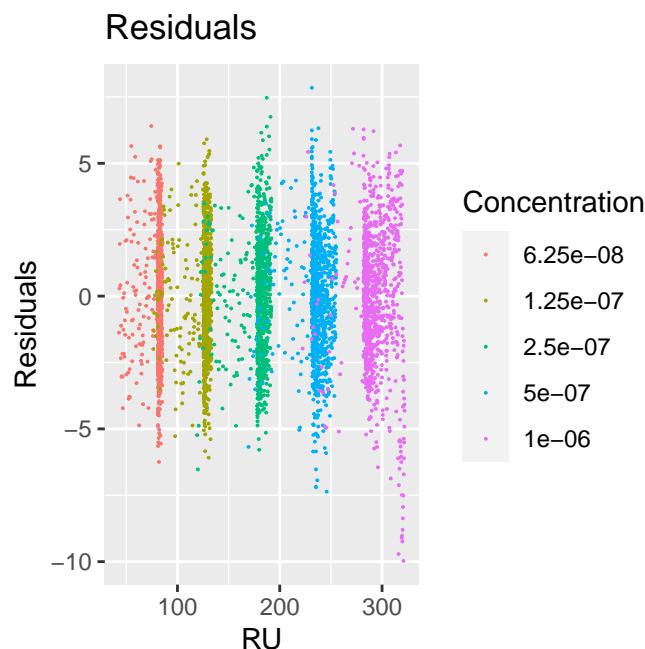
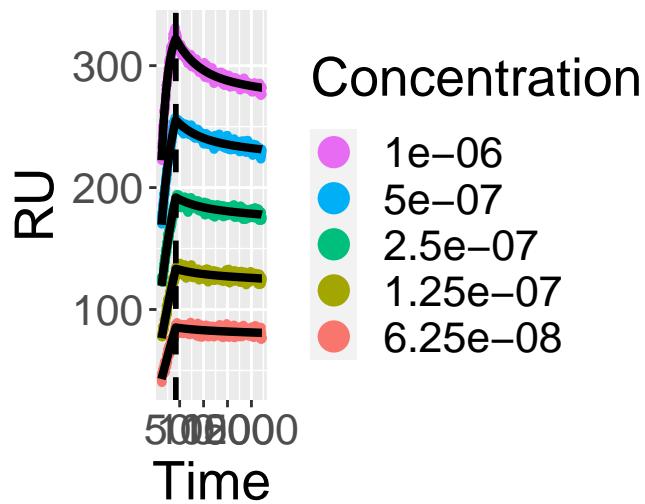


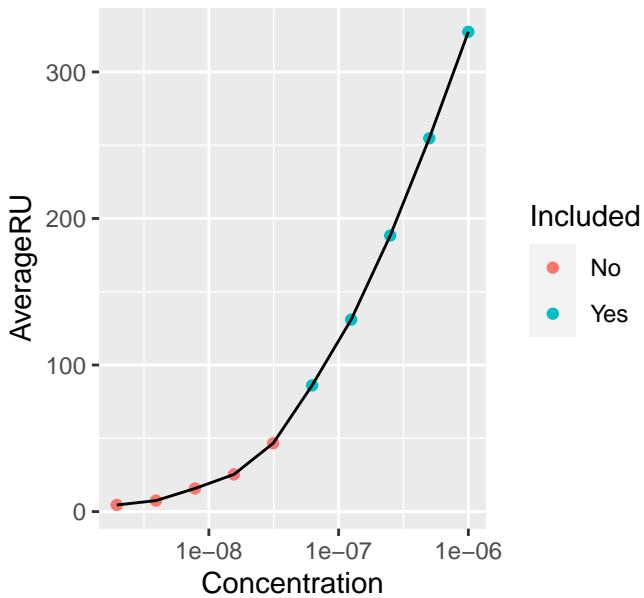
CH505

Bivalent Analyte Model–1 with Extended Length of



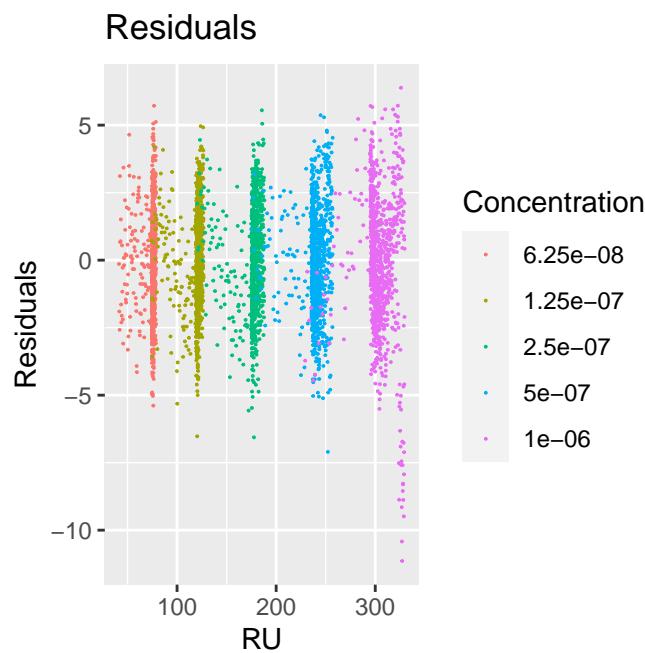
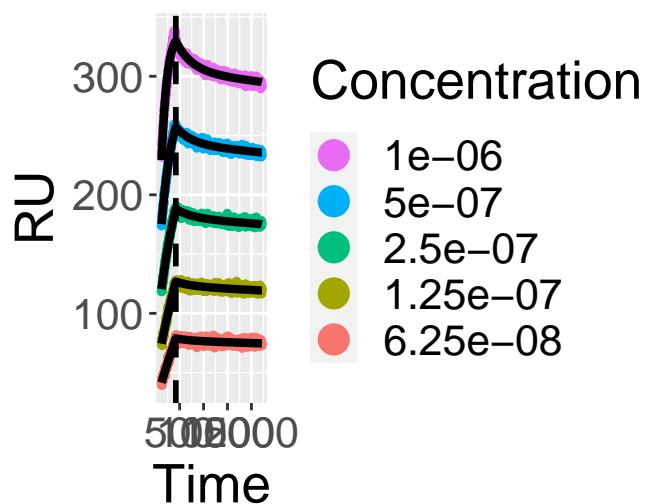
$ka1$	1.83e+03	3.48e+01
$ka2$	7.95e-05	2.08e-06
$kd1$	2.09e-05	3.14e-05
$kd2$	7.72e-06	5.03e-07
$Rmax$ 1	7.74e+02	1.36e+01
$Rmax$ 2	6.49e+02	9.00e+00
$Rmax$ 3	5.97e+02	5.76e+00
$Rmax$ 4	6.01e+02	3.51e+00
$Rmax$ 5	6.54e+02	2.10e+00
$t0$ 1	2.65e+02	4.24e+00
$t0$ 2	3.03e+02	3.36e+00
$t0$ 3	2.87e+02	3.18e+00
$t0$ 4	2.28e+02	3.33e+00

