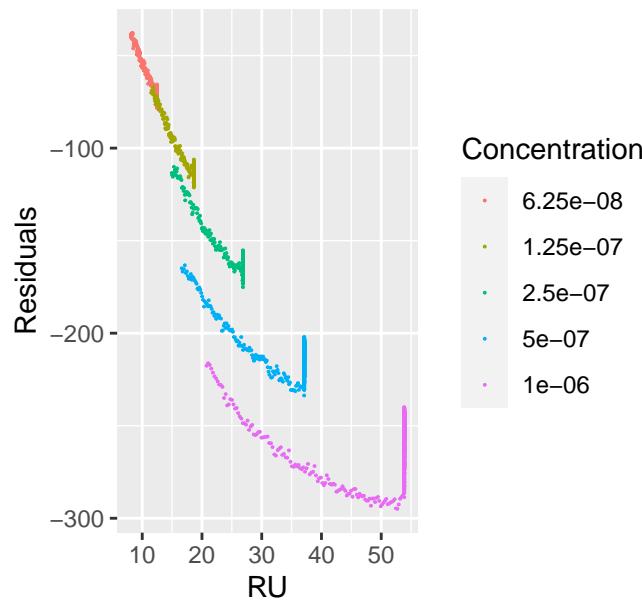


Residuals



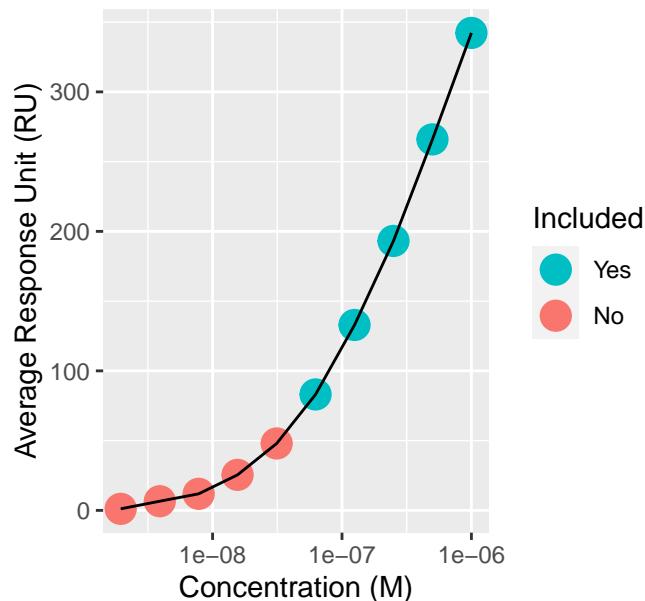


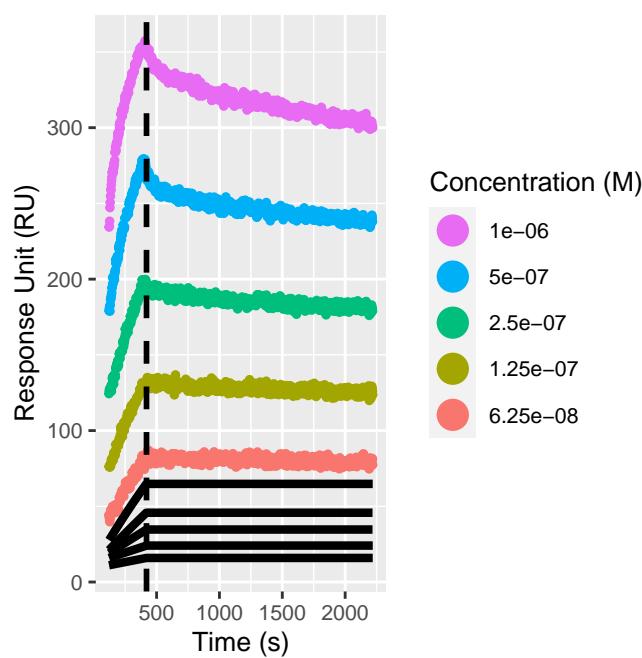
Residuals



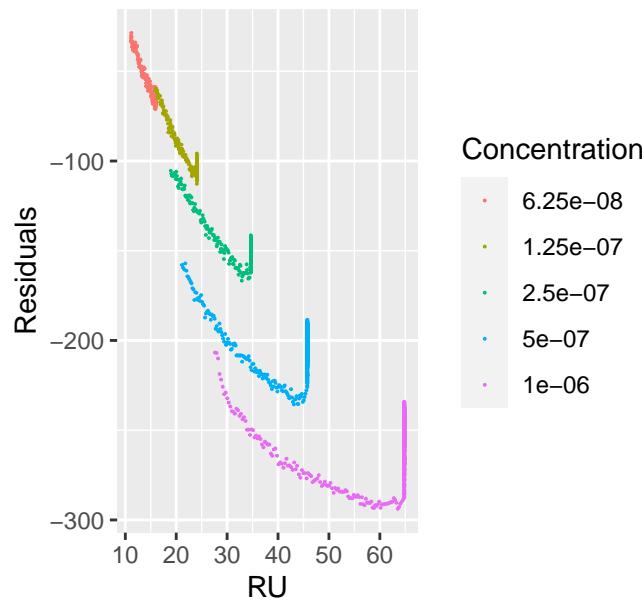
$ka1$	$1.41e+02$	74.795
$ka2$	$1.61e-05$	4366.474
$kd1$	$0.00e+00$	0.523
$kd2$	$0.00e+00$	0.482
$Rmax$ 1	$8.56e+02$	NA
$Rmax$ 2	$7.07e+02$	NA
$Rmax$ 3	$6.05e+02$	NA
$Rmax$ 4	$5.36e+02$	NA
$Rmax$ 5	$4.56e+02$	NA
$t0$ 1	$5.41e+02$	5309.684
$t0$ 2	$4.69e+02$	NA
$t0$ 3	$3.57e+02$	NA
$t0$ 4	$2.25e+02$	NA

