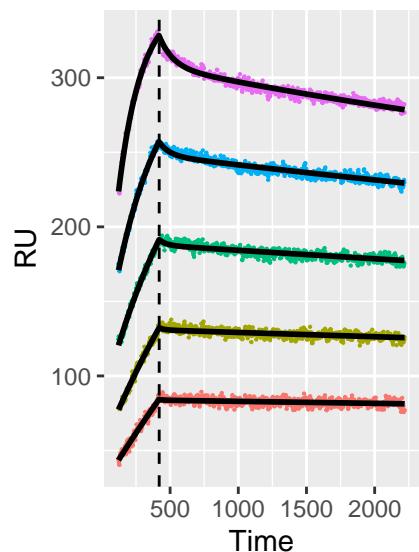
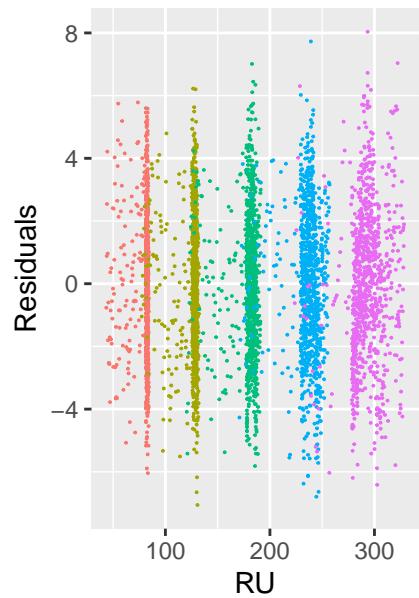


CH505

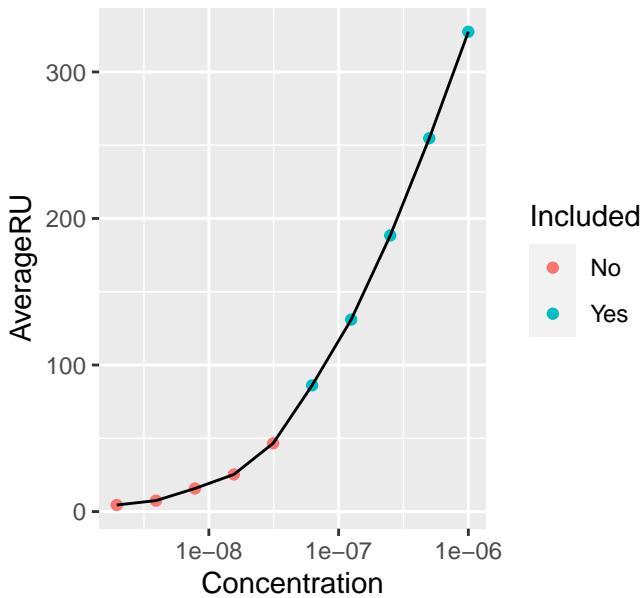
Bivalent Analyte Model–2 with Extended Length of Dissociation



Residuals

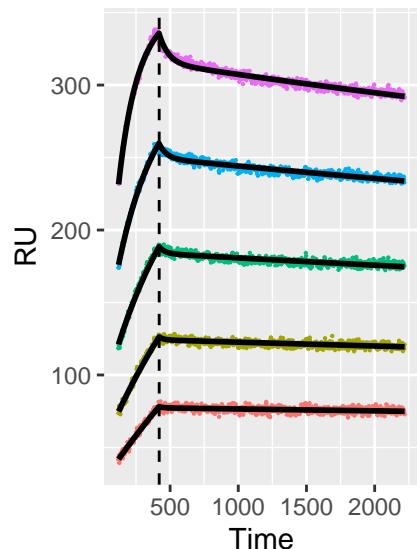
 $k_{a1} 1.55 \times 10^3$ 3.47e+01 $k_{a2} 4.08 \times 10^{-5}$ 1.57e-06 $k_{d1} 5.02 \times 10^{-3}$ 1.85e-04 $k_{d2} 5.96 \times 10^{-5}$ 1.07e-06 $R_{max} 1 9.43 \times 10^2$ 2.06e+01 $R_{max} 2 7.86 \times 10^2$ 1.47e+01 $R_{max} 3 7.08 \times 10^2$ 1.04e+01 $R_{max} 4 6.91 \times 10^2$ 7.17e+00 $R_{max} 5 7.27 \times 10^2$ 4.90e+00 $t_0 1 2.80 \times 10^2$ 4.37e+00 $t_0 2 3.25 \times 10^2$ 3.52e+00 $t_0 3 3.12 \times 10^2$ 3.45e+00 $t_0 4 2.53 \times 10^2$ 3.80e+00

