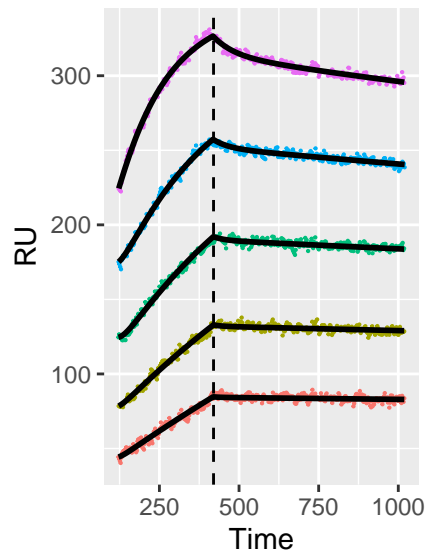
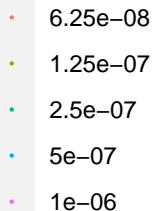


## CH505

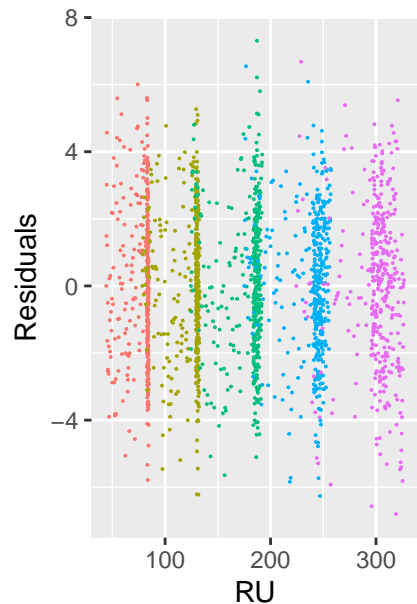
Bivalent Analyte Model-2 with Nominal Length of Dissociation



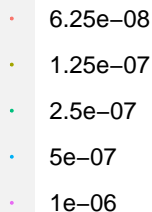
Concentration



## Residuals

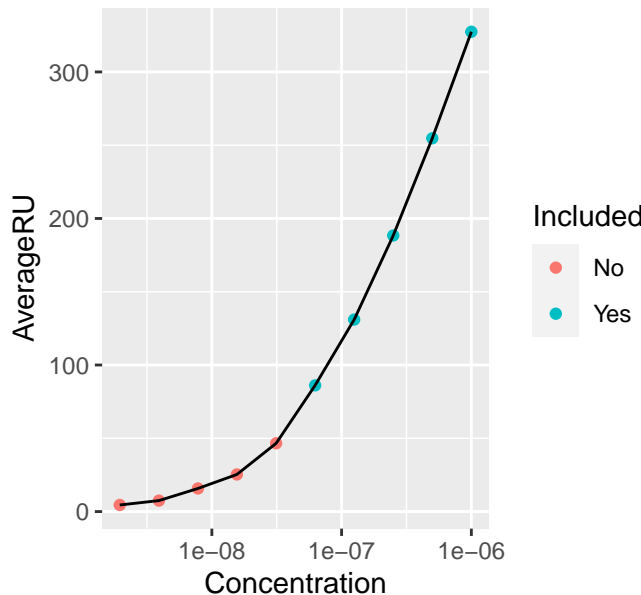


Concentration



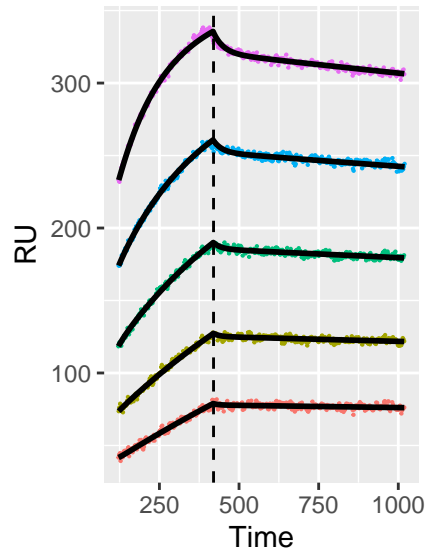
<i>ka1</i>	1.77e+03	6.45e+01
<i>ka2</i>	7.40e-05	5.17e-06
<i>kd1</i>	8.01e-03	6.66e-04
<i>kd2</i>	1.04e-04	4.99e-06
<i>Rmax 1</i>	8.28e+02	3.08e+01
<i>Rmax 2</i>	6.73e+02	2.21e+01
<i>Rmax 3</i>	6.03e+02	1.42e+01
<i>Rmax 4</i>	5.65e+02	7.05e+00
<i>Rmax 5</i>	5.57e+02	8.16e+00
<i>p 1</i>	2.97e-01	7.57e-02
<i>p 2</i>	2.38e-01	3.72e-02
<i>p 3</i>	3.85e-01	3.27e-02
<i>p 4</i>	3.57e-01	3.73e-02