Average Response Curve



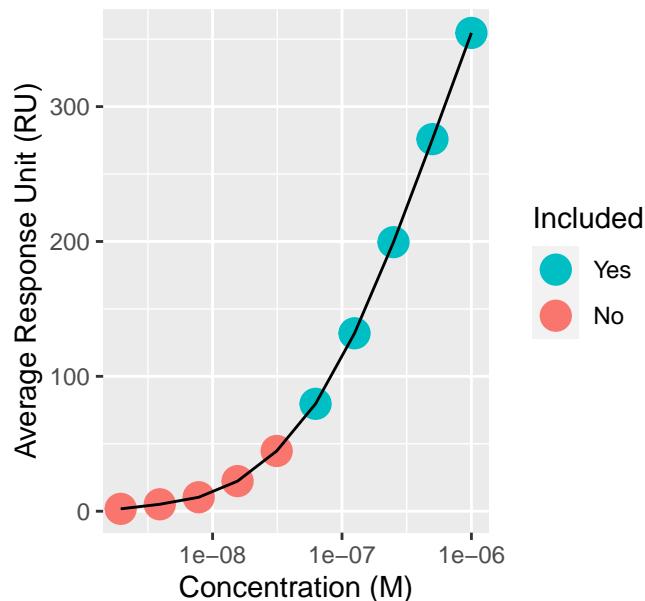


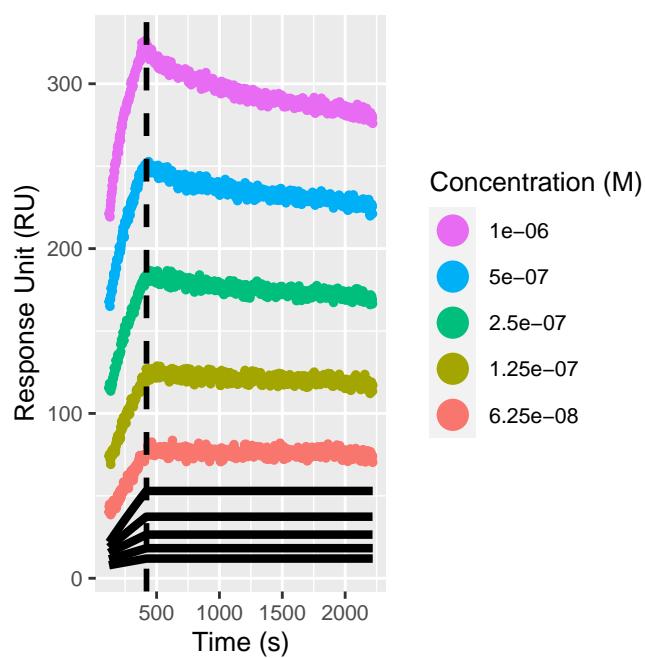
Residuals



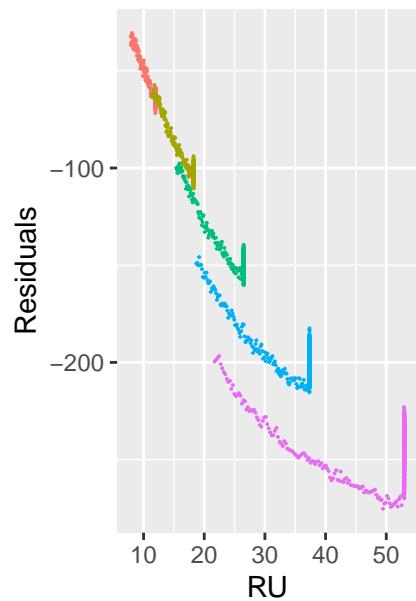
$ka1$	$1.51e+02$	40.234
$ka2$	$1.91e-05$	3289.756
$kd1$	$0.00e+00$	0.446
$kd2$	$0.00e+00$	0.396
$Rmax$ 1	$8.87e+02$	NA
$Rmax$ 2	$7.67e+02$	NA
$Rmax$ 3	$7.50e+02$	NA
$Rmax$ 4	$6.10e+02$	4644.533
$Rmax$ 5	$4.95e+02$	NA
$t0$ 1	$6.71e+02$	NA
$t0$ 2	$5.60e+02$	NA
$t0$ 3	$3.42e+02$	NA
$t0$ 4	$2.36e+02$	NA