CH505



CH505

Bivalent Analyte Model–2 with Extended Length of Dissociation

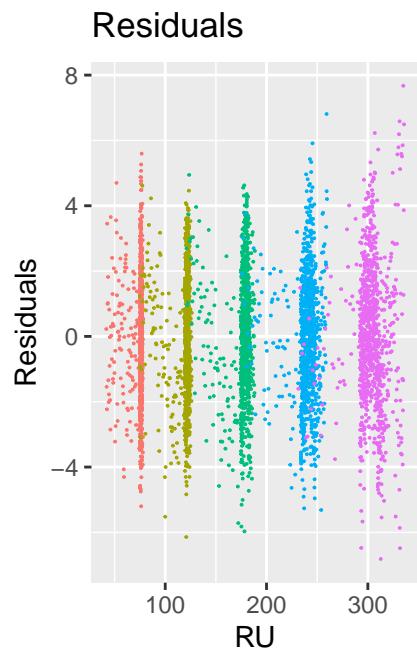


Concentration

- 6.25×10^{-8}
- 1.25×10^{-7}
- 2.5×10^{-7}
- 5×10^{-7}
- 1×10^{-6}

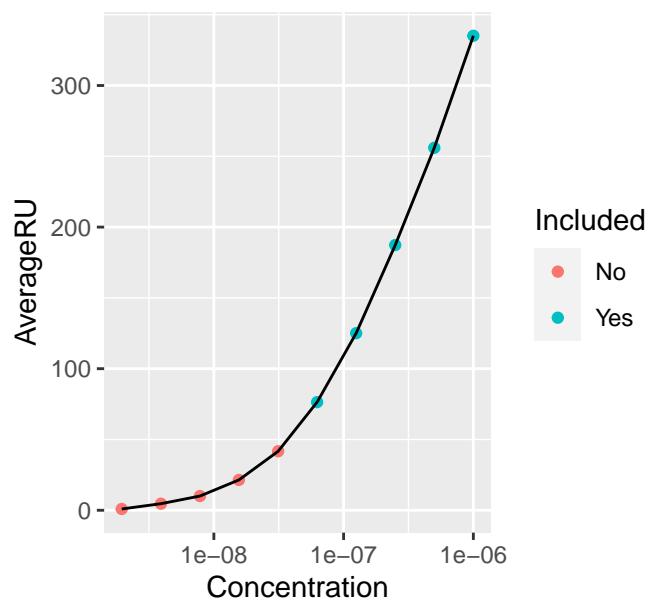
k_{a1}	2.00×10^3	3.47×10^1
k_{a2}	5.07×10^{-5}	1.48×10^{-6}
k_{d1}	8.98×10^{-3}	3.03×10^{-4}
k_{d2}	3.76×10^{-5}	5.66×10^{-7}
$R_{max} 1$	7.47×10^2	1.21×10^1
$R_{max} 2$	6.75×10^2	9.20×10^0
$R_{max} 3$	6.50×10^2	6.83×10^0
$R_{max} 4$	6.77×10^2	4.97×10^0
$R_{max} 5$	7.43×10^2	3.60×10^0
$t_0 1$	2.91×10^2	4.21×10^0
$t_0 2$	3.15×10^2	3.20×10^0
$t_0 3$	2.98×10^2	3.03×10^0
$t_0 4$	2.31×10^2	3.03×10^0

CH505



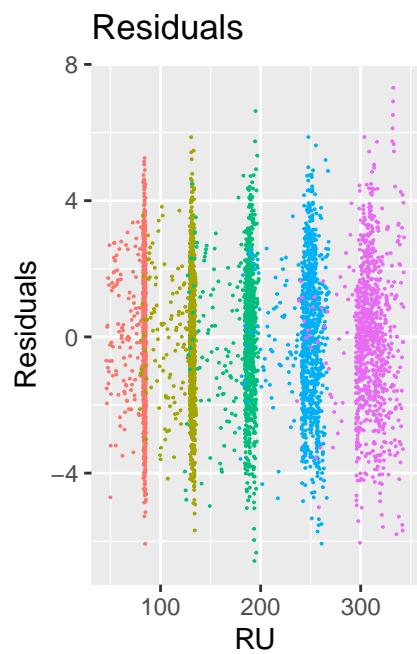
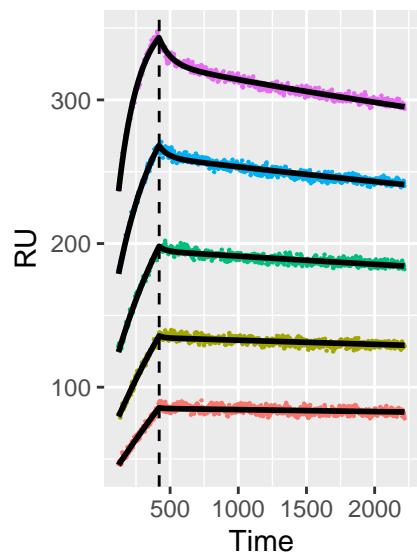
Concentration

- 6.25×10^{-8}
- 1.25×10^{-7}
- 2.5×10^{-7}
- 5×10^{-7}
- 1×10^{-6}



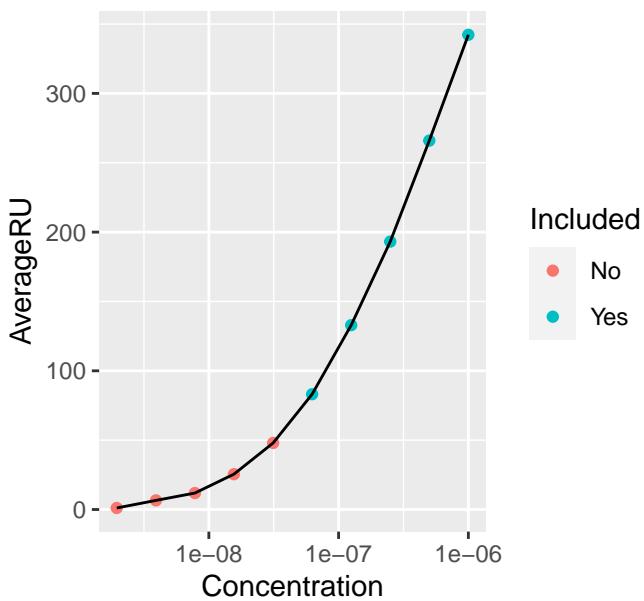
CH505

Bivalent Analyte Model–2 with Extended Length of Dissociation



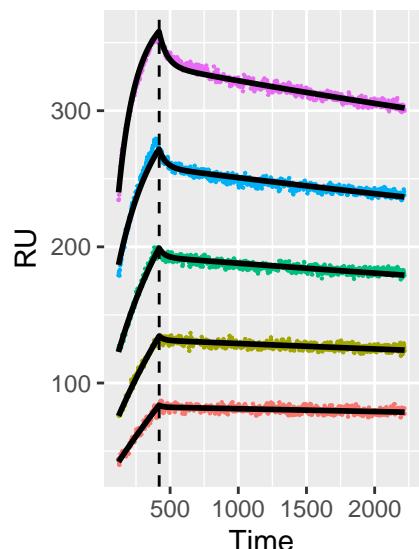
ka_1	1.74e+03	3.17e+01
ka_2	5.12e-05	1.77e-06
kd_1	5.98e-03	2.11e-04
kd_2	5.63e-05	9.69e-07
R_{max} 1	8.49e+02	1.51e+01
R_{max} 2	7.45e+02	1.11e+01
R_{max} 3	6.93e+02	8.00e+00
R_{max} 4	6.96e+02	5.54e+00
R_{max} 5	7.49e+02	3.77e+00
t_0 1	2.97e+02	4.11e+00
t_0 2	3.18e+02	3.06e+00
t_0 3	2.98e+02	2.93e+00
t_0 4	2.39e+02	3.15e+00

CH505



CH505

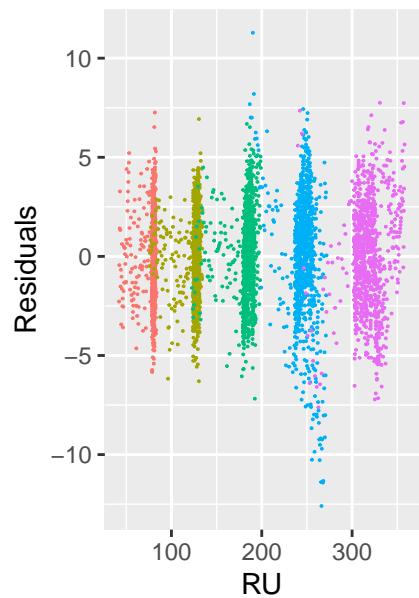
Bivalent Analyte Model–2 with Extended Length of Dissociation