## CH505



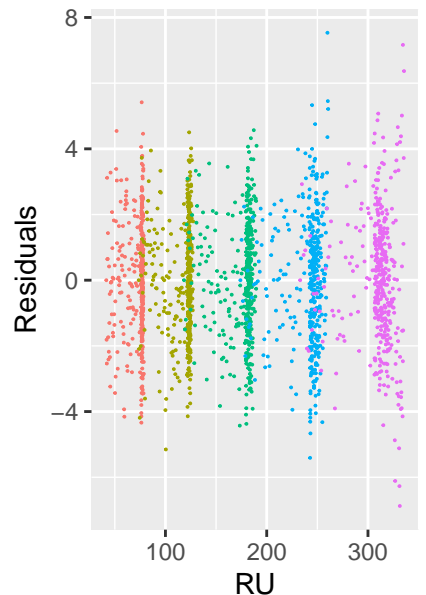
## CH505

Bivalent Analyte Model-2 with Nominal Length of Dissociation

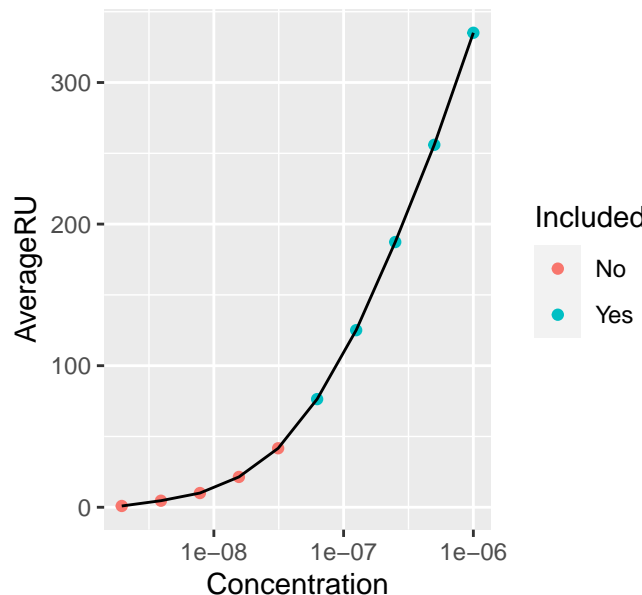


<i>ka1</i>	2.49e+03	8.12e+01
<i>ka2</i>	7.09e-05	3.25e-06
<i>kd1</i>	2.28e-02	1.46e-03
<i>kd2</i>	5.59e-05	1.65e-06
<i>Rmax 1</i>	7.07e+02	1.85e+01
<i>Rmax 2</i>	6.19e+02	1.45e+01
<i>Rmax 3</i>	5.63e+02	1.09e+01
<i>Rmax 4</i>	5.49e+02	7.56e+00
<i>Rmax 5</i>	5.84e+02	4.03e+00
<i>p 1</i>	1.03e-01	2.40e-02
<i>p 2</i>	6.47e-02	1.31e-02
<i>p 3</i>	5.35e-02	8.94e-03
<i>p 4</i>	1.04e-01	8.00e-03

## Residuals

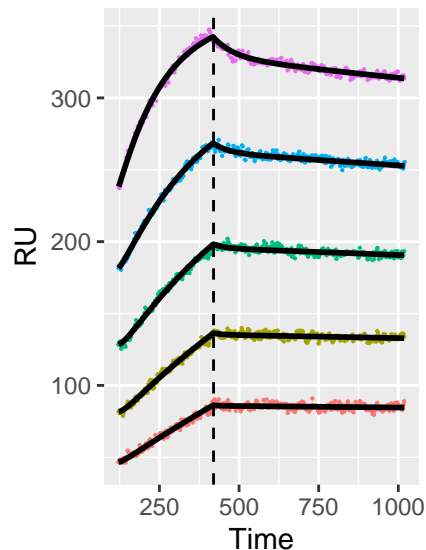


## CH505



## CH505

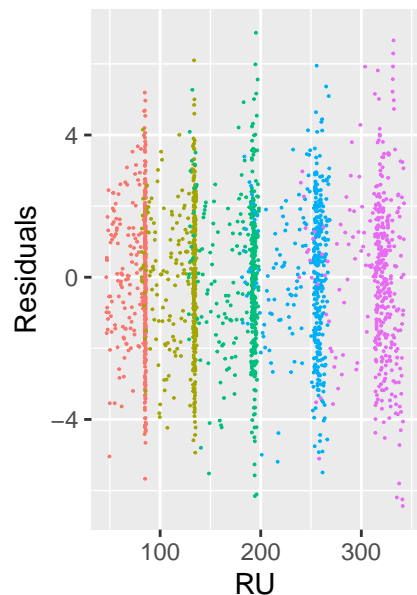
Bivalent Analyte Model-2 with Nominal Length of Dissociation



Concentration

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

## Residuals

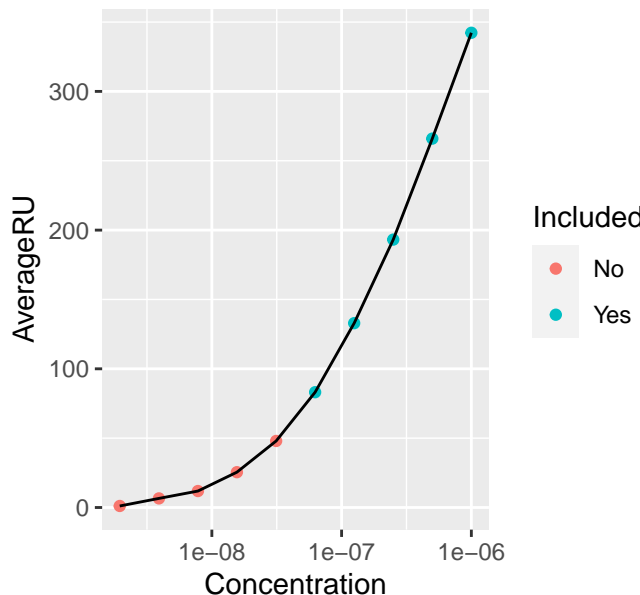


Concentration

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

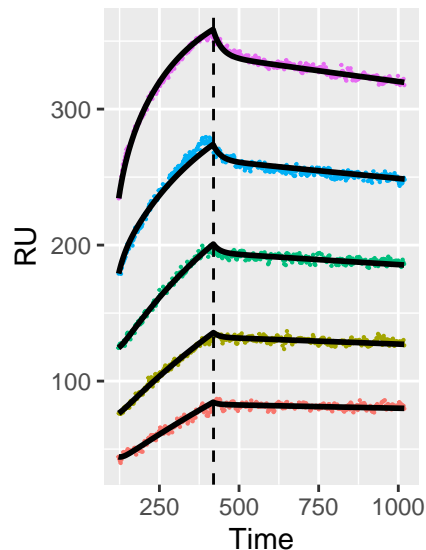
<i>ka1</i>	1.99e+03	5.80e+01
<i>ka2</i>	7.53e-05	4.30e-06
<i>kd1</i>	8.62e-03	6.29e-04
<i>kd2</i>	7.46e-05	3.45e-06
<i>Rmax 1</i>	7.55e+02	2.26e+01
<i>Rmax 2</i>	6.49e+02	1.65e+01
<i>Rmax 3</i>	5.79e+02	1.09e+01
<i>Rmax 4</i>	5.54e+02	5.84e+00
<i>Rmax 5</i>	5.90e+02	9.99e+00
<i>p 1</i>	2.89e-01	5.96e-02
<i>p 2</i>	3.28e-01	3.31e-02
<i>p 3</i>	3.28e-01	2.48e-02
<i>p 4</i>	2.85e-01	2.69e-02