Average Response Curve



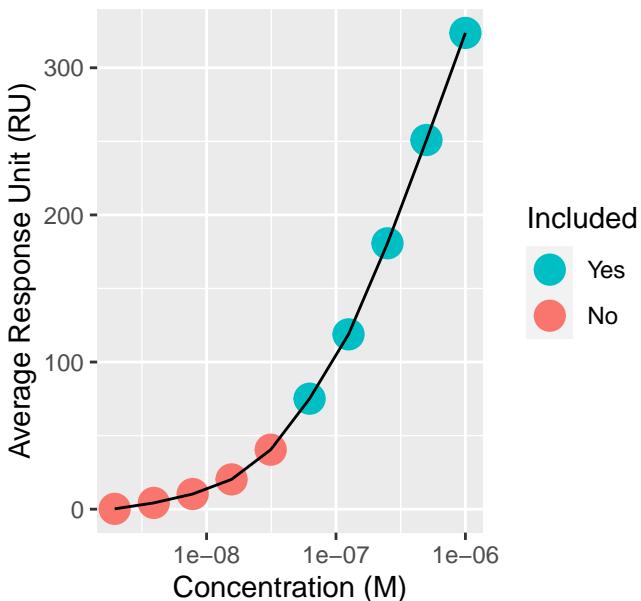


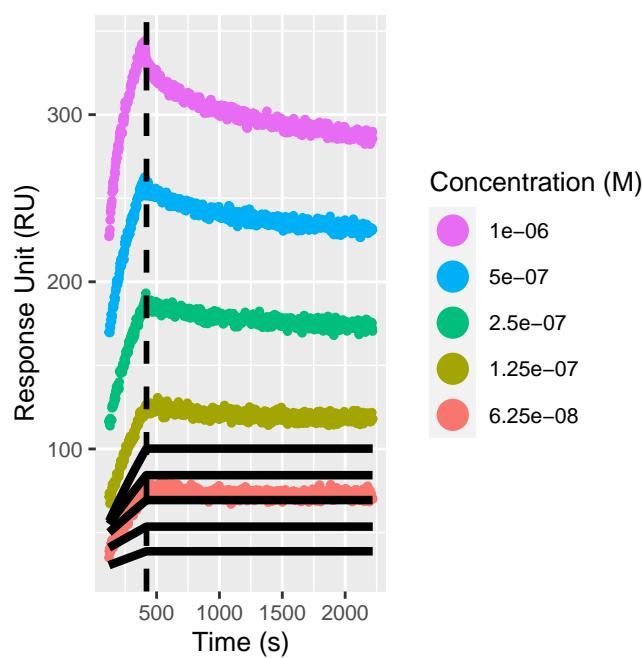
Residuals



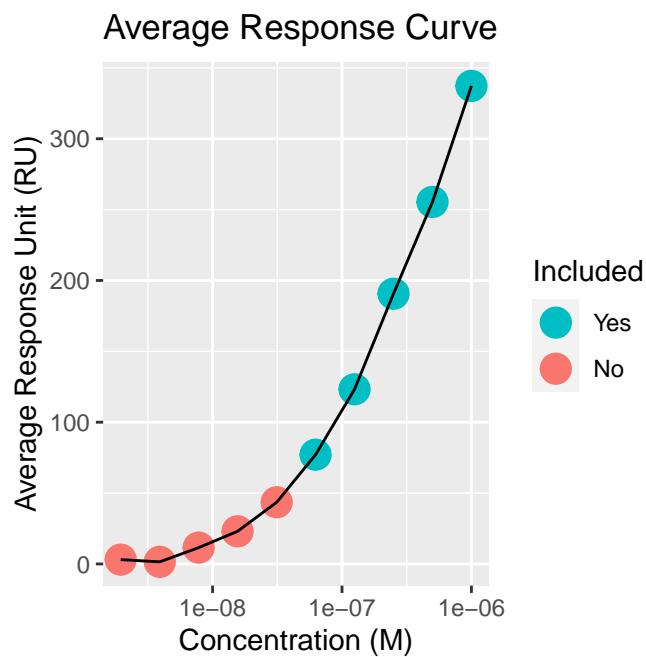
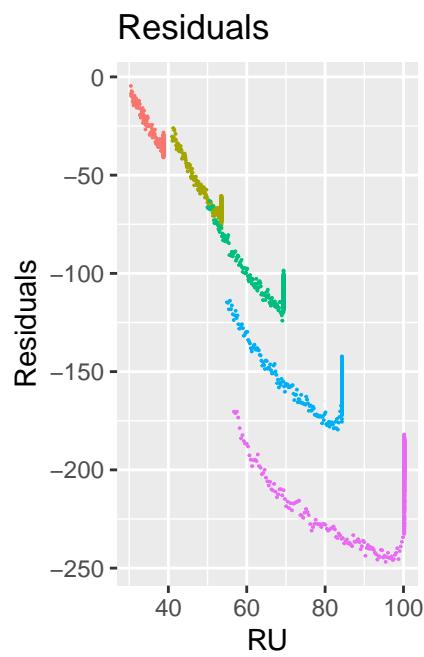
$ka1$	$1.42e+02$	64.062
$ka2$	$1.68e-05$	4179.555
$kd1$	$0.00e+00$	0.493
$kd2$	$0.00e+00$	0.439
$Rmax$ 1	$7.88e+02$	NA
$Rmax$ 2	$6.68e+02$	5321.125
$Rmax$ 3	$5.61e+02$	NA
$Rmax$ 4	$4.91e+02$	NA
$Rmax$ 5	$4.32e+02$	NA
$t0$ 1	$5.70e+02$	NA
$t0$ 2	$4.91e+02$	NA
$t0$ 3	$3.95e+02$	NA
$t0$ 4	$2.76e+02$	NA

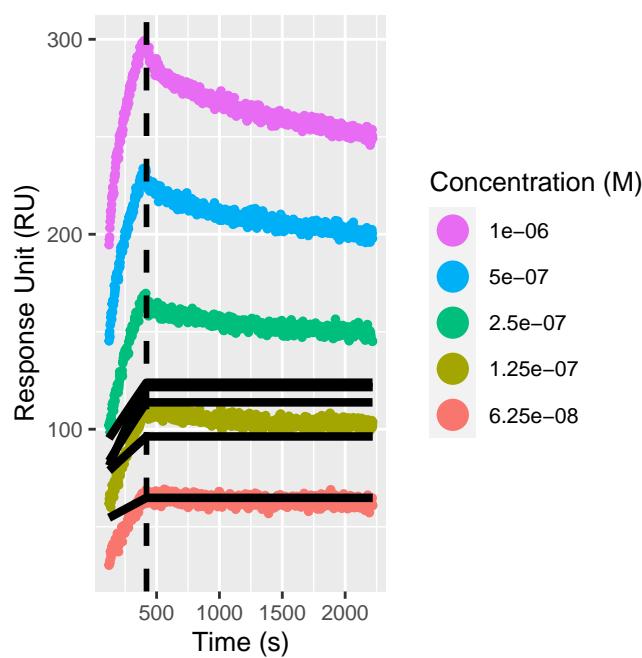
Average Response Curve



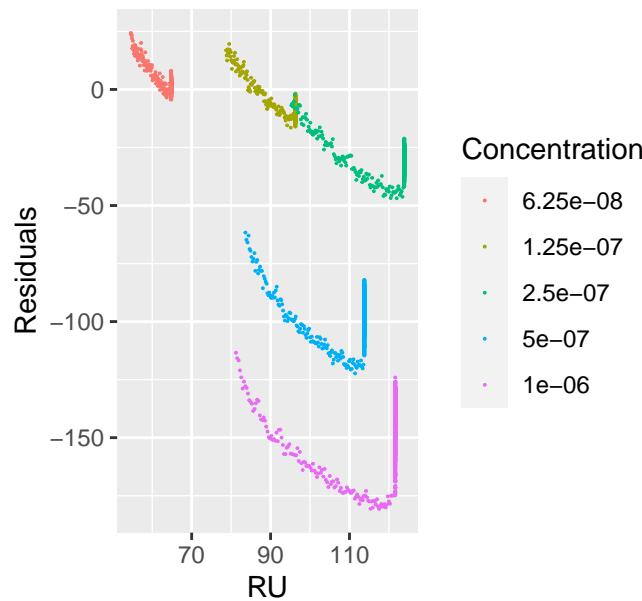


$ka1$	1.80e+02	10.133
$ka2$	2.85e-05	1097.612
$kd1$	0.00e+00	0.298
$kd2$	0.00e+00	0.228
$Rmax$ 1	1.32e+03	NA
$Rmax$ 2	1.03e+03	2029.859
$Rmax$ 3	8.40e+02	NA
$Rmax$ 4	6.83e+02	NA
$Rmax$ 5	5.53e+02	NA
$t0$ 1	1.05e+03	NA
$t0$ 2	9.19e+02	NA
$t0$ 3	7.01e+02	NA
$t0$ 4	4.83e+02	NA