CH505



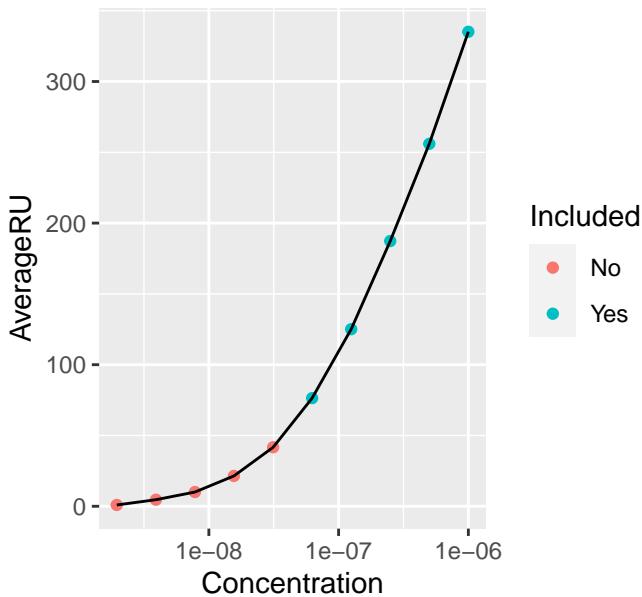
CH505

Bivalent Analyte Model–1 with Extended Length of



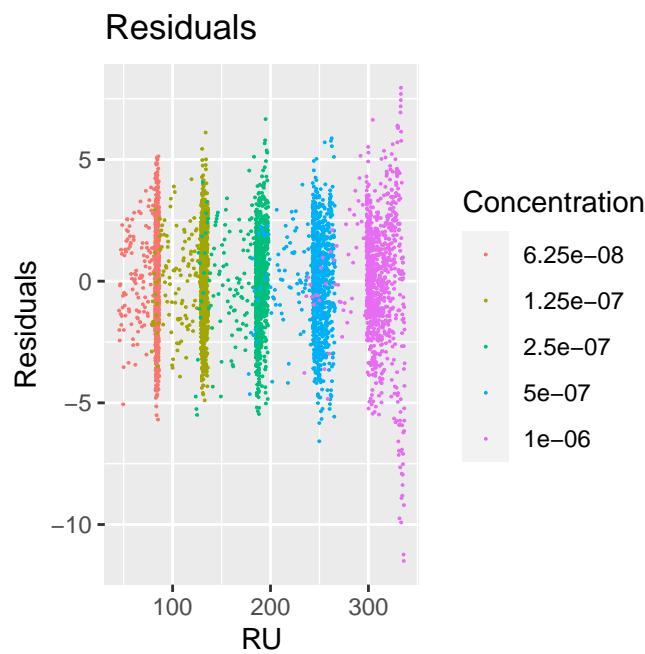
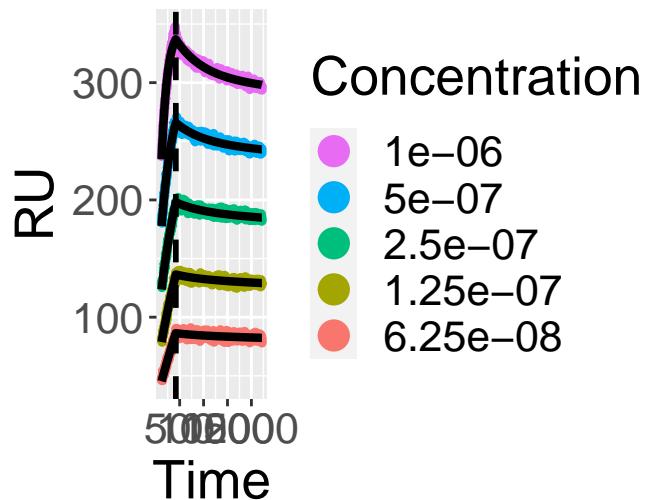
$ka1$	2.16e+03	3.24e+01
$ka2$	1.12e-04	2.59e-06
k_{d1}	2.99e-05	8.45e-05
$kd2$	8.45e-06	3.75e-07
$Rmax$ 1	6.10e+02	8.67e+00
$Rmax$ 2	5.51e+02	5.94e+00
$Rmax$ 3	5.42e+02	3.90e+00
$Rmax$ 4	5.84e+02	2.46e+00
$Rmax$ 5	6.67e+02	1.55e+00
t_0 1	2.82e+02	4.21e+00
t_0 2	3.04e+02	3.05e+00
t_0 3	2.84e+02	2.77e+00
t_0 4	2.17e+02	2.72e+00

CH505



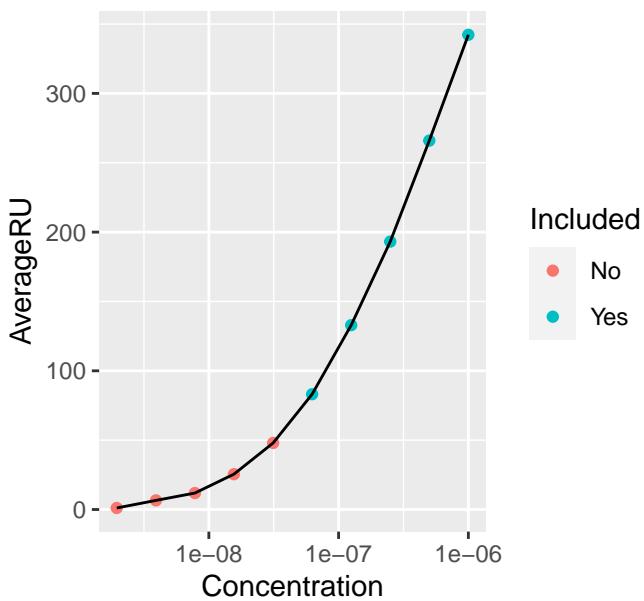
CH505

Bivalent Analyte Model–1 with Extended Length of



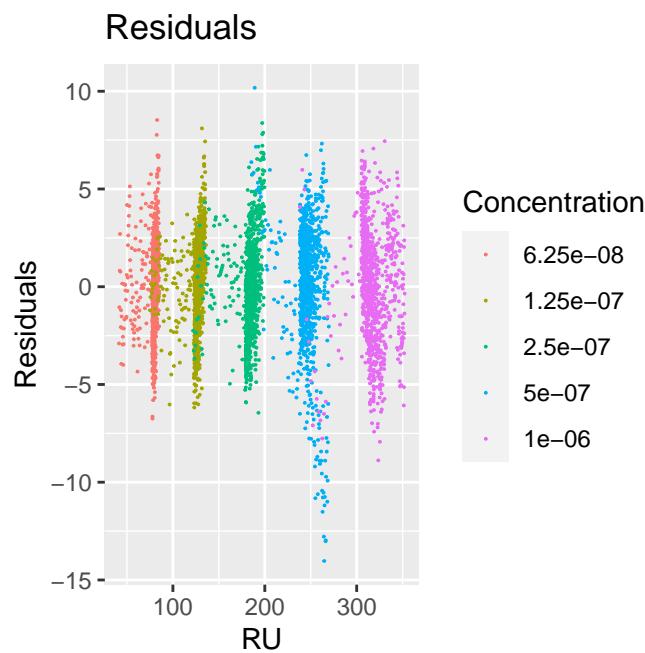
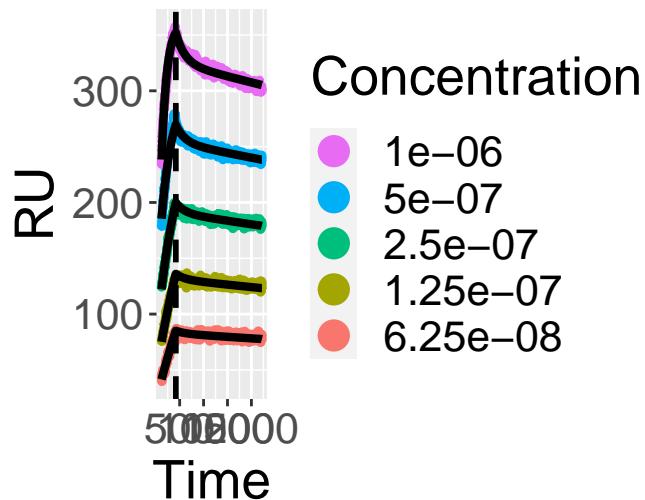
$ka1$	2.03e+03	3.23e+01
$ka2$	9.03e-05	2.16e-06
Kd	1.76e-05	4.75e-05
$kd2$	6.54e-06	4.93e-07
$Rmax$ 1	6.93e+02	1.01e+01
$Rmax$ 2	6.13e+02	6.84e+00
$Rmax$ 3	5.83e+02	4.38e+00
$Rmax$ 4	6.05e+02	2.64e+00
$Rmax$ 5	6.73e+02	1.59e+00
$t0$ 1	2.83e+02	4.14e+00
$t0$ 2	3.00e+02	3.01e+00
$t0$ 3	2.77e+02	2.76e+00
$t0$ 4	2.17e+02	2.81e+00