## CH505

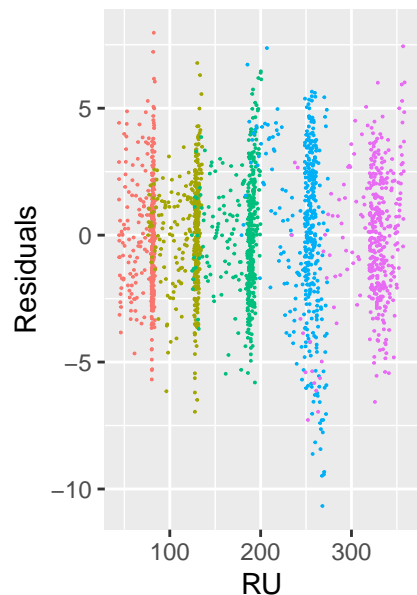


## CH505

Bivalent Analyte Model-2 with Nominal Length of Dissociation



## Residuals



$ka1$  2.73e+03 1.37e+02

$ka2$  5.13e-05 3.02e-06

$kd1$  2.92e-02 1.89e-03

$kd2$  6.69e-05 1.87e-06

$Rmax\ 1$  8.54e+02 3.23e+01

$Rmax\ 2$  7.42e+02 2.50e+01

$Rmax\ 3$  6.73e+02 1.85e+01

$Rmax\ 4$  6.03e+02 1.23e+01

$Rmax\ 5$  6.48e+02 7.70e+00

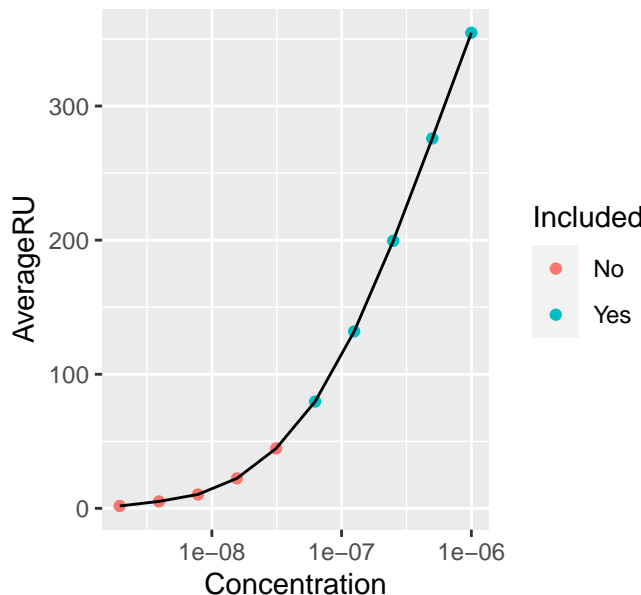
$p\ 1$  2.61e-01 2.51e-02

$p\ 2$  1.31e-01 1.39e-02

$p\ 3$  1.57e-01 9.52e-03

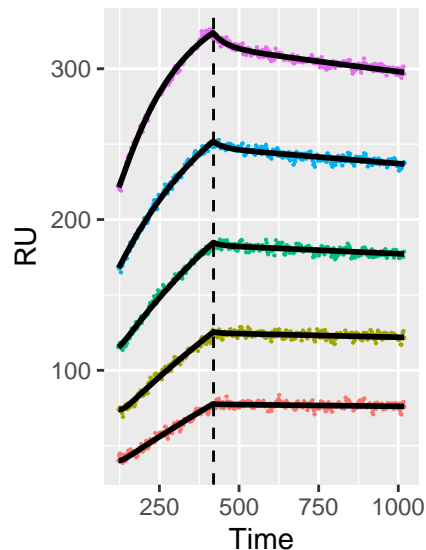
$p\ 4$  2.97e-02 9.24e-03

## CH505

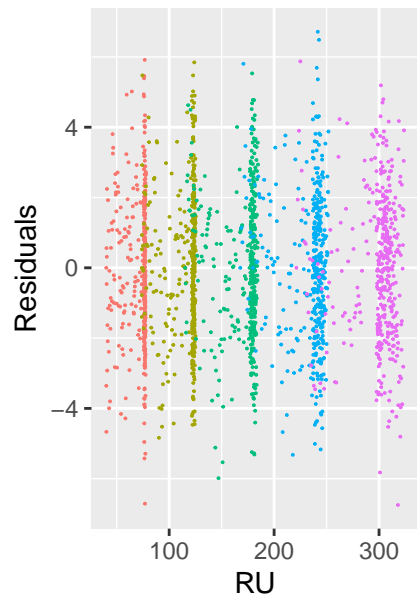


## CH505

Bivalent Analyte Model-2 with Nominal Length of Dissociation



## Residuals



*ka1* 1.56e+03 5.41e+01

*ka2* 8.65e-05 6.54e-06

*kd1* 1.30e-02 1.36e-03

*kd2* 9.18e-05 4.42e-06

*Rmax 1* 9.04e+02 3.08e+01

*Rmax 2* 7.50e+02 2.28e+01

*Rmax 3* 6.25e+02 1.66e+01

*Rmax 4* 5.56e+02 1.14e+01

*Rmax 5* 5.81e+02 5.12e+00

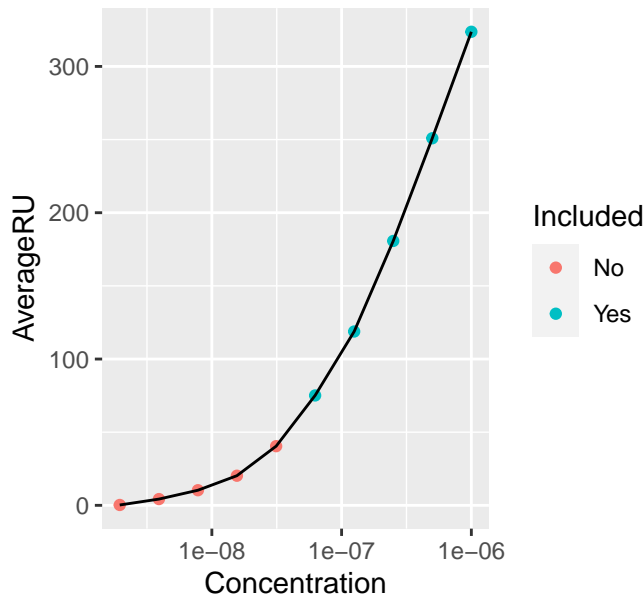
*p 1* 3.53e-01 6.42e-02

*p 2* 3.31e-01 3.39e-02

*p 3* 1.42e-01 1.70e-02

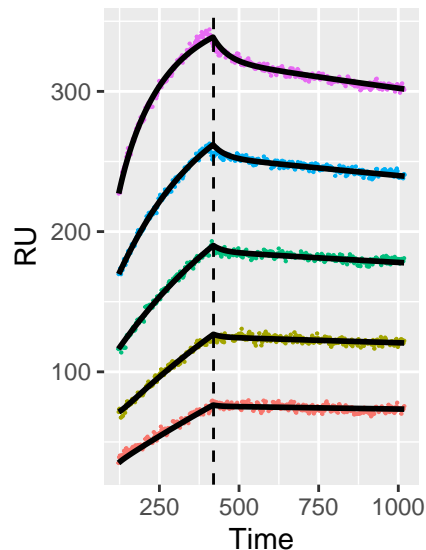
*p 4* 8.84e-02 1.35e-02