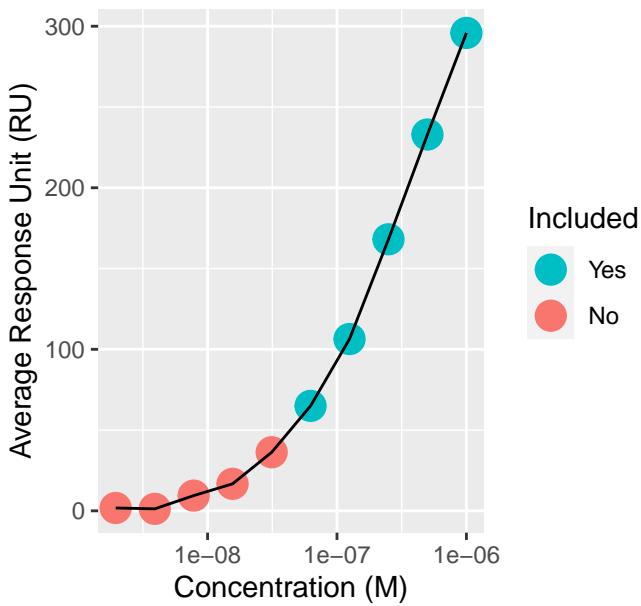


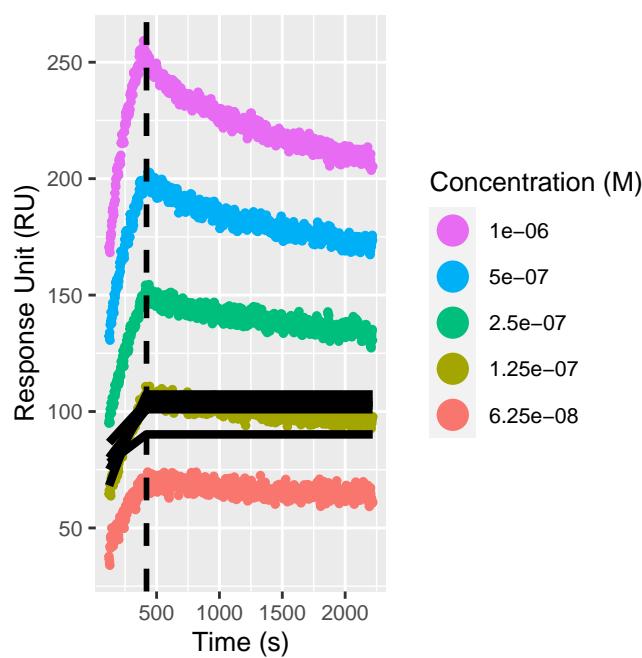
Residuals



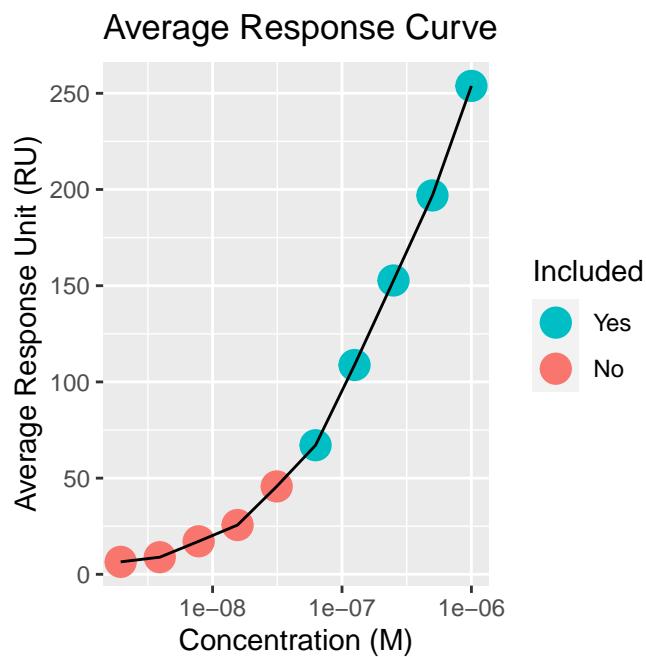
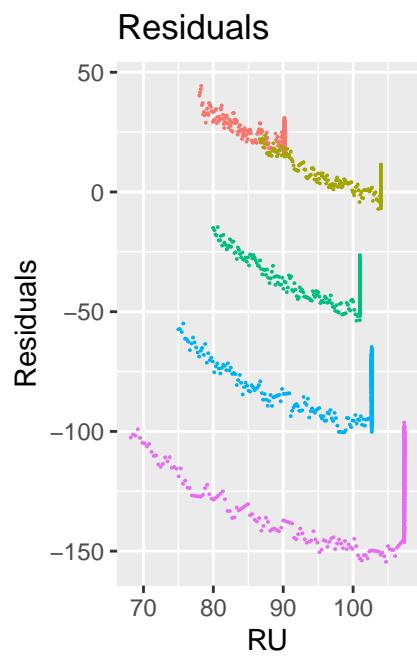
ka_1	2.03e+02	2.987
ka_2	3.78e-05	434.639
kd_1	0.00e+00	0.175
kd_2	0.00e+00	0.116
$R_{max} 1$	1.47e+03	NA
$R_{max} 2$	1.34e+03	NA
$R_{max} 3$	1.16e+03	NA
$R_{max} 4$	6.94e+02	2341.828
$R_{max} 5$	5.30e+02	NA
$t_0 1$	1.51e+03	NA
$t_0 2$	1.23e+03	NA
$t_0 3$	8.80e+02	NA
$t_0 4$	6.74e+02	1027.208