CH505



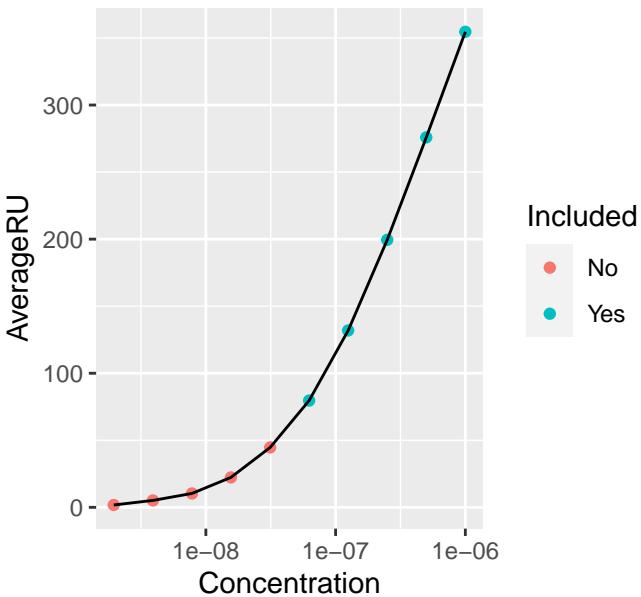
CH505

Bivalent Analyte Model–1 with Extended Length of



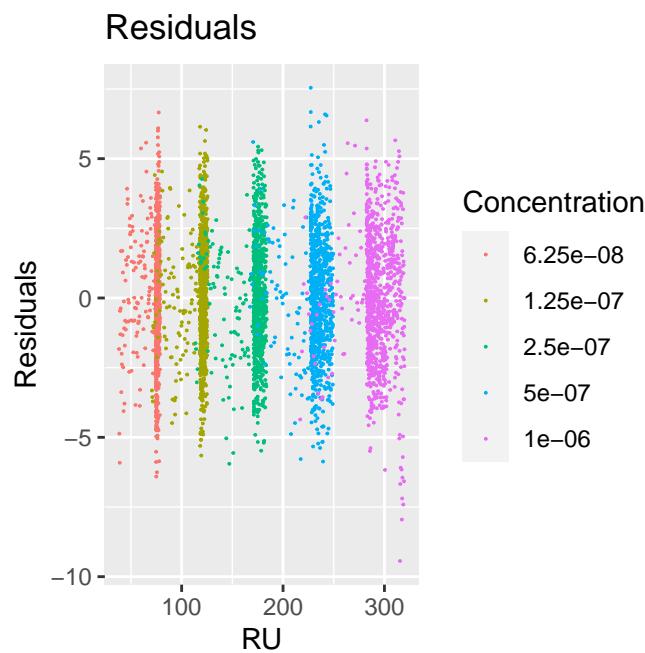
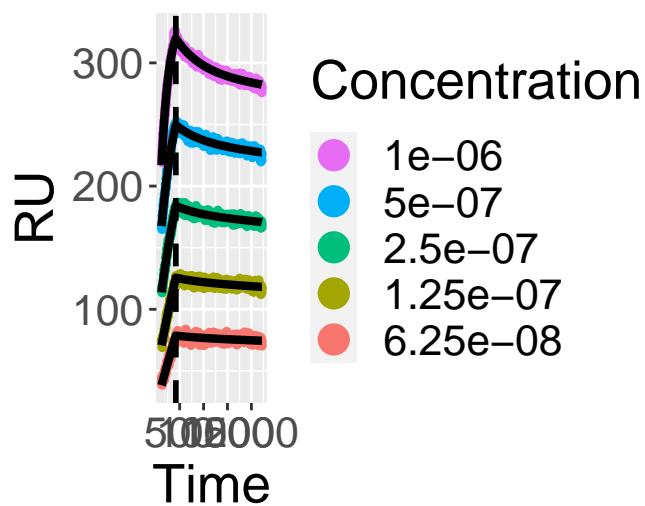
$ka1$	$2.27e+03$	$3.96e+01$
$ka2$	$8.95e-05$	$2.54e-06$
k_{d1}	$0.88e-05$	$1.65e-01$
$kd2$	$1.75e-05$	$3.36e-07$
$Rmax$ 1	$6.97e+02$	$1.20e+01$
$Rmax$ 2	$6.22e+02$	$8.46e+00$
$Rmax$ 3	$5.99e+02$	$5.77e+00$
$Rmax$ 4	$6.25e+02$	$3.65e+00$
$Rmax$ 5	$7.27e+02$	$2.56e+00$
$t0$ 1	$2.41e+02$	$4.47e+00$
$t0$ 2	$2.66e+02$	$3.28e+00$
$t0$ 3	$2.52e+02$	$2.98e+00$
$t0$ 4	$2.14e+02$	$3.24e+00$