## CH505

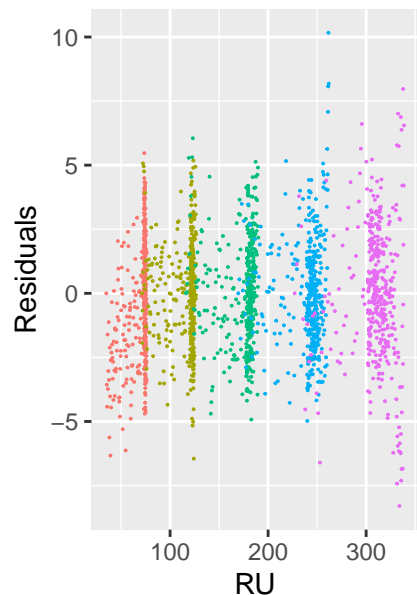


## CH505

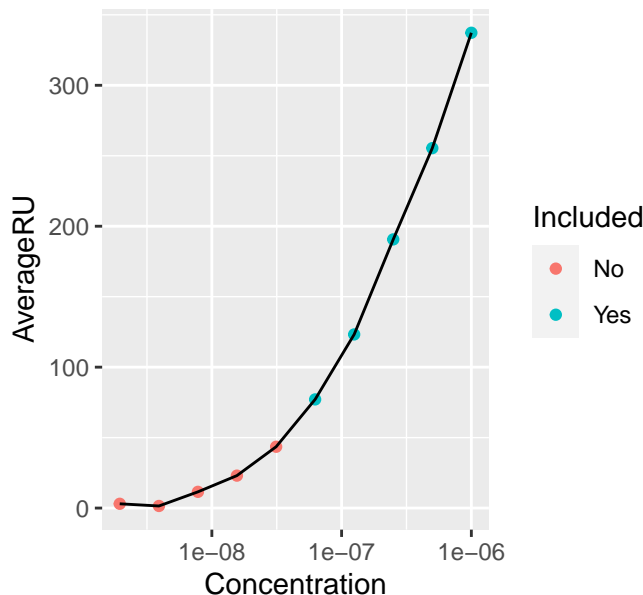
Bivalent Analyte Model-2 with Nominal Length of Dissociation



## Residuals



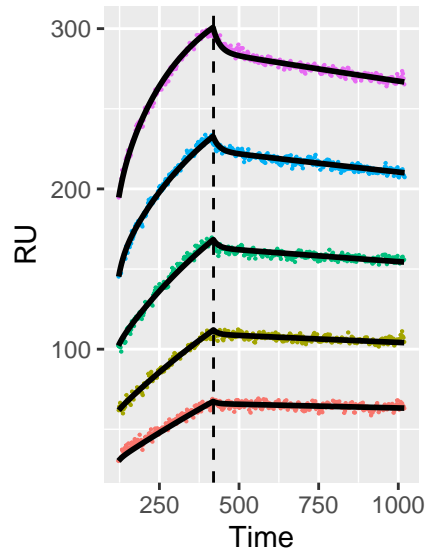
## CH505



<i>ka1</i>	2.15e+03	8.27e+01
<i>ka2</i>	6.07e-05	3.71e-06
<i>kd1</i>	1.39e-02	8.78e-04
<i>kd2</i>	8.88e-05	2.85e-06
<i>Rmax 1</i>	7.63e+02	2.84e+01
<i>Rmax 2</i>	6.61e+02	2.15e+01
<i>Rmax 3</i>	5.84e+02	1.55e+01
<i>Rmax 4</i>	5.67e+02	9.91e+00
<i>Rmax 5</i>	5.75e+02	5.02e+00
<i>p 1</i>	0.00e+00	4.84e-02
<i>p 2</i>	1.77e-01	2.20e-02
<i>p 3</i>	1.12e-01	1.44e-02
<i>p 4</i>	1.59e-01	1.56e-02

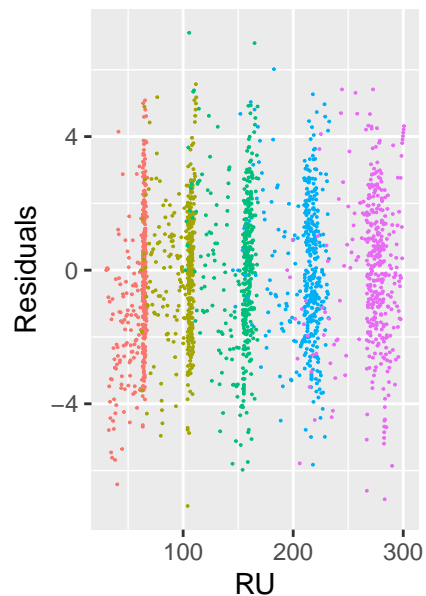
## CH505

Bivalent Analyte Model-2 with Nominal Length of Dissociation

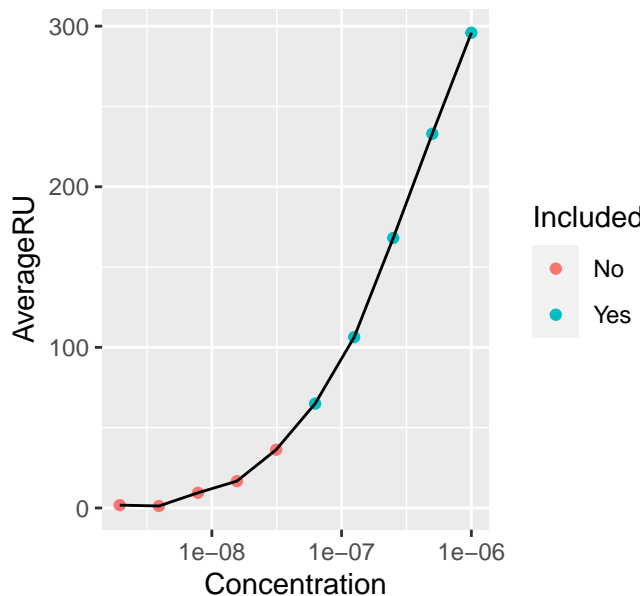


<i>ka1</i>	2.64e+03	1.43e+02
<i>ka2</i>	6.01e-05	3.53e-06
<i>kd1</i>	3.75e-02	2.84e-03
<i>kd2</i>	7.50e-05	1.93e-06
<i>Rmax 1</i>	7.74e+02	2.87e+01
<i>Rmax 2</i>	6.72e+02	2.23e+01
<i>Rmax 3</i>	6.01e+02	1.68e+01
<i>Rmax 4</i>	5.60e+02	1.21e+01
<i>Rmax 5</i>	5.83e+02	8.02e+00
<i>p 1</i>	0.00e+00	2.79e-02
<i>p 2</i>	7.09e-02	1.32e-02
<i>p 3</i>	6.03e-02	8.83e-03
<i>p 4</i>	3.52e-03	8.86e-03