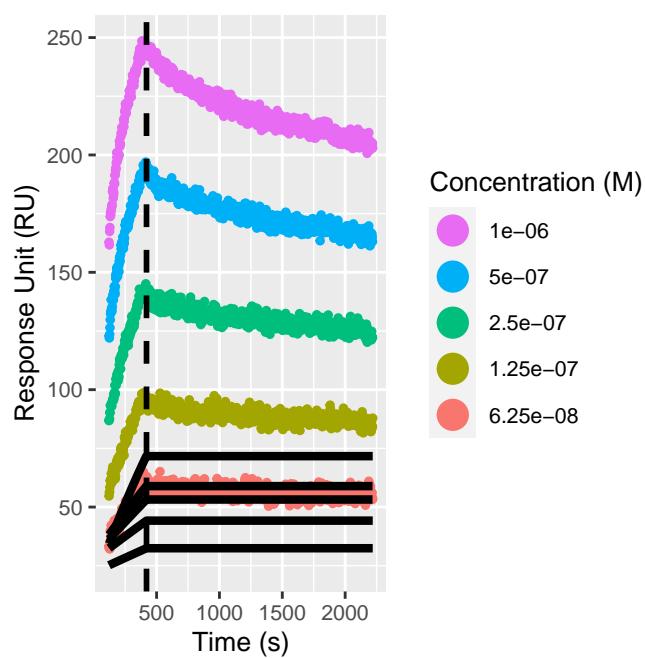
Average Response Curve



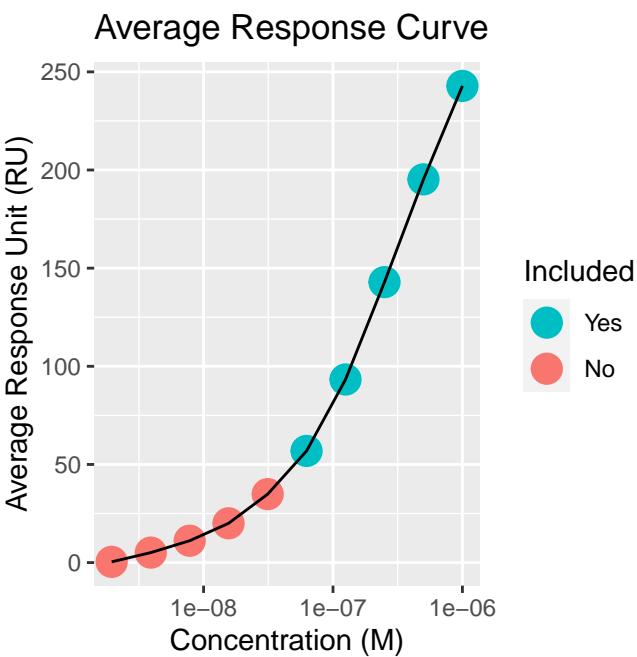
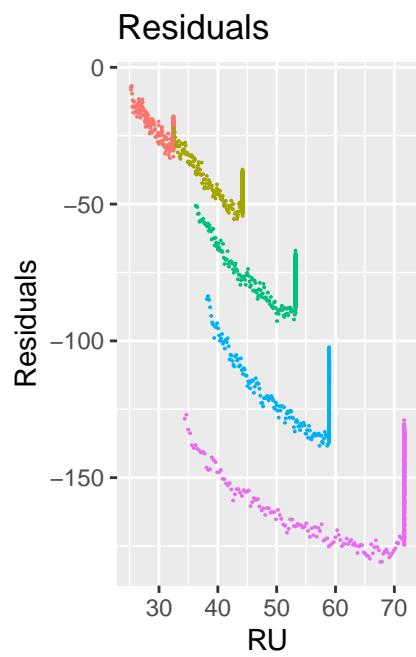


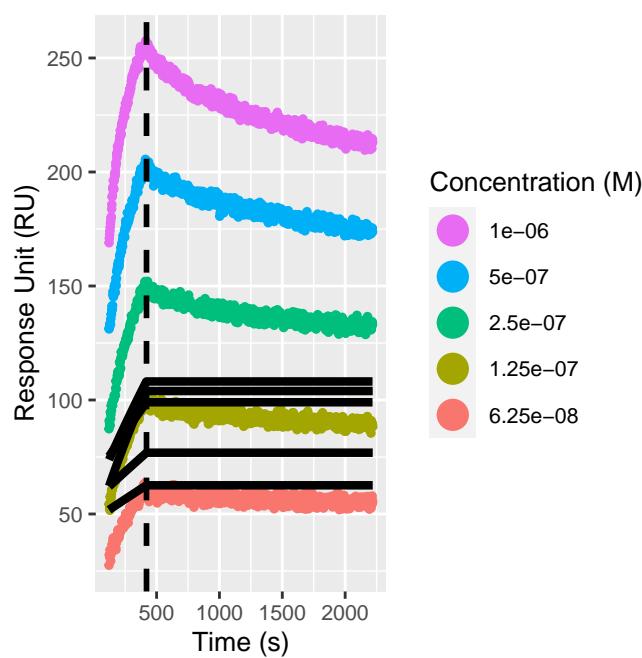
$ka1$	$2.13e+02$	1.9280
$ka2$	$4.55e-05$	274.4277
$kd1$	$0.00e+00$	0.1643
$kd2$	$0.00e+00$	0.0954
$Rmax$ 1	$1.70e+03$	NA
$Rmax$ 2	$1.28e+03$	733.6273
$Rmax$ 3	$8.39e+02$	NA
$Rmax$ 4	$6.11e+02$	NA
$Rmax$ 5	$4.78e+02$	1611.1696
$t0$ 1	$1.80e+03$	NA
$t0$ 2	$1.36e+03$	NA
$t0$ 3	$9.89e+02$	NA
$t0$ 4	$6.54e+02$	NA





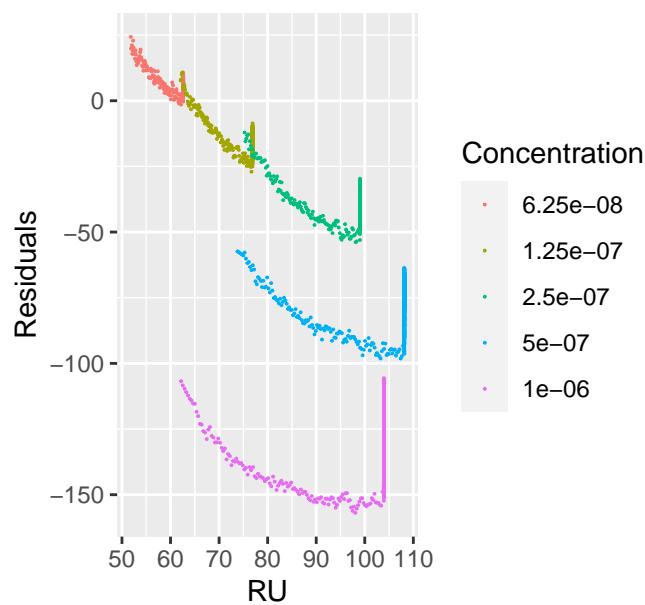
$ka1$	1.89e+02	4443.728
$ka2$	3.89e-05	1024.060
$kd1$	0.00e+00	0.387
$kd2$	0.00e+00	0.229
$Rmax$ 1	1.09e+03	NA
$Rmax$ 2	9.10e+02	1722.682
$Rmax$ 3	6.90e+02	NA
$Rmax$ 4	4.63e+02	NA
$Rmax$ 5	4.32e+02	10.078
$t0$ 1	1.00e+03	NA
$t0$ 2	7.84e+02	NA
$t0$ 3	5.85e+02	NA
$t0$ 4	4.72e+02	NA