CH505



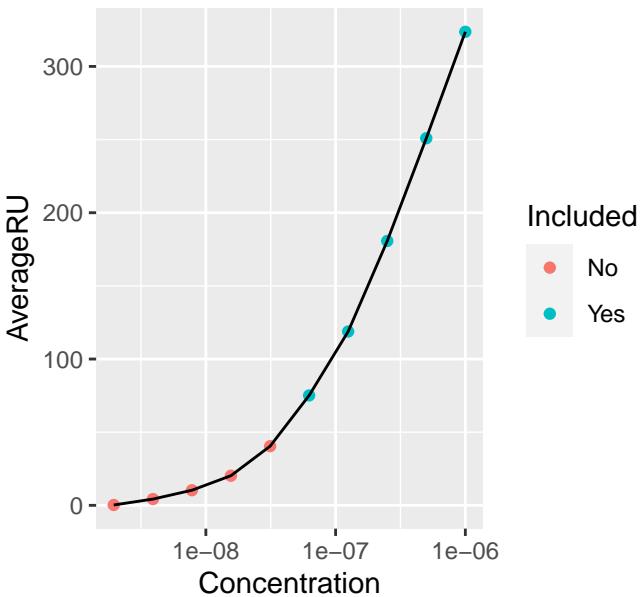
CH505

Bivalent Analyte Model–1 with Extended Length of



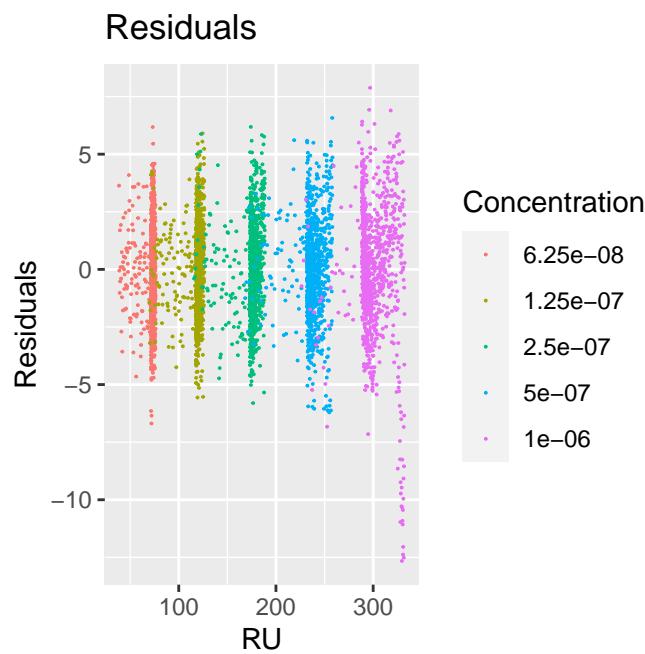
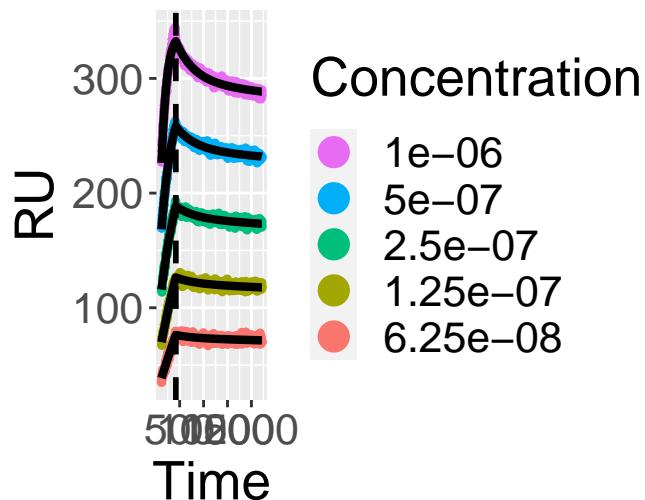
ka_1	1.61×10^3	3.09×10^1
ka_2	8.24×10^{-5}	2.33×10^{-6}
K_{dA}	1.66×10^{-5}	6.76×10^{-5}
kd_2	9.60×10^{-6}	5.11×10^{-7}
$R_{max} 1$	8.11×10^2	1.47×10^1
$R_{max} 2$	6.74×10^2	9.80×10^0
$R_{max} 3$	6.08×10^2	6.26×10^0
$R_{max} 4$	6.04×10^2	3.75×10^0
$R_{max} 5$	6.61×10^2	2.35×10^0
$t_0 1$	2.53×10^2	4.09×10^0
$t_0 2$	3.01×10^2	3.24×10^0
$t_0 3$	2.98×10^2	3.12×10^0
$t_0 4$	2.53×10^2	3.49×10^0

CH505



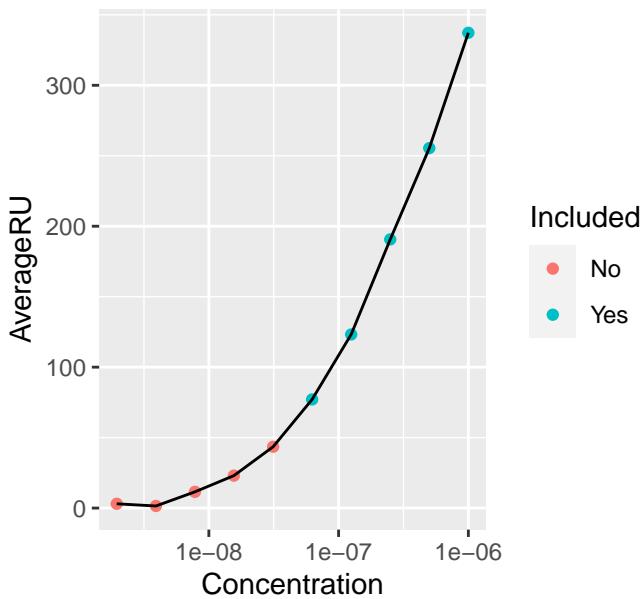
CH505

Bivalent Analyte Model–1 with Extended Length of



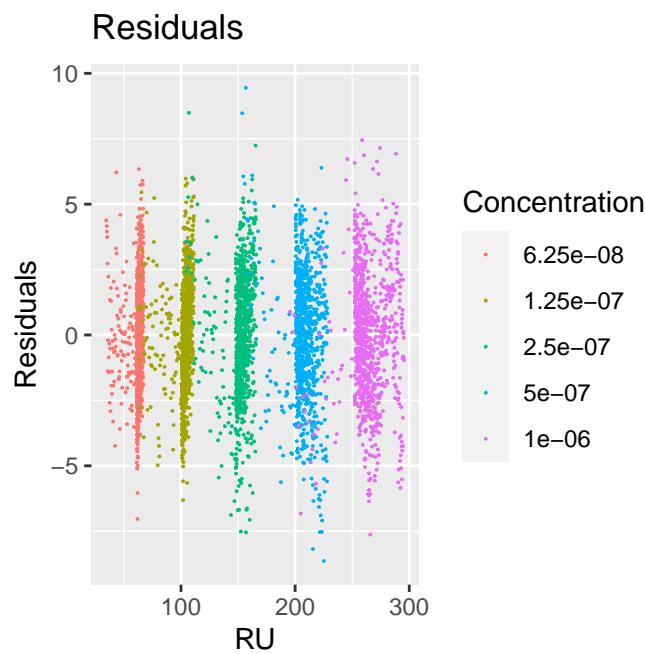
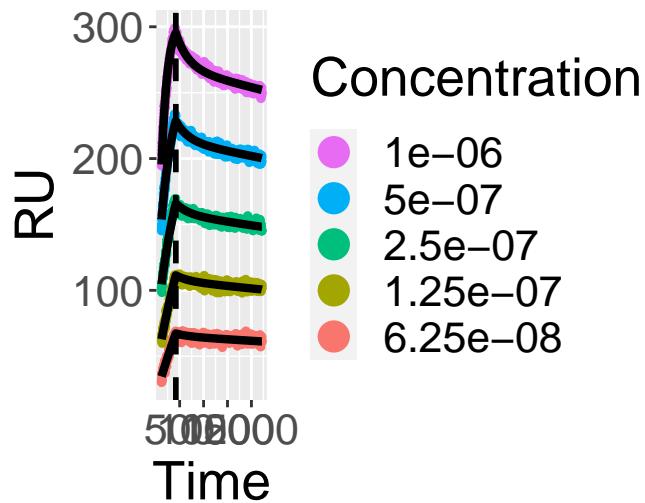
ka_1	2.23e+03	3.41e+01
ka_2	8.19e-05	1.77e-06
k_{d1}	2.52e-05	6.16e-05
k_{d2}	7.39e-06	4.84e-07
$R_{max} 1$	5.96e+02	8.83e+00
$R_{max} 2$	5.62e+02	6.30e+00
$R_{max} 3$	5.47e+02	4.11e+00
$R_{max} 4$	5.85e+02	2.62e+00
$R_{max} 5$	6.63e+02	1.62e+00
$t_0 1$	2.60e+02	4.55e+00
$t_0 2$	2.68e+02	2.98e+00
$t_0 3$	2.56e+02	2.66e+00
$t_0 4$	1.94e+02	2.55e+00

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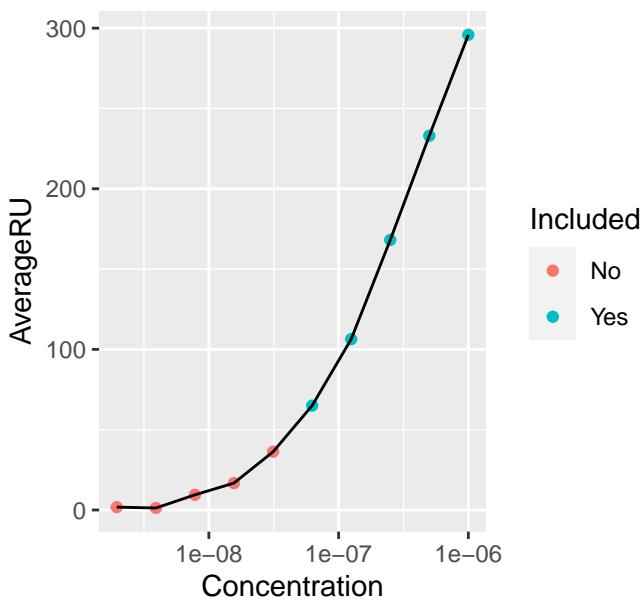
CH505