## Residuals

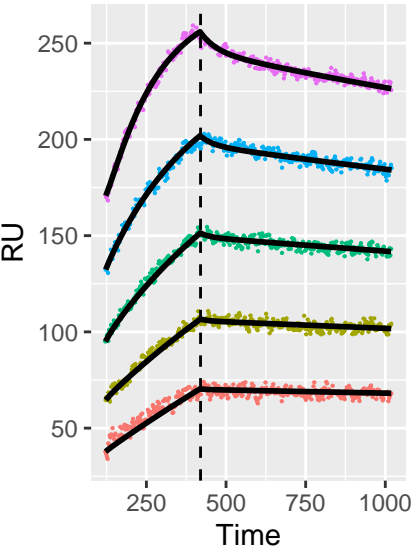


## CH505



CH505

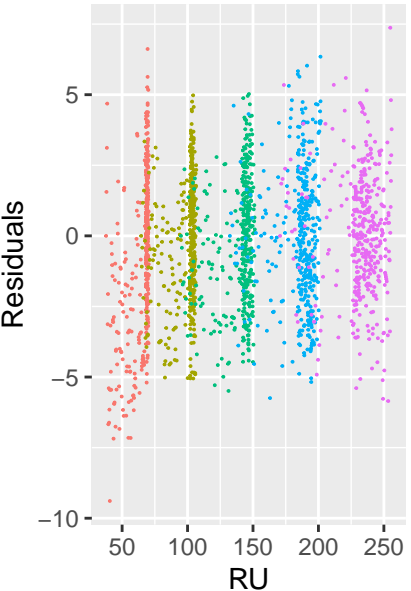
Bivalent Analyte Model-2 with Nominal Length of Dissociation



Concentration



Residuals

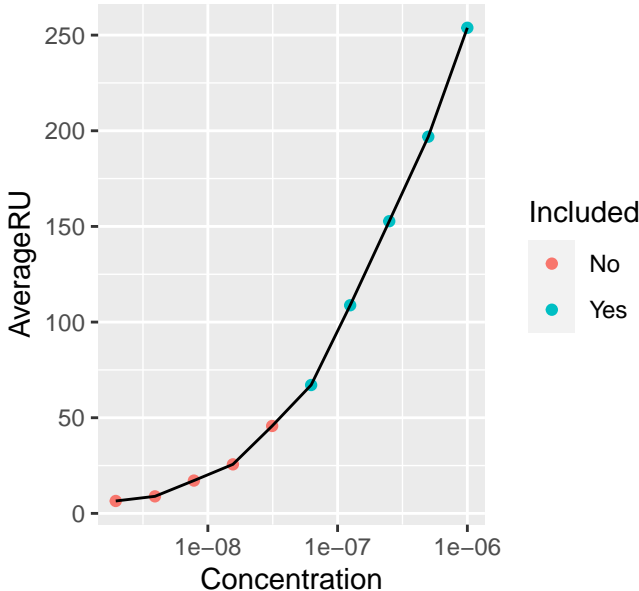


Concentration



<i>ka1</i>	1.79e+03	7.75e+01
<i>ka2</i>	9.21e-05	8.19e-06
<i>kd1</i>	1.08e-02	1.26e-03
<i>kd2</i>	1.38e-04	7.23e-06
<i>Rmax 1</i>	6.65e+02	2.94e+01
<i>Rmax 2</i>	5.19e+02	2.11e+01
<i>Rmax 3</i>	4.50e+02	1.57e+01
<i>Rmax 4</i>	4.25e+02	1.05e+01
<i>Rmax 5</i>	4.80e+02	5.88e+00
<i>p 1</i>	0.00e+00	7.06e-02
<i>p 2</i>	0.00e+00	3.53e-02
<i>p 3</i>	0.00e+00	2.46e-02
<i>p 4</i>	7.85e-02	2.15e-02

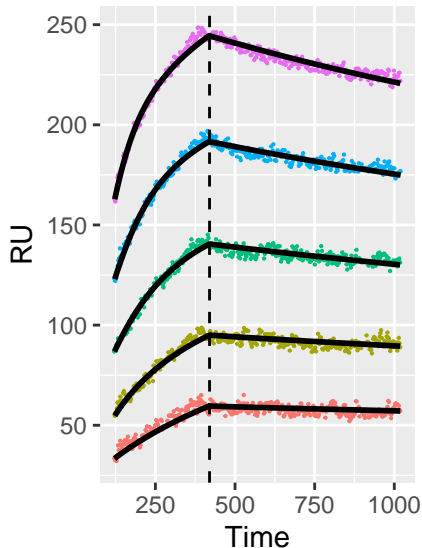
CH505



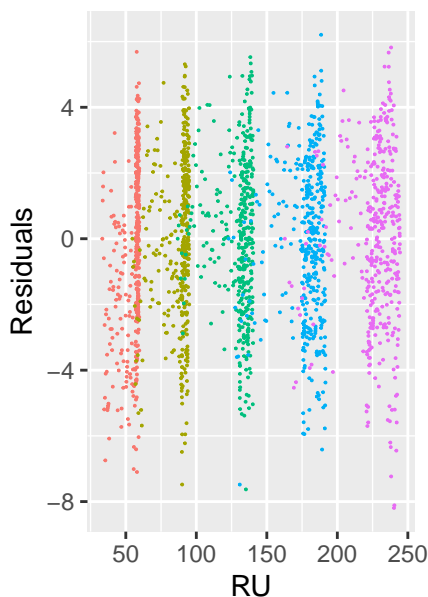


## CH505

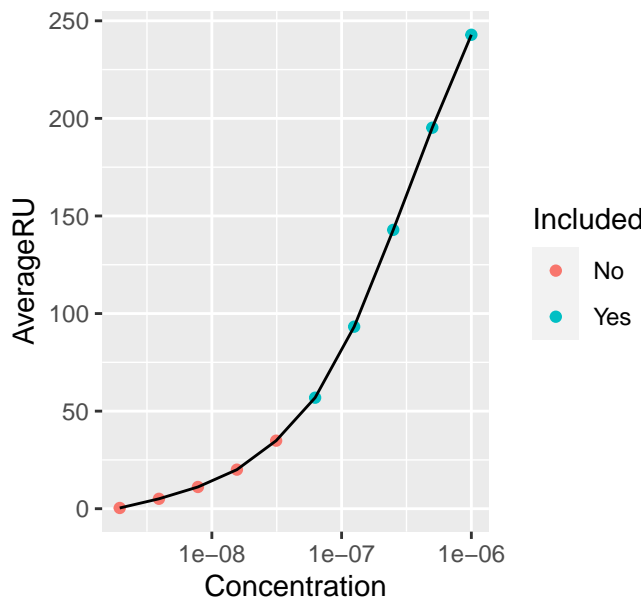
Bivalent Analyte Model-2 with Nominal Length of Dissociation