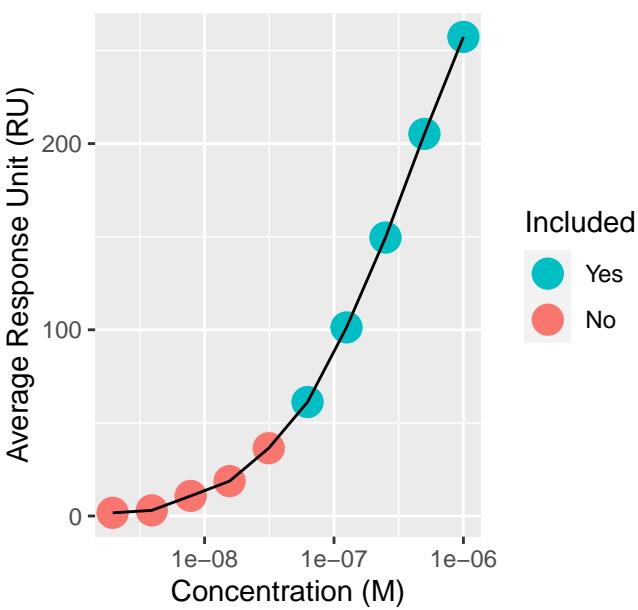


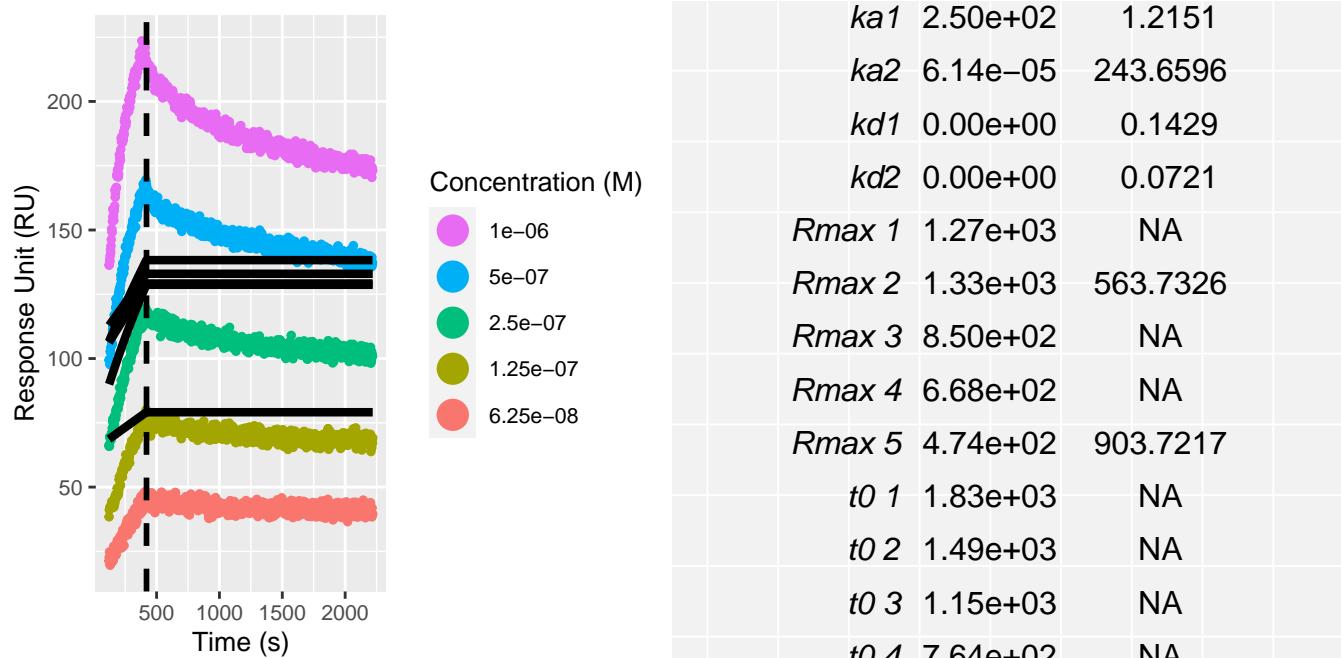
$ka1$	$2.19e+02$	3.548
$ka2$	$4.94e-05$	426.928
$kd1$	$0.00e+00$	0.245
$kd2$	$0.00e+00$	0.134
$Rmax$ 1	$1.44e+03$	NA
$Rmax$ 2	$1.05e+03$	844.816
$Rmax$ 3	$9.01e+02$	NA
$Rmax$ 4	$7.08e+02$	NA
$Rmax$ 5	$4.81e+02$	2082.406
$t0$ 1	$1.37e+03$	NA
$t0$ 2	$1.15e+03$	NA
$t0$ 3	$8.33e+02$	NA
$t0$ 4	$5.31e+02$	NA