Bivalent Analyte Model–1 with Extended Length of



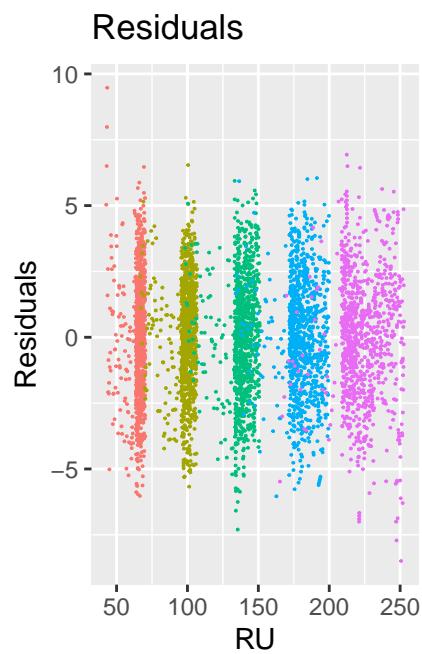
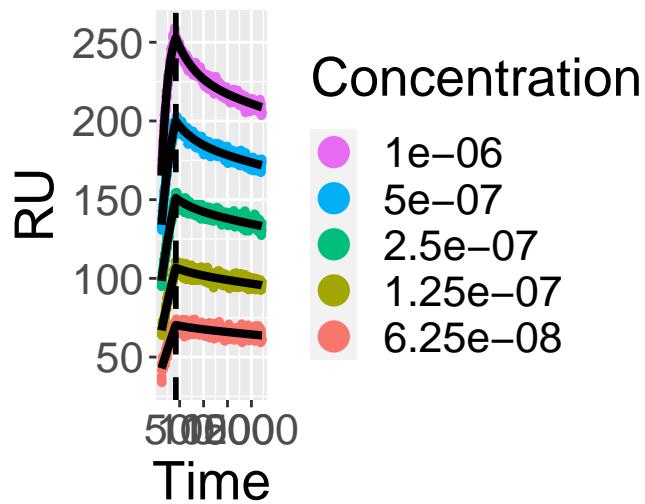
$ka1$	2.02e+03	3.68e+01
$ka2$	9.09e-05	2.42e-06
k_{d1}	8.88e-05	1.45e-09
$kd2$	1.79e-05	4.18e-07
$Rmax$ 1	5.76e+02	1.05e+01
$Rmax$ 2	5.34e+02	7.58e+00
$Rmax$ 3	5.08e+02	5.03e+00
$Rmax$ 4	5.38e+02	3.31e+00
$Rmax$ 5	6.10e+02	2.25e+00
$t0$ 1	2.71e+02	5.40e+00
$t0$ 2	2.86e+02	3.63e+00
$t0$ 3	2.83e+02	3.32e+00
$t0$ 4	2.21e+02	3.29e+00

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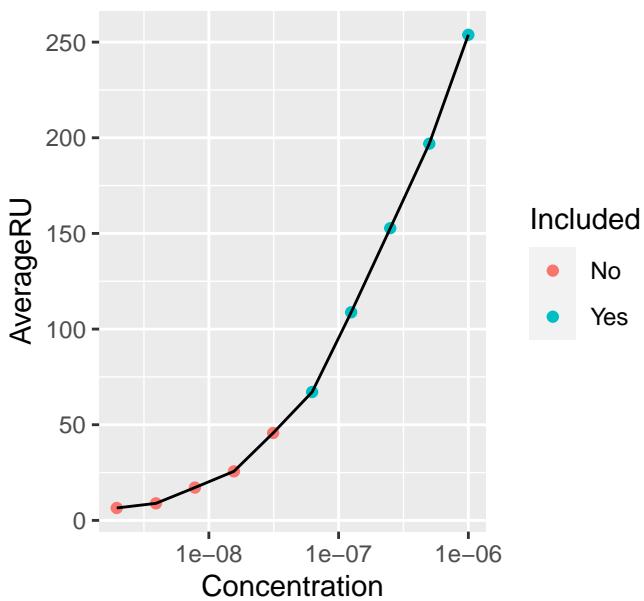
CH505

Bivalent Analyte Model–1 with Extended Length of



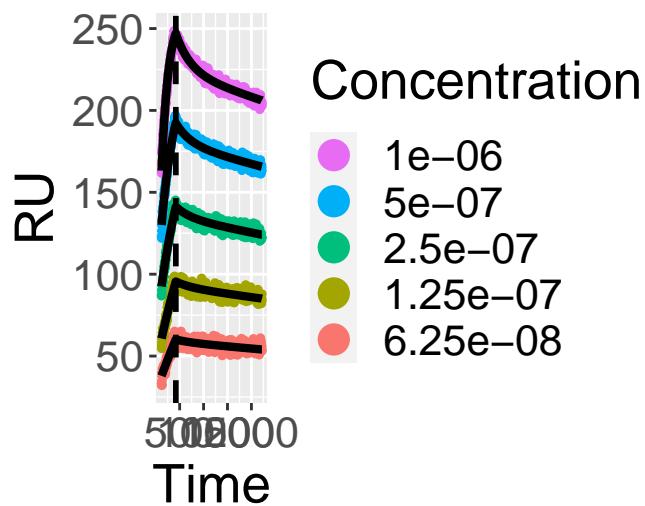
$ka1$	1.75e+03	3.99e+01
$ka2$	8.53e-05	2.61e-06
k_{d1}	2.46e-05	7.05e-05
$kd2$	2.26e-05	5.36e-07
$Rmax$ 1	5.62e+02	1.20e+01
$Rmax$ 2	5.03e+02	8.35e+00
$Rmax$ 3	4.73e+02	5.58e+00
$Rmax$ 4	4.79e+02	3.61e+00
$Rmax$ 5	5.21e+02	2.37e+00
$t0$ 1	3.95e+02	7.83e+00
$t0$ 2	3.71e+02	5.18e+00
$t0$ 3	3.22e+02	4.33e+00
$t0$ 4	2.39e+02	4.11e+00

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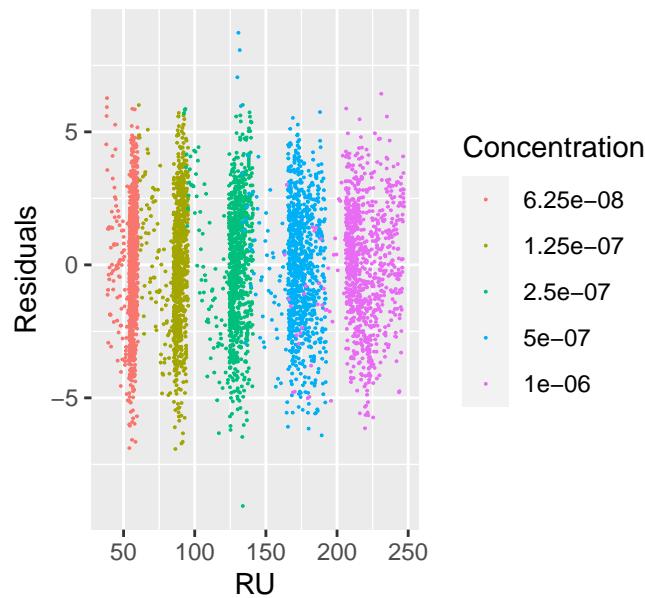


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Bivalent Analyte Model–1 with Extended Length of