Concentration

- 6.25e-08
- 1.25e-07
- 2.5e-07
- 5e-07
- 1e-06

Residuals

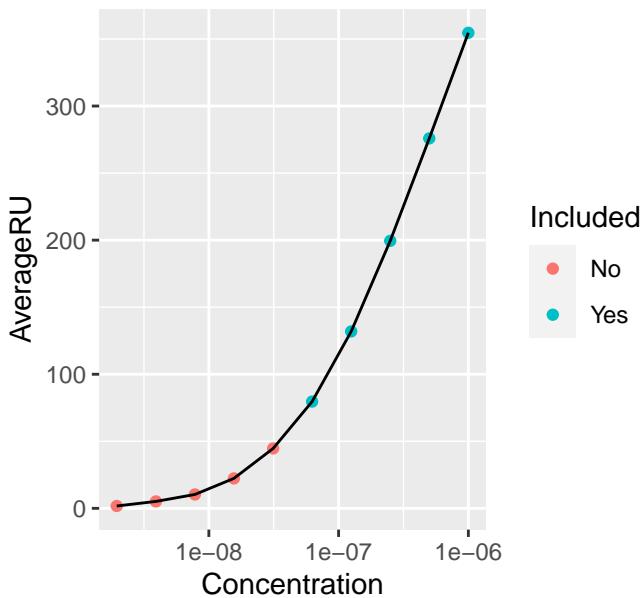


Concentration

- 6.25e-08
- 1.25e-07
- 2.5e-07
- 5e-07
- 1e-06

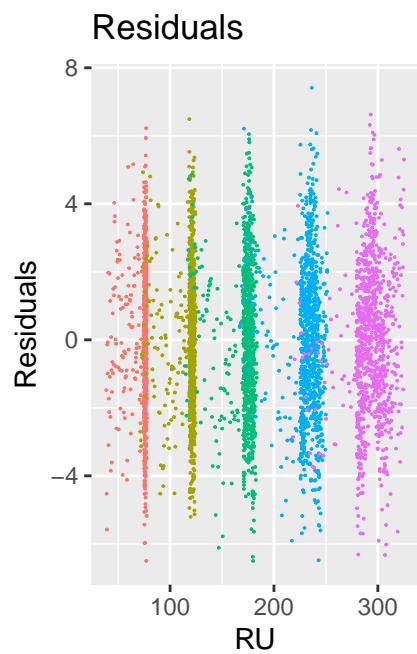
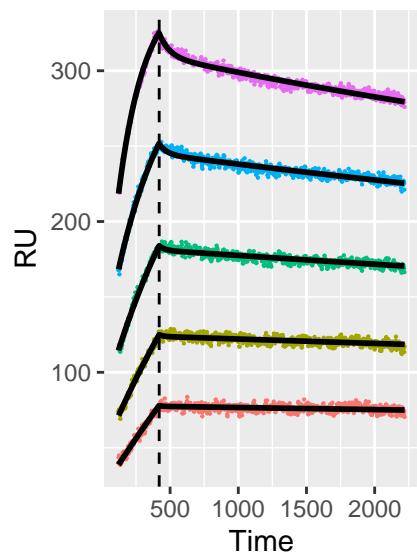
ka_1	2.32e+03	4.56e+01
ka_2	4.34e-05	1.31e-06
kd_1	1.13e-02	3.98e-04
kd_2	4.42e-05	6.35e-07
R_{max} 1	7.99e+02	1.40e+01
R_{max} 2	7.24e+02	1.07e+01
R_{max} 3	6.96e+02	7.96e+00
R_{max} 4	7.09e+02	5.58e+00
R_{max} 5	8.00e+02	4.32e+00
t_0 1	2.50e+02	4.41e+00
t_0 2	2.73e+02	3.41e+00
t_0 3	2.58e+02	3.18e+00
t_0 4	2.22e+02	3.38e+00

CH505

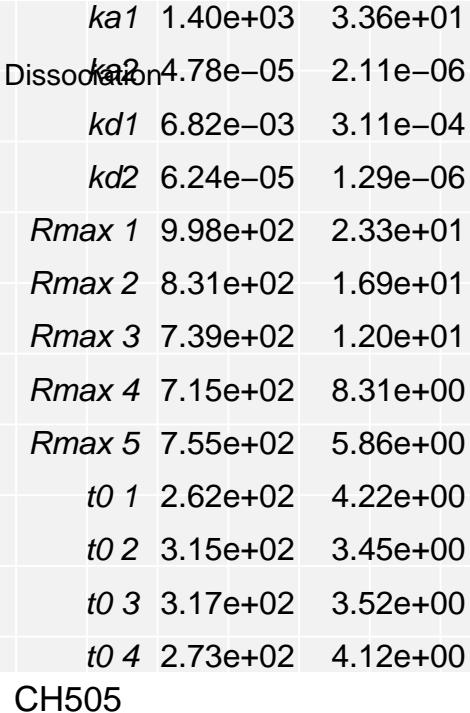


CH505

Bivalent Analyte Model–2 with Extended Length of Dissociation

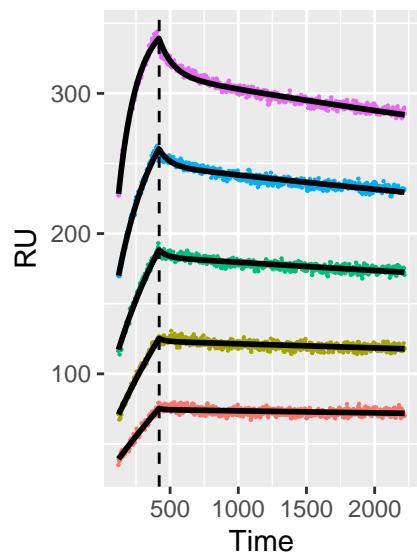


ka_1	1.40e+03	3.36e+01
ka_2	4.78e-05	2.11e-06
kd_1	6.82e-03	3.11e-04
kd_2	6.24e-05	1.29e-06
R_{max} 1	9.98e+02	2.33e+01
R_{max} 2	8.31e+02	1.69e+01
R_{max} 3	7.39e+02	1.20e+01
R_{max} 4	7.15e+02	8.31e+00
R_{max} 5	7.55e+02	5.86e+00
t_0 1	2.62e+02	4.22e+00
t_0 2	3.15e+02	3.45e+00
t_0 3	3.17e+02	3.52e+00
t_0 4	2.73e+02	4.12e+00