## Residuals



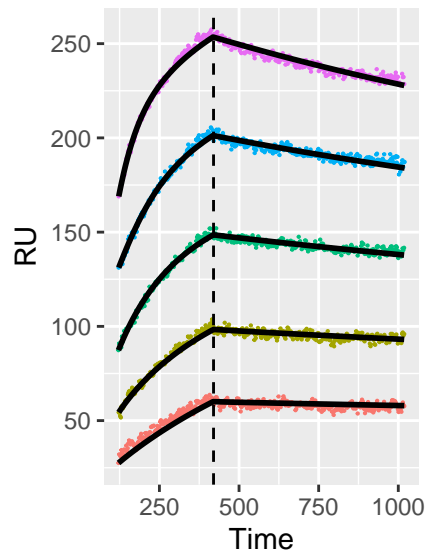
## CH505



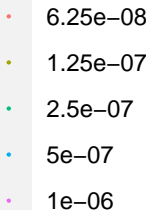
<i>ka1</i>	7.25e+03	4.25e+02
<i>ka2</i>	1.17e-04	2.70e-05
<i>kd1</i>	3.57e-04	3.32e-05
<i>kd2</i>	1.08e-03	2.58e-04
<i>Rmax 1</i>	1.83e+02	5.80e+00
<i>Rmax 2</i>	2.07e+02	4.18e+00
<i>Rmax 3</i>	1.81e+02	7.73e+00
<i>Rmax 4</i>	1.91e+02	5.39e+00
<i>Rmax 5</i>	2.14e+02	3.46e+00
<i>p 1</i>	1.00e+00	NA
<i>p 2</i>	1.00e+00	NA
<i>p 3</i>	1.48e-01	9.93e-02
<i>p 4</i>	0.00e+00	7.88e-02

## CH505

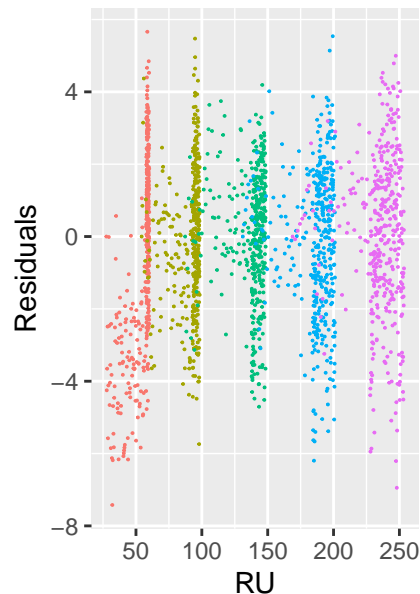
Bivalent Analyte Model-2 with Nominal Length of Dissociation



Concentration



## Residuals



Concentration



$ka1$   $6.22 \times 10^3$   $2.93 \times 10^2$

$kd1$   $1.05 \times 10^{-4}$   $2.18 \times 10^{-5}$

$kd2$   $3.40 \times 10^{-4}$   $2.48 \times 10^{-5}$

$Rmax$  1  $1.26 \times 10^{-3}$   $2.47 \times 10^{-4}$

$Rmax$  2  $2.23 \times 10^2$   $6.60 \times 10^0$

$Rmax$  3  $2.31 \times 10^2$   $4.16 \times 10^0$

$Rmax$  4  $2.27 \times 10^2$   $9.17 \times 10^0$

$Rmax$  5  $2.01 \times 10^2$   $5.40 \times 10^0$

$p$  1  $2.40 \times 10^2$   $3.54 \times 10^0$

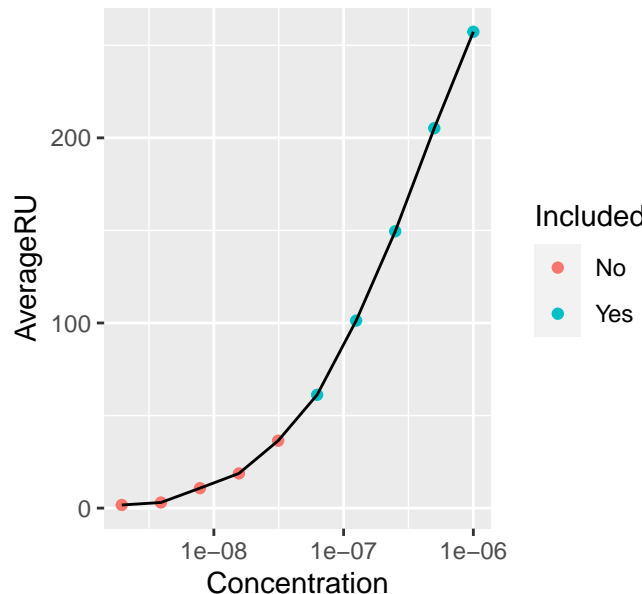
$p$  2  $1.00 \times 10^0$  NA

$p$  3  $1.00 \times 10^0$  NA

$p$  4  $4.51 \times 10^{-1}$   $1.12 \times 10^{-1}$

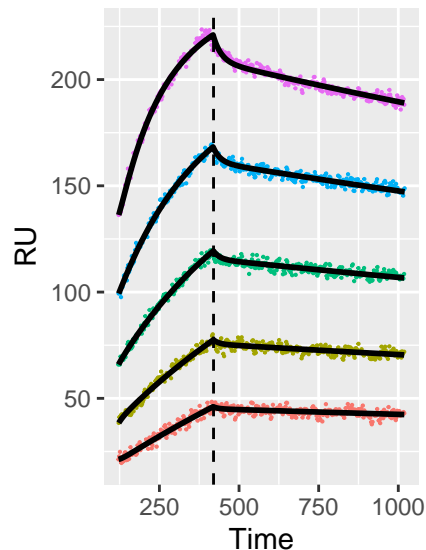
$p$  5  $0.00 \times 10^0$   $6.92 \times 10^{-2}$

## CH505

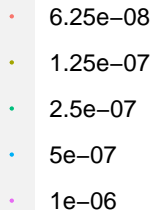


## CH505

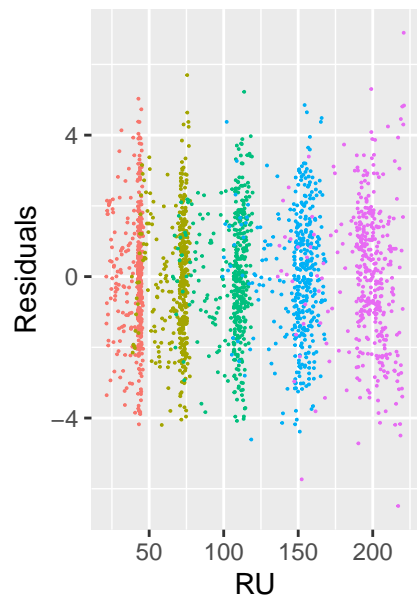
Bivalent Analyte Model-2 with Nominal Length of Dissociation