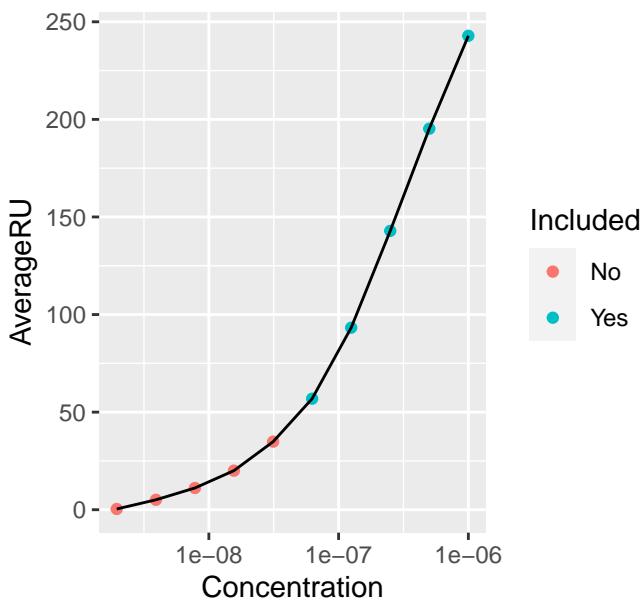


Residuals



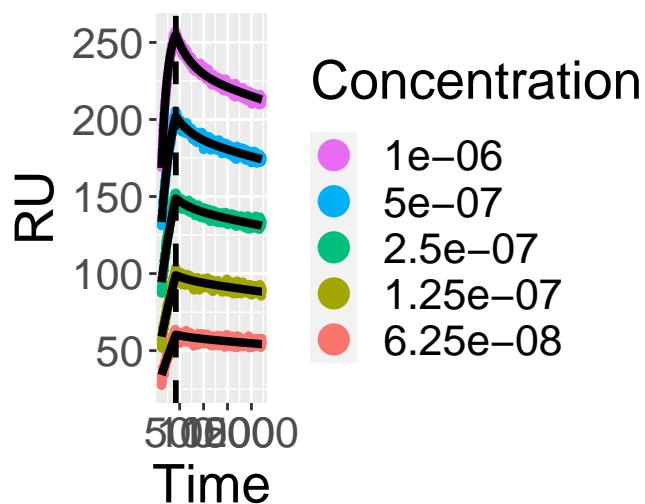
$ka1$	1.72×10^3	4.35×10^1
$ka2$	9.29×10^{-5}	3.22×10^{-6}
k_{d1}	8.59×10^{-5}	1.35×10^{-1}
$kd2$	2.34×10^{-5}	5.37×10^{-7}
$Rmax$ 1	4.78×10^2	1.18×10^1
$Rmax$ 2	4.58×10^2	8.77×10^0
$Rmax$ 3	4.51×10^2	6.21×10^0
$Rmax$ 4	4.69×10^2	4.18×10^0
$Rmax$ 5	5.18×10^2	2.83×10^0
t_0 1	4.31×10^2	1.05×10^1
t_0 2	3.85×10^2	6.17×10^0
t_0 3	3.29×10^2	4.87×10^0
t_0 4	2.47×10^2	4.64×10^0

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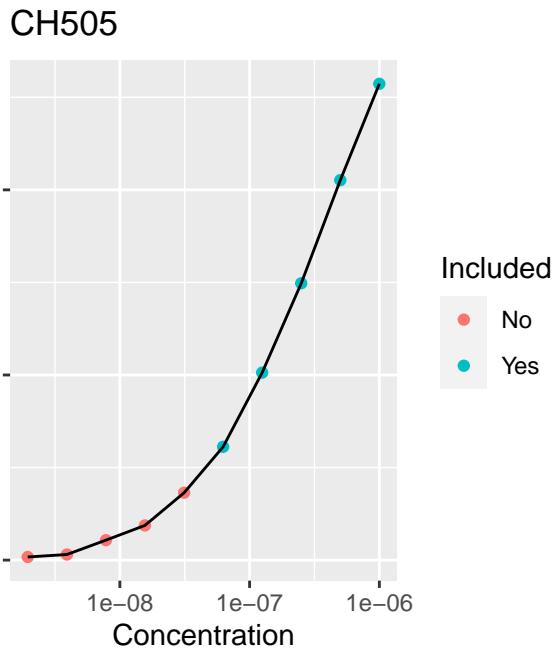
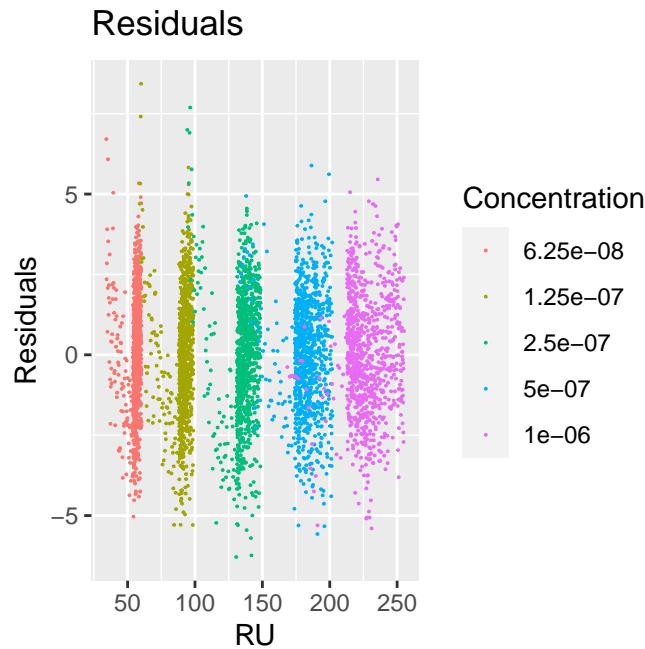


CH505

Bivalent Analyte Model–1 with Extended Length of

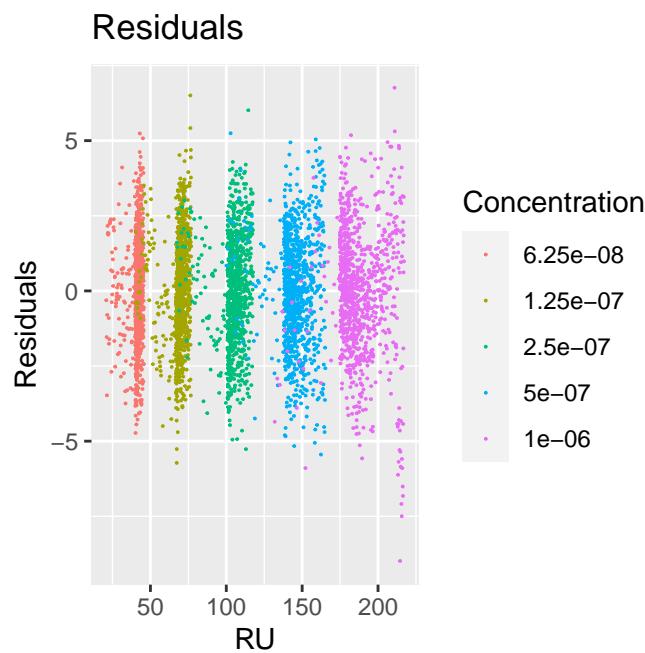
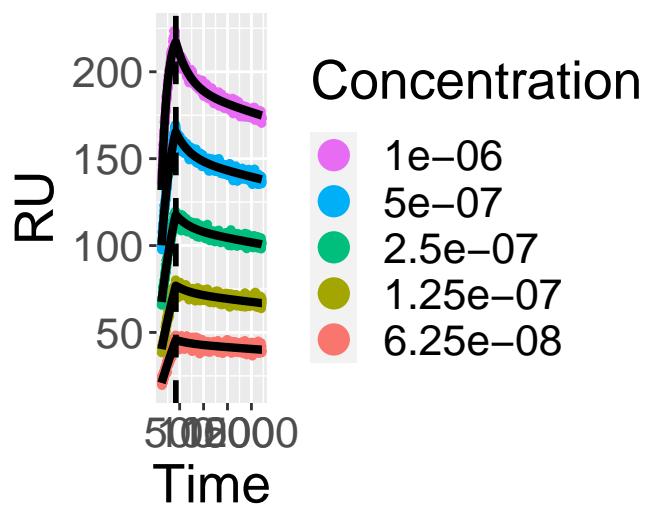


ka_1	1.98e+03	3.46e+01
ka_2	1.04e-04	2.60e-06
kd_1	2.99e-05	7.99e-05
kd_2	2.33e-05	4.30e-07
R_{max}	1	8.10e+00
R_{max}	2	5.87e+00
R_{max}	3	4.03e+00
R_{max}	4	2.64e+00
R_{max}	5	1.69e+00
t_0	1	3.32e+02
t_0	2	3.23e+02
t_0	3	2.88e+02
t_0	4	2.15e+02