CH505

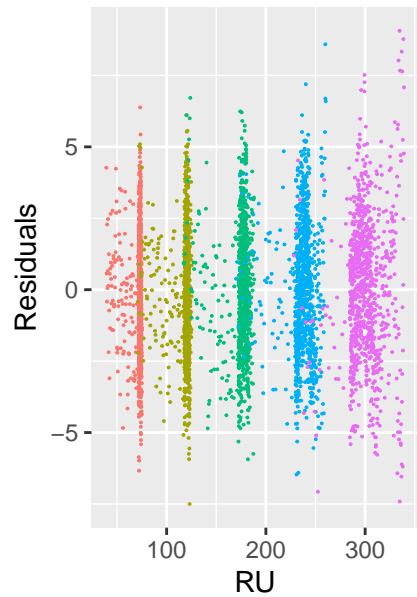
Bivalent Analyte Model–2 with Extended Length of Dissociation



Concentration

- 6.25×10^{-8}
- 1.25×10^{-7}
- 2.5×10^{-7}
- 5×10^{-7}
- 1×10^{-6}

Residuals

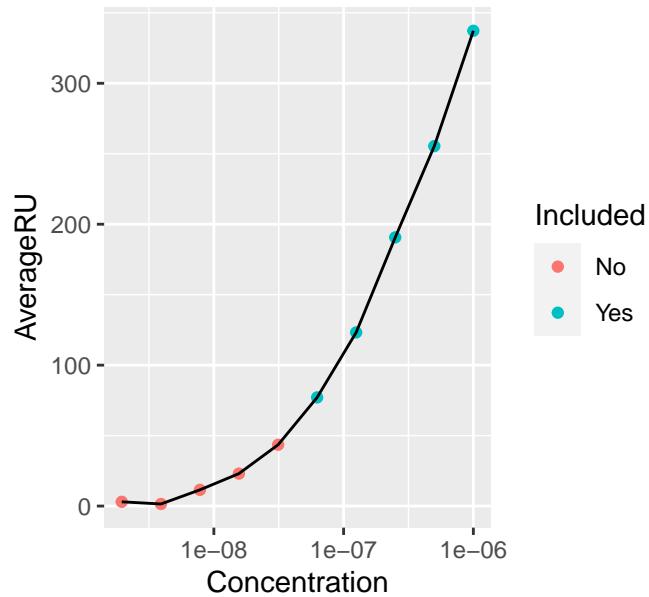


Concentration

- 6.25×10^{-8}
- 1.25×10^{-7}
- 2.5×10^{-7}
- 5×10^{-7}
- 1×10^{-6}

ka_1	1.93×10^3	3.31×10^1
ka_2	4.08×10^{-5}	1.21×10^{-6}
kd_1	5.51×10^{-3}	1.65×10^{-4}
kd_2	5.24×10^{-5}	7.77×10^{-7}
$R_{max} 1$	7.29×10^2	1.28×10^1
$R_{max} 2$	6.79×10^2	9.96×10^0
$R_{max} 3$	6.44×10^2	7.24×10^0
$R_{max} 4$	6.66×10^2	5.21×10^0
$R_{max} 5$	7.28×10^2	3.66×10^0
$t_0 1$	2.76×10^2	4.69×10^0
$t_0 2$	2.87×10^2	3.13×10^0
$t_0 3$	2.79×10^2	2.86×10^0
$t_0 4$	2.15×10^2	2.84×10^0

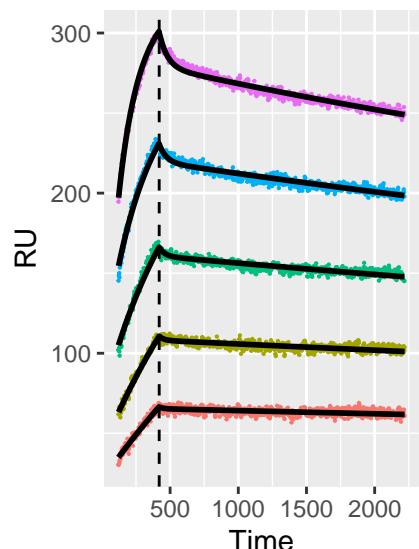
CH505



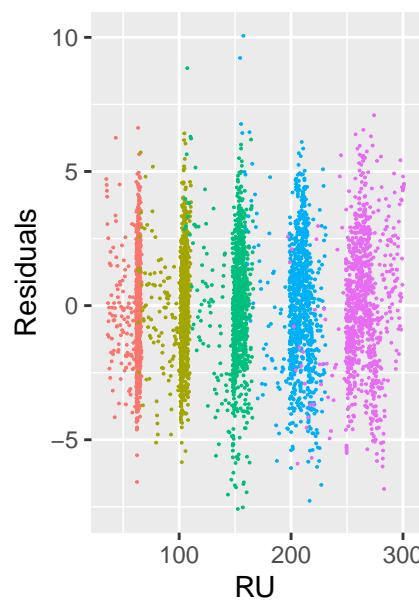
- No
- Yes

CH505

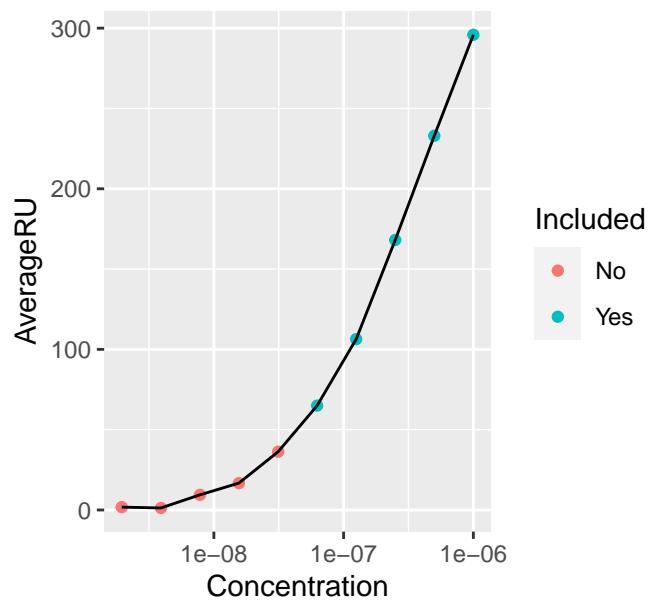
Bivalent Analyte Model–2 with Extended Length of Dissociation

 ka_1 1.99e+03 4.42e+01 ka_2 4.42e-05 1.51e-06 kd_1 1.06e-02 3.96e-04 kd_2 5.35e-05 8.07e-07 R_{max} 1 7.03e+02 1.47e+01 R_{max} 2 6.56e+02 1.16e+01 R_{max} 3 6.19e+02 8.63e+00 R_{max} 4 6.36e+02 6.36e+00 R_{max} 5 6.94e+02 4.84e+00 t_0 1 2.77e+02 5.50e+00 t_0 2 2.90e+02 3.89e+00 t_0 3 2.88e+02 3.70e+00 t_0 4 2.29e+02 3.69e+00