Residuals

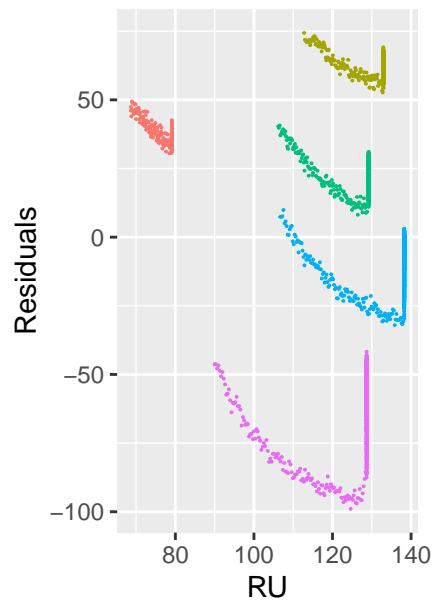


Average Response Curve

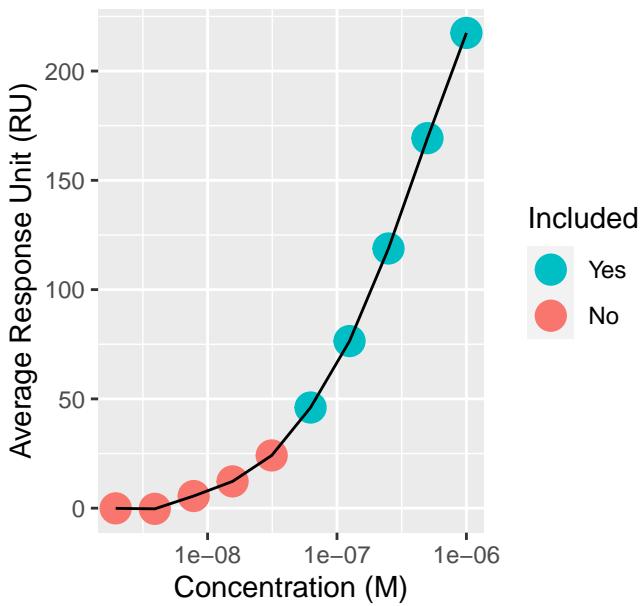


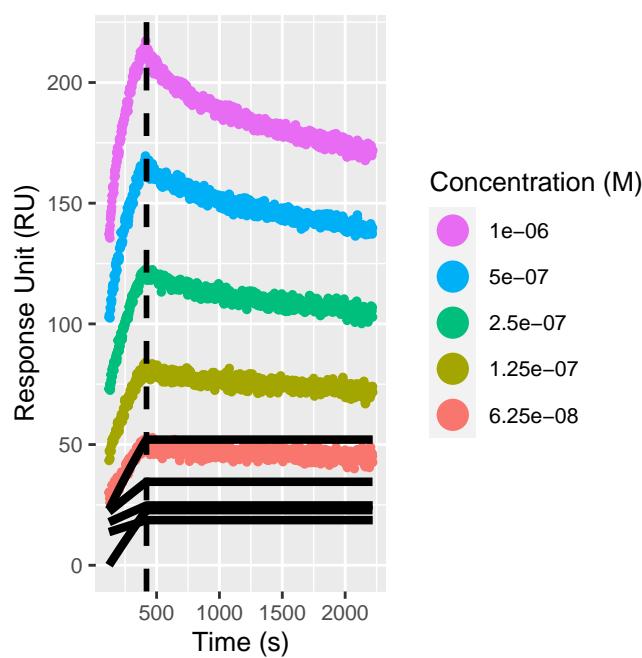


Residuals

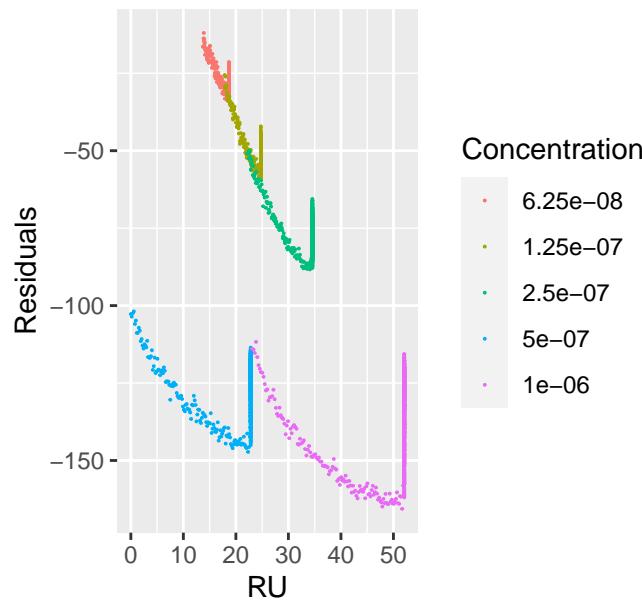


Average Response Curve



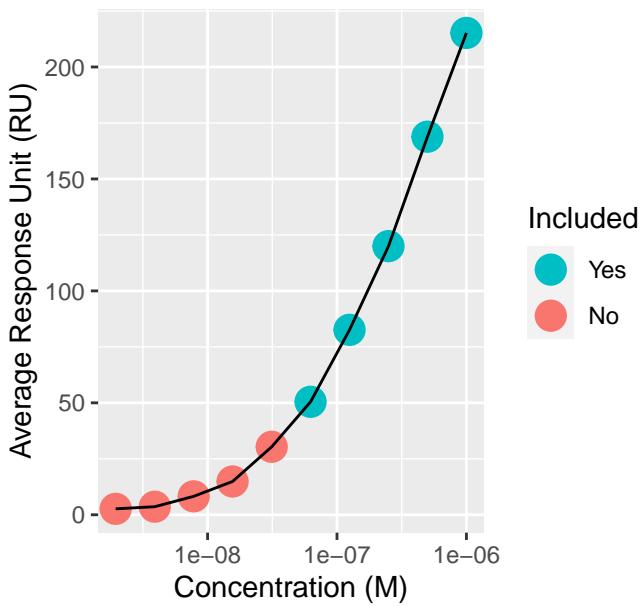


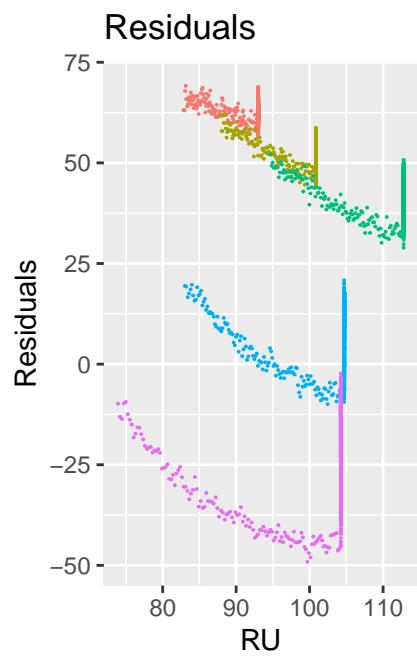
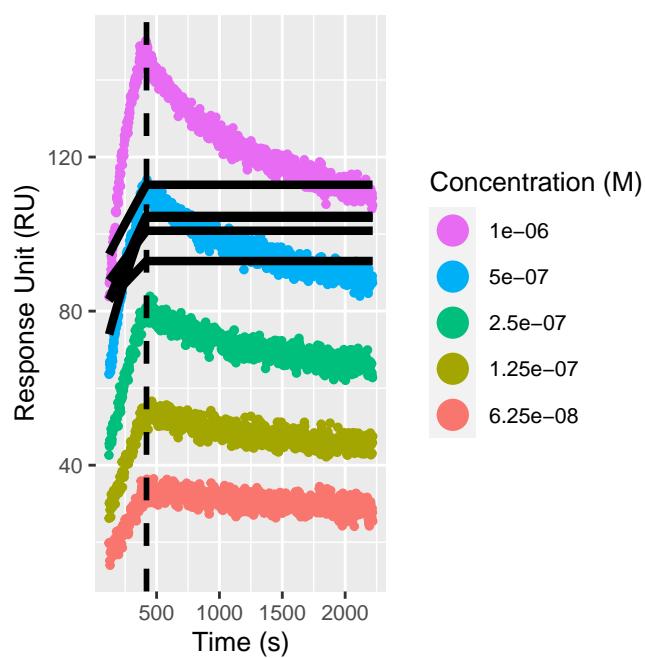
Residuals