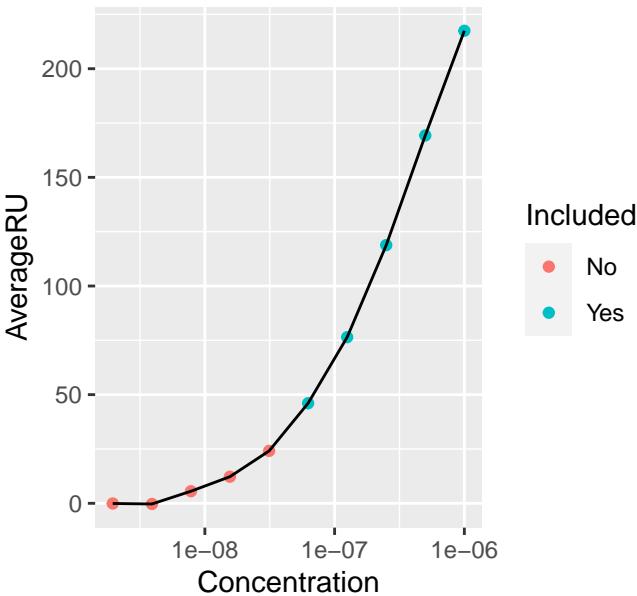
CH505

Bivalent Analyte Model–1 with Extended Length of



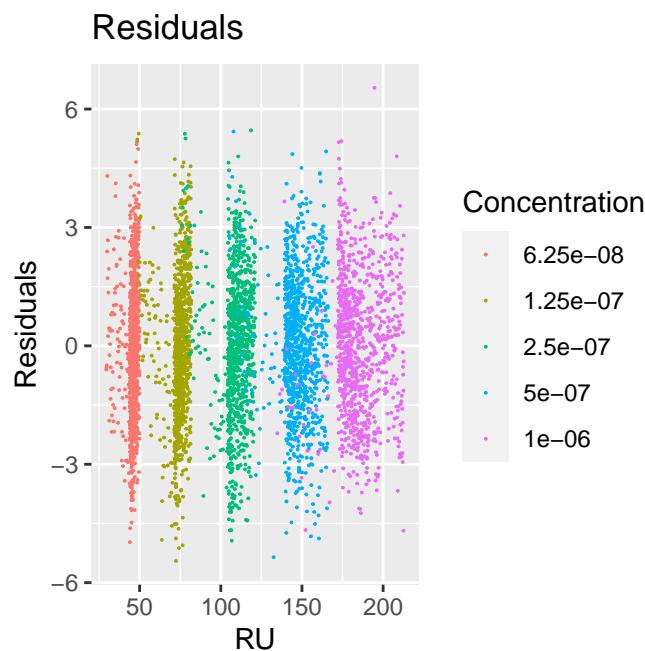
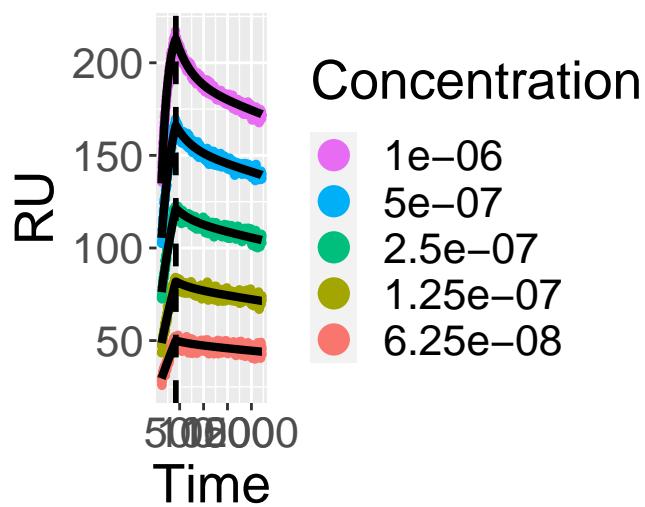
$ka1$	2.12×10^3	3.55×10^1
$ka2$	9.56×10^{-5}	2.25×10^{-6}
k_{d1}	6.48×10^{-5}	8.62×10^{-5}
$kd2$	2.43×10^{-5}	5.36×10^{-7}
$Rmax\ 1$	4.12×10^2	7.31×10^0
$Rmax\ 2$	3.79×10^2	5.20×10^0
$Rmax\ 3$	3.71×10^2	3.64×10^0
$Rmax\ 4$	3.94×10^2	2.49×10^0
$Rmax\ 5$	4.44×10^2	1.68×10^0
$t_0\ 1$	2.18×10^2	5.32×10^0
$t_0\ 2$	2.45×10^2	3.59×10^0
$t_0\ 3$	2.30×10^2	2.76×10^0
$t_0\ 4$	1.75×10^2	2.51×10^0

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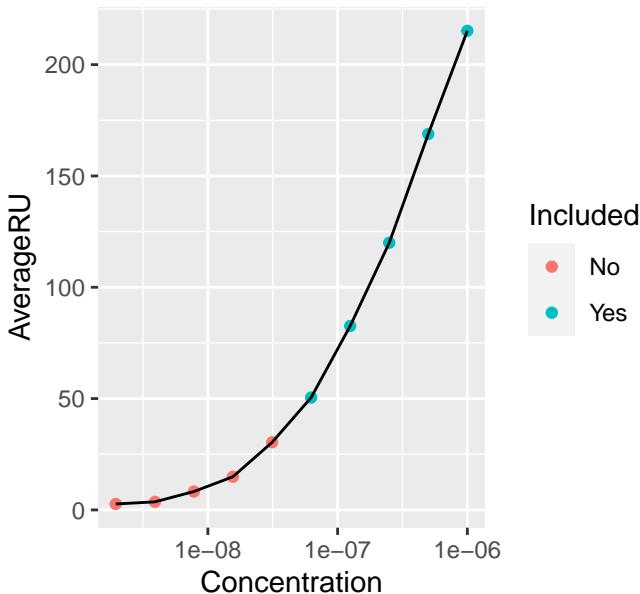
CH505