Concentration



## Residuals

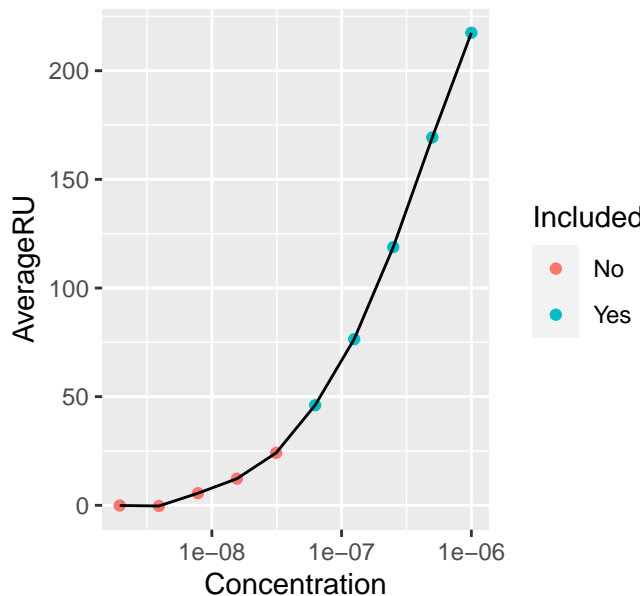


Concentration



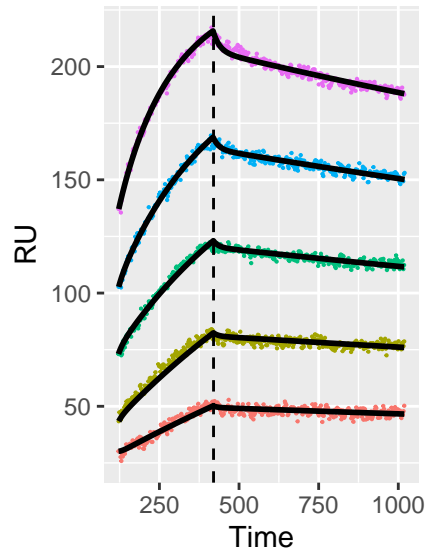
<i>ka1</i>	2.85e+03	1.10e+02
<i>ka2</i>	8.88e-05	4.42e-06
<i>kd1</i>	2.94e-02	2.20e-03
<i>kd2</i>	1.17e-04	2.95e-06
<i>Rmax 1</i>	4.88e+02	1.43e+01
<i>Rmax 2</i>	4.38e+02	1.17e+01
<i>Rmax 3</i>	4.13e+02	9.24e+00
<i>Rmax 4</i>	4.09e+02	6.73e+00
<i>Rmax 5</i>	4.38e+02	3.77e+00
<i>p 1</i>	2.03e-01	3.63e-02
<i>p 2</i>	3.58e-02	2.08e-02
<i>p 3</i>	1.15e-01	1.28e-02
<i>p 4</i>	1.74e-01	1.18e-02