$ka1$	$1.77e+02$	18.519
$ka2$	$3.83e-05$	1732.377
$kd1$	$0.00e+00$	0.541
$kd2$	$0.00e+00$	0.298
$Rmax$ 1	$7.84e+02$	NA
$Rmax$ 2	$5.66e+02$	NA
$Rmax$ 3	$5.24e+02$	NA
$Rmax$ 4	$4.54e+02$	NA
$Rmax$ 5	$3.43e+02$	5784.147
$t0$ 1	$8.05e+02$	NA
$t0$ 2	$7.35e+02$	NA
$t0$ 3	$4.97e+02$	2494.187
$t0$ 4	$2.05e-01$	NA

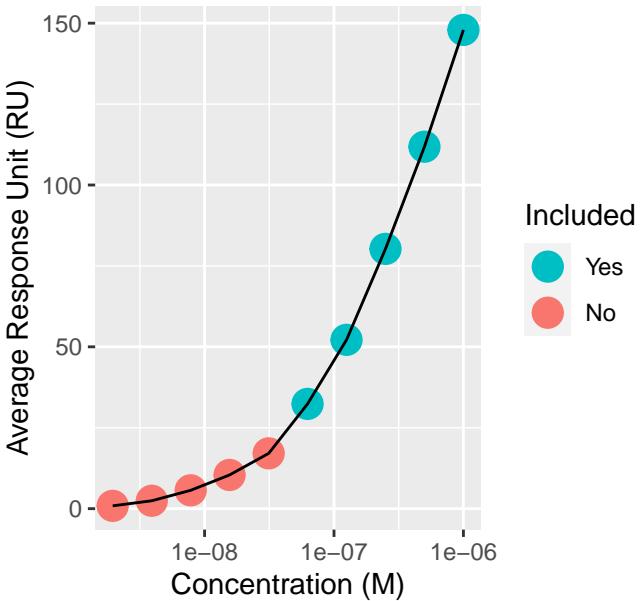
Average Response Curve

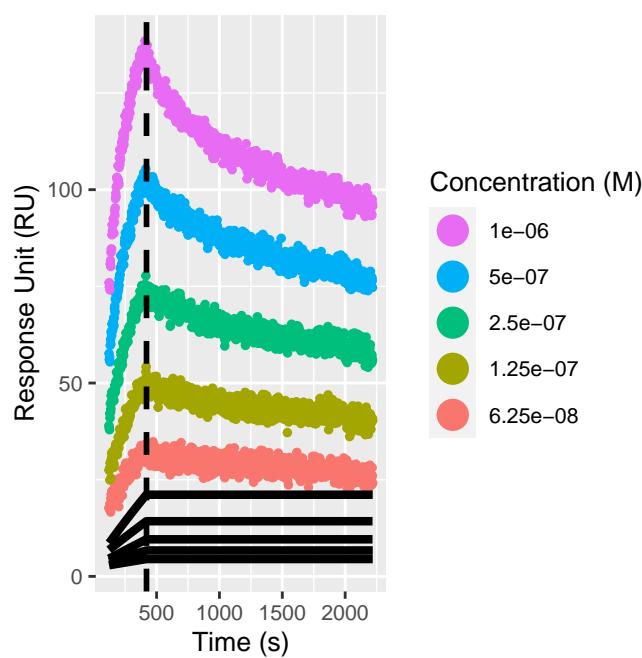




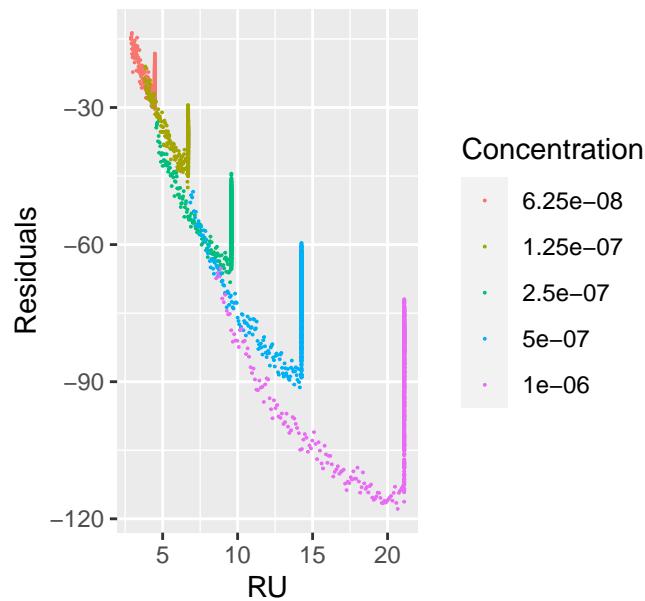
ka_1	2.78e+02	651.7913
ka_2	9.39e-05	219.0719
kd_1	0.00e+00	0.2154
kd_2	0.00e+00	0.0793
$R_{max} 1$	1.16e+03	NA
$R_{max} 2$	8.13e+02	NA
$R_{max} 3$	6.43e+02	NA
$R_{max} 4$	4.48e+02	0.9611
$R_{max} 5$	3.58e+02	NA
$t_0 1$	2.22e+03	NA
$t_0 2$	1.75e+03	NA
$t_0 3$	1.25e+03	NA
$t_0 4$	8.24e+02	553.1272

Average Response Curve





Residuals



$ka1$	$1.36e+02$	7329.140
$ka2$	$2.48e-05$	4059.610
$kd1$	$0.00e+00$	0.629
$kd2$	$0.00e+00$	0.306
$Rmax$ 1	$3.23e+02$	NA
$Rmax$ 2	$2.97e+02$	NA
$Rmax$ 3	$2.58e+02$	NA
$Rmax$ 4	$2.00e+02$	67.628
$Rmax$ 5	$1.78e+02$	NA
$t0$ 1	$5.27e+02$	NA
$t0$ 2	$3.79e+02$	NA
$t0$ 3	$2.64e+02$	NA
$t0$ 4	$2.57e+02$	4990.685

Average Response Curve