Bivalent Analyte Model–1 with Extended Length of



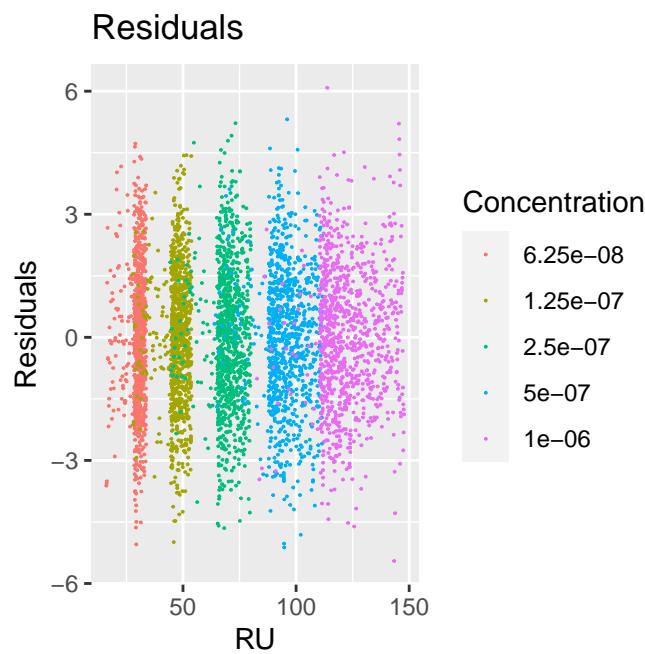
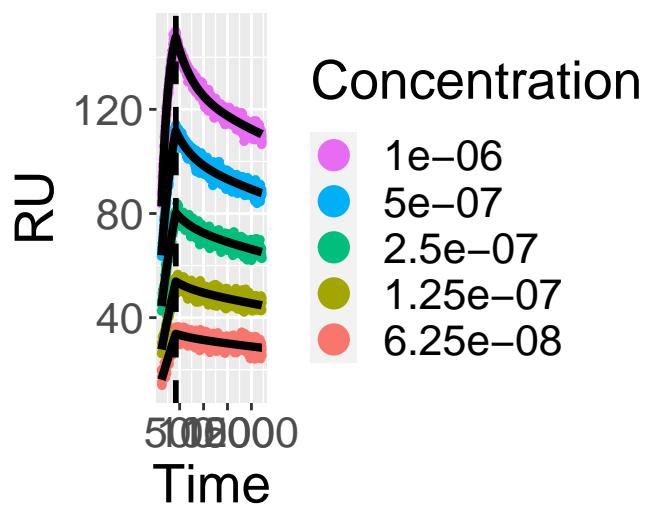
$ka1$	1.91e+03	3.62e+01
$ka2$	1.04e-04	2.75e-06
$kd1$	8.15e-05	8.18e-05
$kd2$	2.82e-05	4.94e-07
$Rmax$ 1	3.94e+02	7.54e+00
$Rmax$ 2	3.89e+02	5.67e+00
$Rmax$ 3	3.79e+02	3.91e+00
$Rmax$ 4	4.00e+02	2.71e+00
$Rmax$ 5	4.39e+02	1.77e+00
$t0$ 1	3.64e+02	7.84e+00
$t0$ 2	3.22e+02	4.39e+00
$t0$ 3	2.87e+02	3.49e+00
$t0$ 4	2.03e+02	3.06e+00

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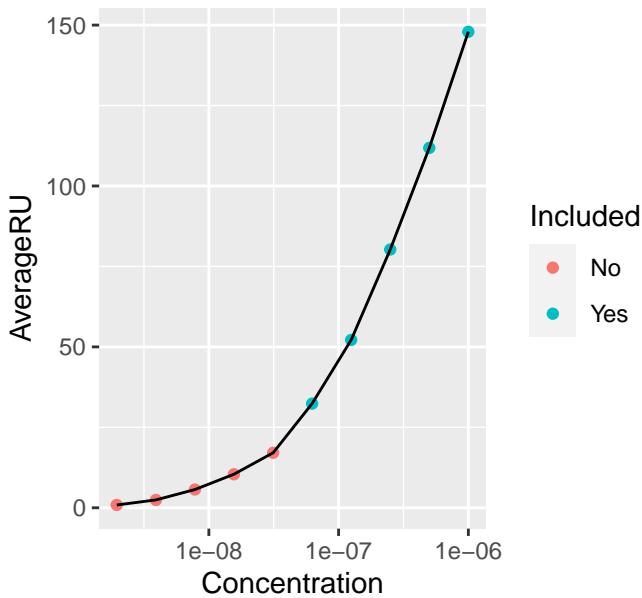
CH505

Bivalent Analyte Model–1 with Extended Length of



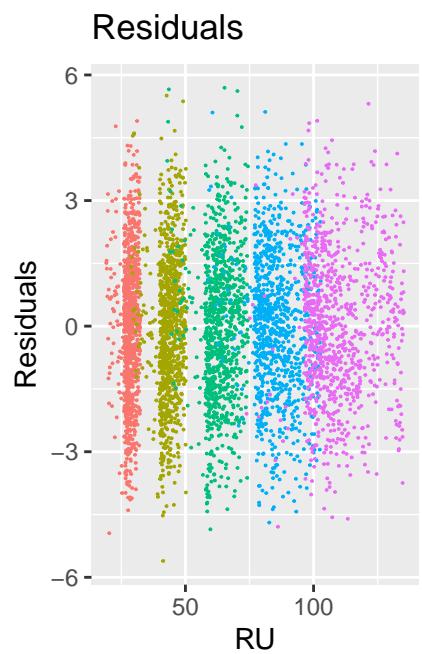
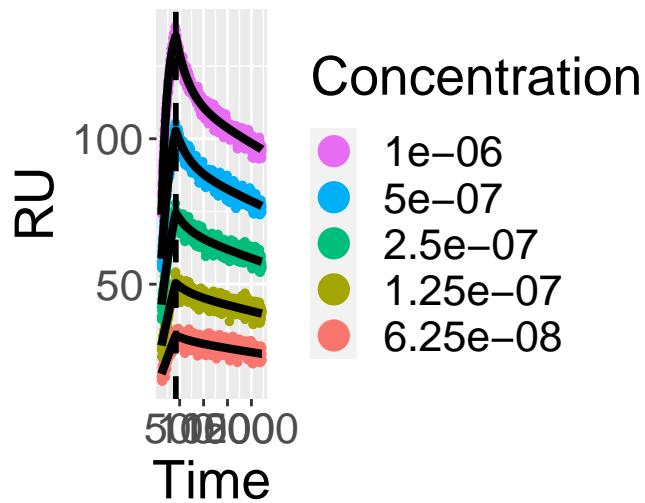
$ka1$	1.62×10^3	3.95×10^1
$ka2$	9.45×10^{-5}	2.97×10^{-6}
Kd	2.88×10^{-5}	7.88×10^{-5}
$kd2$	3.81×10^{-5}	7.80×10^{-7}
$Rmax$ 1	3.70×10^2	9.36×10^0
$Rmax$ 2	3.23×10^2	6.69×10^0
$Rmax$ 3	2.95×10^2	4.66×10^0
$Rmax$ 4	2.94×10^2	3.22×10^0
$Rmax$ 5	3.15×10^2	2.20×10^0
t_0 1	2.41×10^2	7.17×10^0
t_0 2	2.51×10^2	4.73×10^0
t_0 3	2.38×10^2	3.64×10^0
t_0 4	1.85×10^2	3.31×10^0

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Bivalent Analyte Model–1 with Extended Length of



ka_1	2.05×10^3	4.61×10^1
ka_2	1.11×10^{-4}	3.37×10^{-6}
k_d	6.89×10^{-5}	1.75×10^{-1}
kd_2	4.90×10^{-5}	7.62×10^{-7}
$R_{max} 1$	2.54×10^2	6.29×10^0
$R_{max} 2$	2.47×10^2	4.67×10^0
$R_{max} 3$	2.44×10^2	3.45×10^0
$R_{max} 4$	2.55×10^2	2.51×10^0
$R_{max} 5$	2.81×10^2	1.77×10^0
$t_0 1$	3.59×10^2	1.16×10^1
$t_0 2$	2.92×10^2	6.12×10^0
$t_0 3$	2.34×10^2	3.95×10^0
$t_0 4$	1.60×10^2	3.10×10^0

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