Residuals

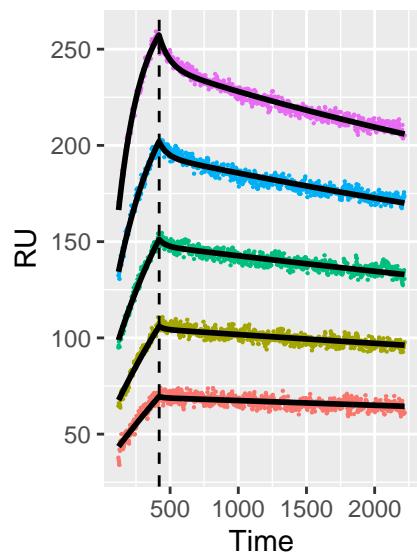


CH505



CH505

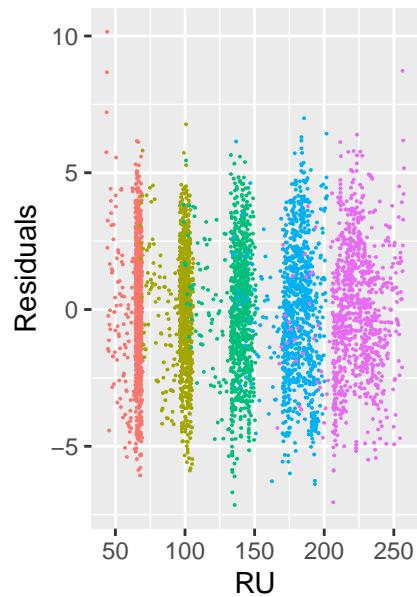
Bivalent Analyte Model–2 with Extended Length of Dissociation



Concentration

- 6.25e-08
- 1.25e-07
- 2.5e-07
- 5e-07
- 1e-06

Residuals

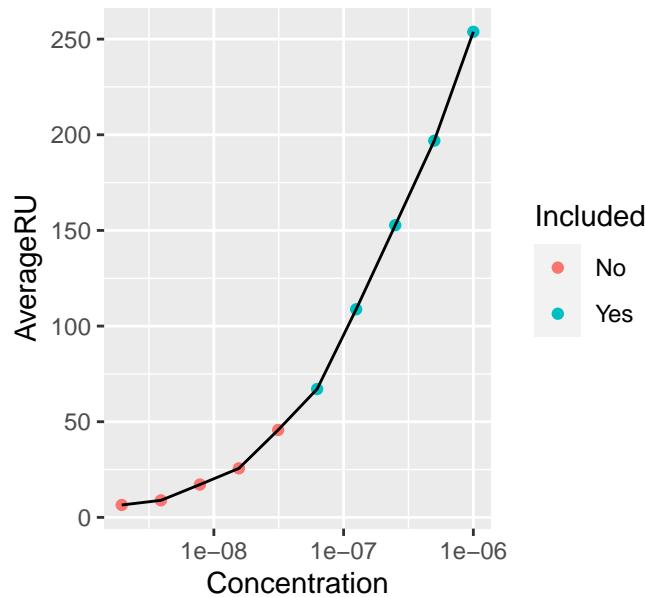


Concentration

- 6.25e-08
- 1.25e-07
- 2.5e-07
- 5e-07
- 1e-06

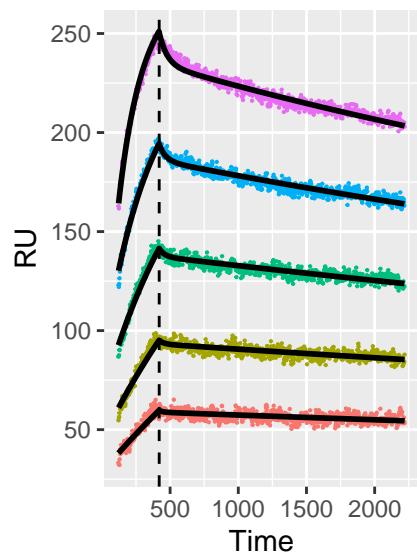
 ka_1 1.58e+03 4.42e+01 ka_2 5.02e-05 2.45e-06 kd_1 7.18e-03 3.19e-04 kd_2 8.99e-05 1.85e-06 R_{max} 1 6.79e+02 1.85e+01 R_{max} 2 6.13e+02 1.42e+01 R_{max} 3 5.74e+02 1.06e+01 R_{max} 4 5.68e+02 7.69e+00 R_{max} 5 5.96e+02 5.62e+00 t_0 1 4.22e+02 8.31e+00 t_0 2 3.91e+02 5.59e+00 t_0 3 3.37e+02 4.83e+00 t_0 4 2.52e+02 4.73e+00

CH505



CH505

Bivalent Analyte Model–2 with Extended Length of Dissociation

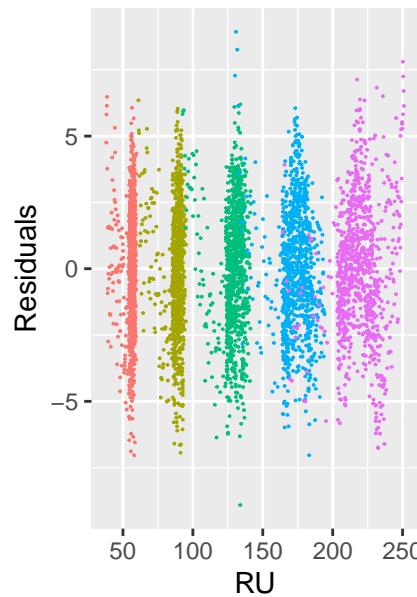


Concentration

- 6.25e-08
- 1.25e-07
- 2.5e-07
- 5e-07
- 1e-06

 $ka1$ 1.72e+03 5.47e+01 $ka2$ 5.20e-05 2.61e-06 $kd1$ 1.07e-02 5.45e-04 $kd2$ 7.08e-05 1.46e-06 $Rmax$ 1 5.87e+02 1.76e+01 $Rmax$ 2 5.64e+02 1.44e+01 $Rmax$ 3 5.52e+02 1.13e+01 $Rmax$ 4 5.61e+02 8.47e+00 $Rmax$ 5 5.98e+02 6.39e+00 $t0$ 1 4.38e+02 1.06e+01 $t0$ 2 3.90e+02 6.65e+00 $t0$ 3 3.31e+02 5.50e+00 $t0$ 4 2.50e+02 5.33e+00