## CH505



## CH505

Bivalent Analyte Model-2 with Nominal Length of Dissociation



$ka1$  2.47e+03 1.26e+02

$ka2$  1.06e-04 7.12e-06

$kd1$  3.59e-02 3.38e-03

$kd2$  1.12e-04 3.41e-06

$Rmax\ 1$  4.81e+02 1.70e+01

$Rmax\ 2$  4.81e+02 1.52e+01

$Rmax\ 3$  4.22e+02 1.15e+01

$Rmax\ 4$  4.12e+02 8.63e+00

$Rmax\ 5$  4.20e+02 5.47e+00

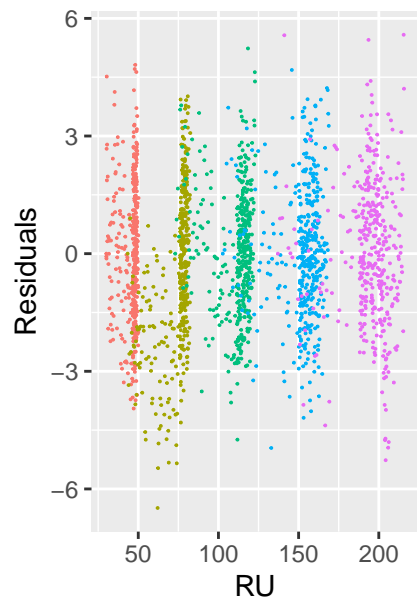
$p\ 1$  1.19e-01 2.42e-02

$p\ 2$  0.00e+00 1.90e-02

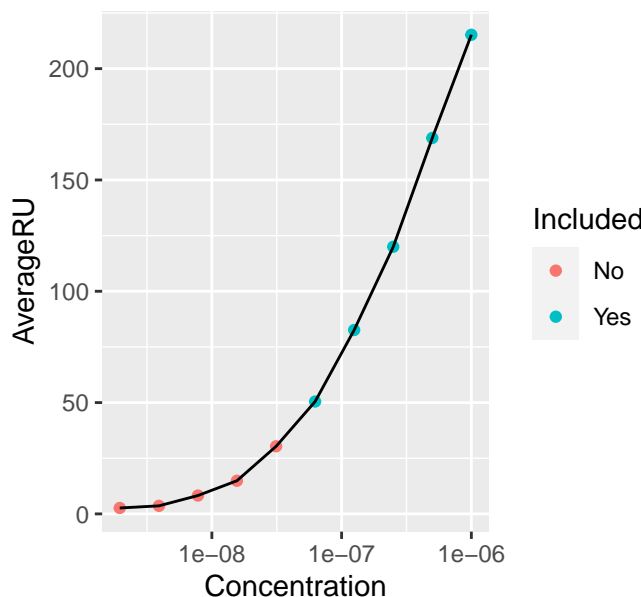
$p\ 3$  1.10e-02 1.19e-02

$p\ 4$  6.63e-02 1.04e-02

## Residuals

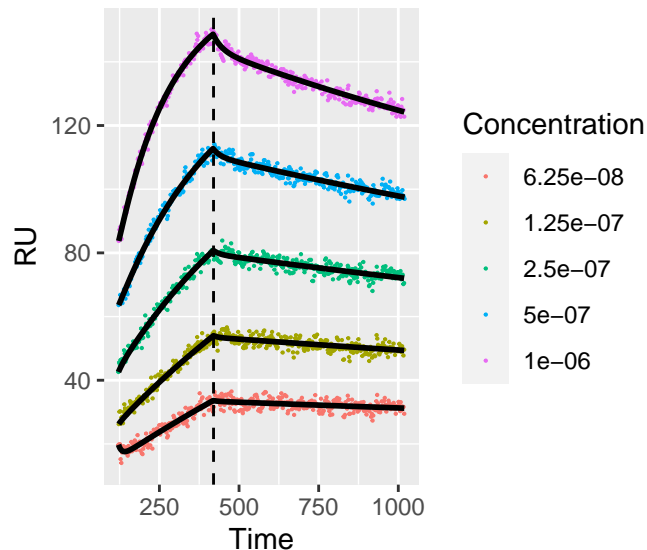


## CH505

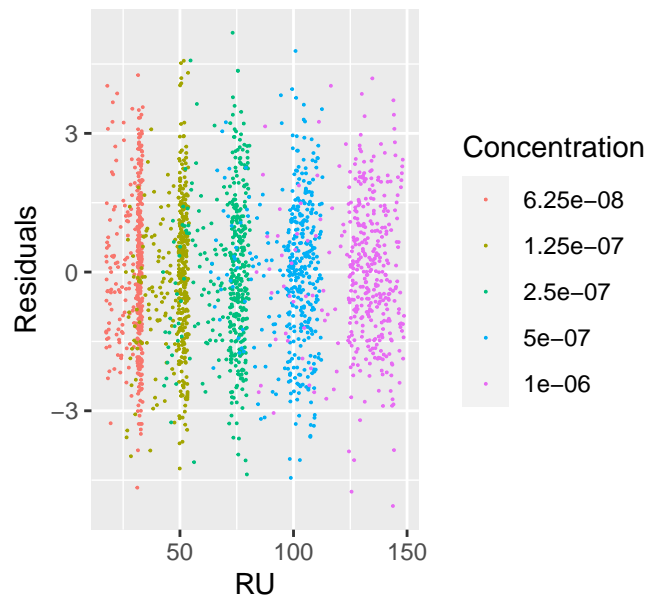


## CH505

Bivalent Analyte Model-2 with Nominal Length of Dissociation

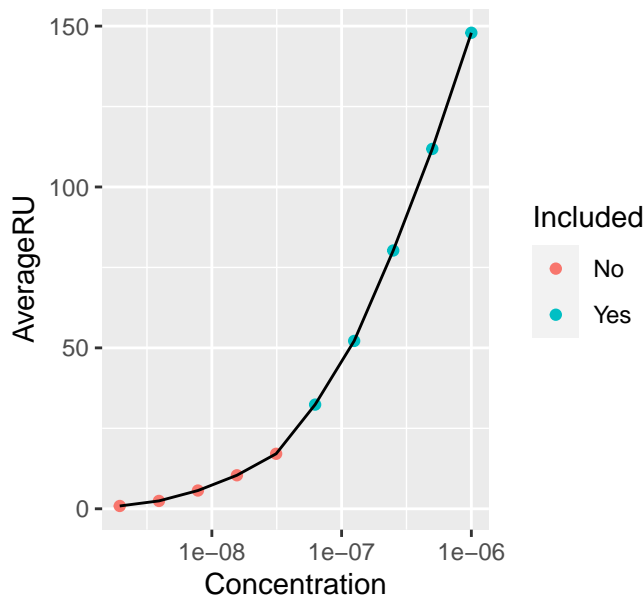


## Residuals



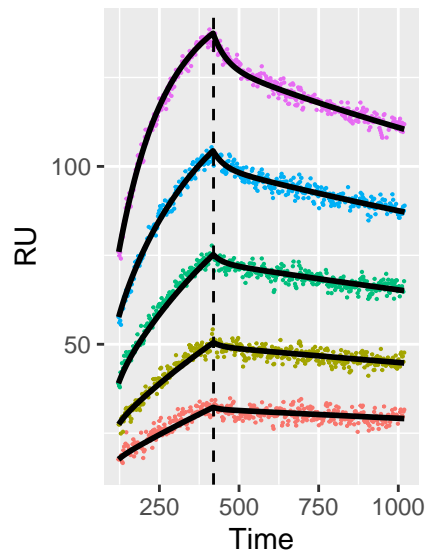
<i>ka1</i>	1.75e+03	7.20e+01
<i>ka2</i>	1.75e-04	1.80e-05
<i>kd1</i>	2.01e-02	1.91e-03
<i>kd2</i>	2.32e-04	8.85e-06
<i>Rmax 1</i>	4.25e+02	1.64e+01
<i>Rmax 2</i>	3.58e+02	1.29e+01
<i>Rmax 3</i>	3.11e+02	9.64e+00
<i>Rmax 4</i>	2.96e+02	6.75e+00
<i>Rmax 5</i>	3.04e+02	3.87e+00
<i>p 1</i>	1.00e+00	NA
<i>p 2</i>	0.00e+00	4.27e-02
<i>p 3</i>	0.00e+00	2.62e-02
<i>p 4</i>	1.33e-01	2.09e-02

## CH505



## CH505

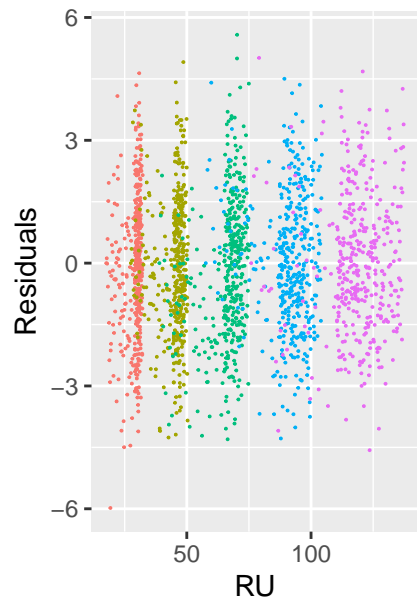
Bivalent Analyte Model-2 with Nominal Length of Dissociation



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* 2.08e+03 1.13e+02

*ka2* 1.10e-04 9.48e-06

*kd1* 1.53e-02 1.47e-03

*kd2* 2.16e-04 8.09e-06

*Rmax 1* 3.20e+02 1.70e+01

*Rmax 2* 2.90e+02 1.40e+01

*Rmax 3* 2.75e+02 1.14e+01

*Rmax 4* 2.64e+02 7.97e+00

*Rmax 5* 2.85e+02 3.85e+00

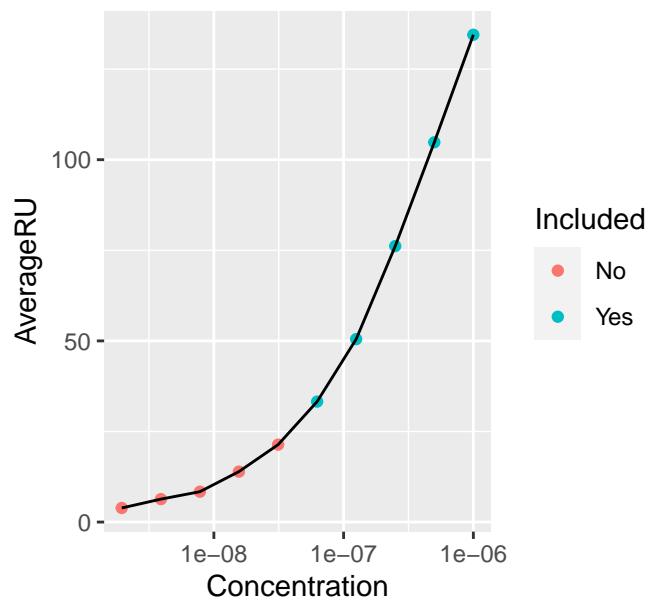
*p 1* 0.00e+00 5.66e-02

*p 2* 0.00e+00 3.69e-02

*p 3* 0.00e+00 3.07e-02

*p 4* 1.22e-01 2.70e-02

## CH505



Included

- No
- Yes