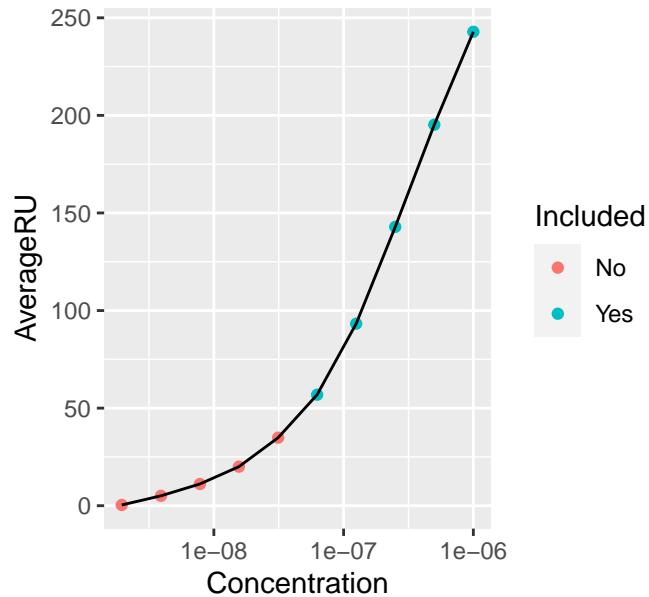
Residuals



Concentration

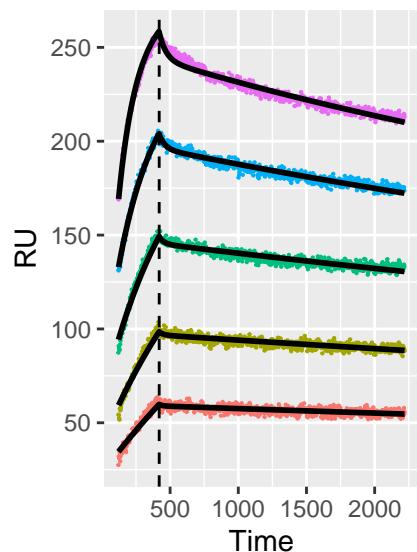
- 6.25e-08
- 1.25e-07
- 2.5e-07
- 5e-07
- 1e-06

CH505

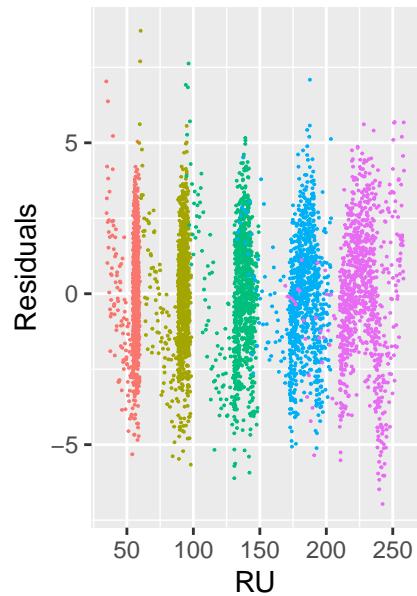


CH505

Bivalent Analyte Model–2 with Extended Length of Dissociation



Residuals

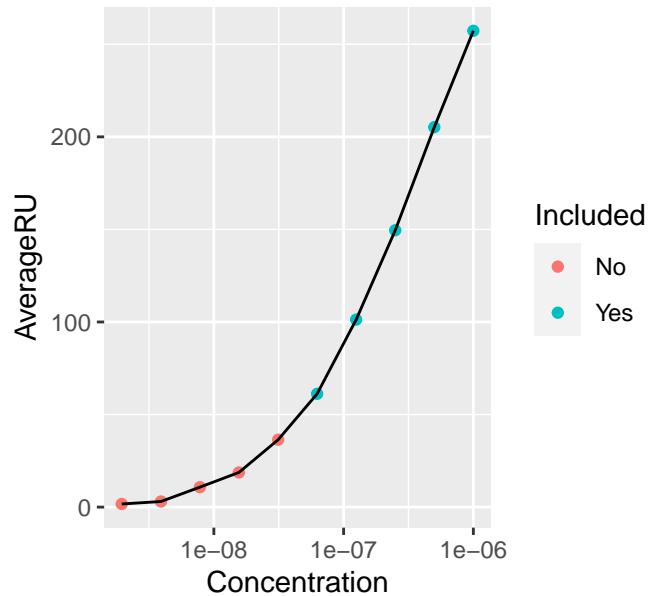


Concentration

- 6.25e-08
- 1.25e-07
- 2.5e-07
- 5e-07
- 1e-06

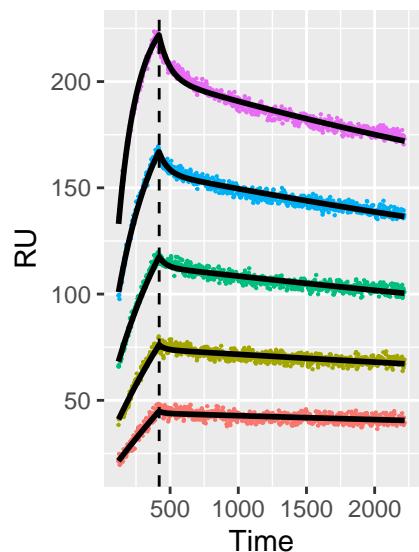
ka_1	2.15e+03	4.80e+01
ka_2	6.97e-05	2.74e-06
kd_1	1.25e-02	5.13e-04
kd_2	7.21e-05	1.24e-06
R_{max} 1	5.44e+02	1.11e+01
R_{max} 2	5.28e+02	8.98e+00
R_{max} 3	5.28e+02	6.94e+00
R_{max} 4	5.48e+02	5.15e+00
R_{max} 5	5.88e+02	3.73e+00
t_0 1	3.36e+02	6.60e+00
t_0 2	3.20e+02	4.36e+00
t_0 3	2.80e+02	3.73e+00
t_0 4	2.07e+02	3.47e+00

CH505



CH505

Bivalent Analyte Model–2 with Extended Length of Dissociation

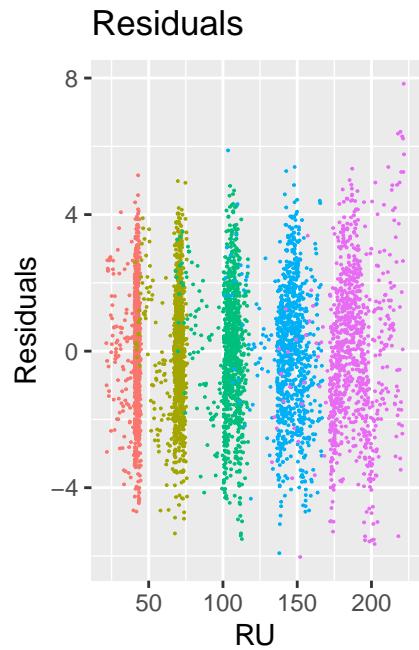


Concentration

- 6.25e-08
- 1.25e-07
- 2.5e-07
- 5e-07
- 1e-06

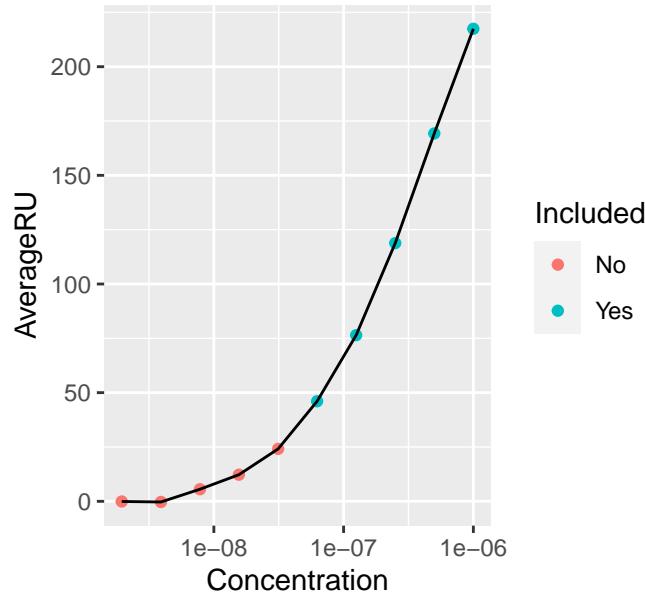
$ka1$	1.97e+03	3.97e+01
$ka2$	4.94e-05	1.63e-06
$kd1$	7.83e-03	2.66e-04
$kd2$	8.06e-05	1.18e-06
$Rmax$ 1	5.04e+02	1.08e+01
$Rmax$ 2	4.66e+02	8.46e+00
$Rmax$ 3	4.51e+02	6.54e+00
$Rmax$ 4	4.65e+02	4.95e+00
$Rmax$ 5	5.04e+02	3.71e+00
$t0$ 1	2.30e+02	5.74e+00
$t0$ 2	2.55e+02	3.94e+00
$t0$ 3	2.39e+02	3.09e+00
$t0$ 4	1.82e+02	2.81e+00

CH505



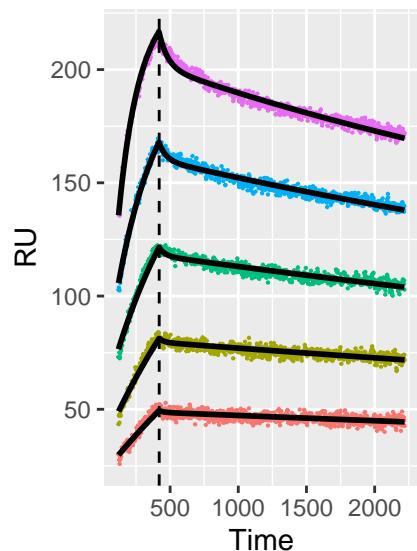
Concentration

- 6.25e-08
- 1.25e-07
- 2.5e-07
- 5e-07
- 1e-06



CH505

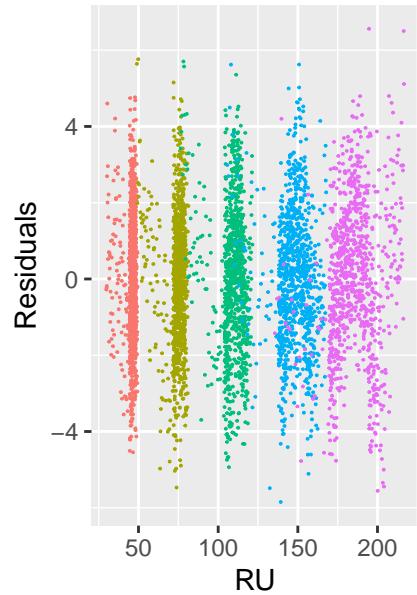
Bivalent Analyte Model–2 with Extended Length of Dissociation



Concentration

- $6.25e-08$
- $1.25e-07$
- $2.5e-07$
- $5e-07$
- $1e-06$

Residuals

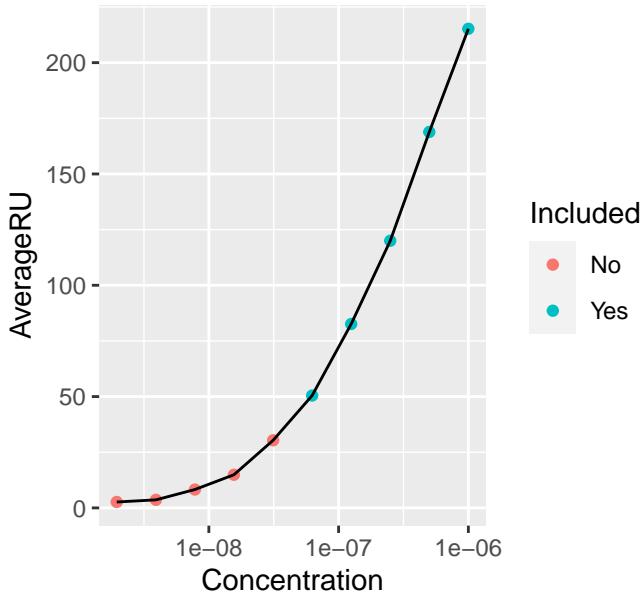


Concentration

- $6.25e-08$
- $1.25e-07$
- $2.5e-07$
- $5e-07$
- $1e-06$

$ka1$	$1.87e+03$	$4.34e+01$
$ka2$	$6.17e-05$	$2.45e-06$
$kd1$	$9.53e-03$	$3.76e-04$
$kd2$	$8.85e-05$	$1.51e-06$
$Rmax$ 1	$4.78e+02$	$1.10e+01$
$Rmax$ 2	$4.71e+02$	$9.11e+00$
$Rmax$ 3	$4.57e+02$	$7.00e+00$
$Rmax$ 4	$4.72e+02$	$5.36e+00$
$Rmax$ 5	$5.02e+02$	$3.93e+00$
$t0$ 1	$3.74e+02$	$8.10e+00$
$t0$ 2	$3.29e+02$	$4.75e+00$
$t0$ 3	$2.91e+02$	$3.90e+00$
$t0$ 4	$2.06e+02$	$3.45e+00$

CH505

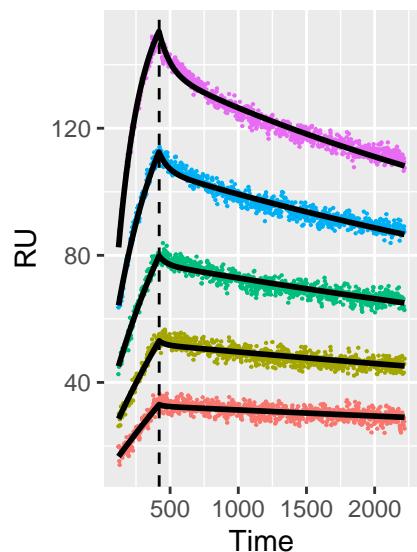


Included

- No
- Yes

CH505

Bivalent Analyte Model–2 with Extended Length of Dissociation

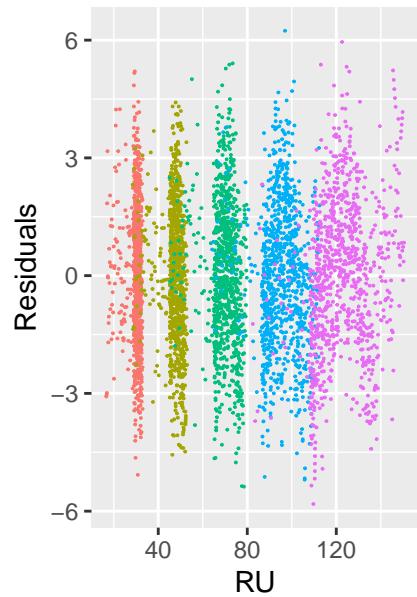


Concentration

- 6.25e-08
- 1.25e-07
- 2.5e-07
- 5e-07
- 1e-06

ka_1	1.52e+03	4.57e+01
ka_2	6.18e-05	3.23e-06
kd_1	6.30e-03	2.97e-04
kd_2	1.45e-04	3.16e-06
R_{max} 1	4.24e+02	1.36e+01
R_{max} 2	3.77e+02	1.06e+01
R_{max} 3	3.48e+02	8.13e+00
R_{max} 4	3.44e+02	6.16e+00
R_{max} 5	3.60e+02	4.60e+00
t_0 1	2.61e+02	7.97e+00
t_0 2	2.67e+02	5.27e+00
t_0 3	2.46e+02	4.02e+00
t_0 4	1.87e+02	3.63e+00

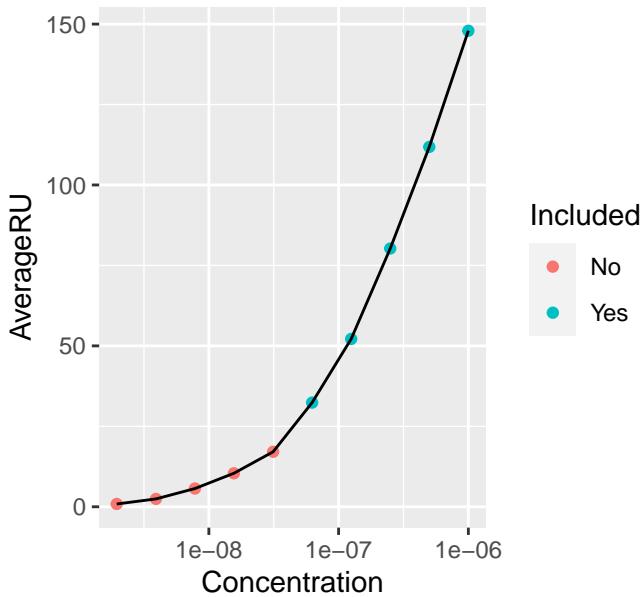
Residuals



Concentration

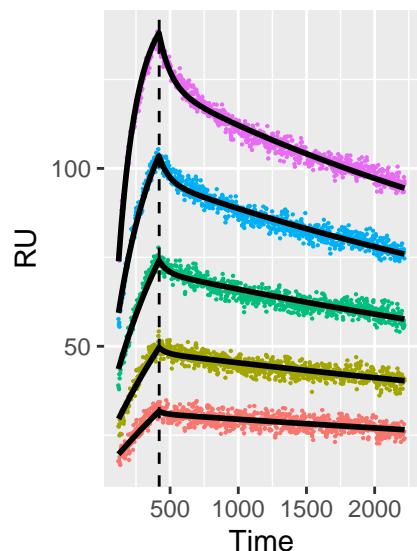
- 6.25e-08
- 1.25e-07
- 2.5e-07
- 5e-07
- 1e-06

CH505

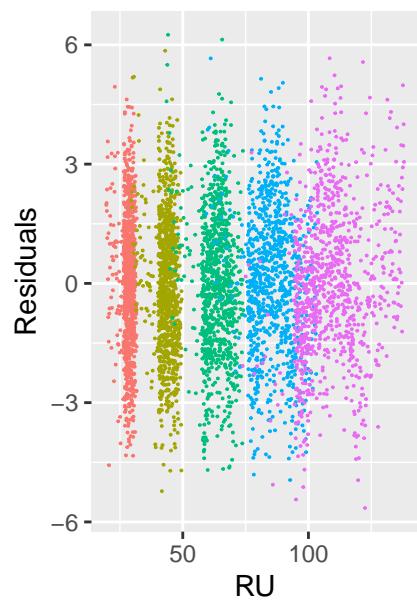


CH505

Bivalent Analyte Model–2 with Extended Length of Dissociation

 ka_1 1.93e+03 5.03e+01 ka_2 6.71e-05 3.03e-06 kd_1 6.70e-03 2.85e-04 kd_2 1.48e-04 2.92e-06 R_{max} 1 2.97e+02 8.70e+00 R_{max} 2 2.90e+02 7.15e+00 R_{max} 3 2.86e+02 5.75e+00 R_{max} 4 2.94e+02 4.50e+00 R_{max} 5 3.14e+02 3.46e+00 t_0 1 3.87e+02 1.21e+01 t_0 2 3.11e+02 6.50e+00 t_0 3 2.43e+02 4.23e+00 t_0 4 1.65e+02 3.31e+00

Residuals



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