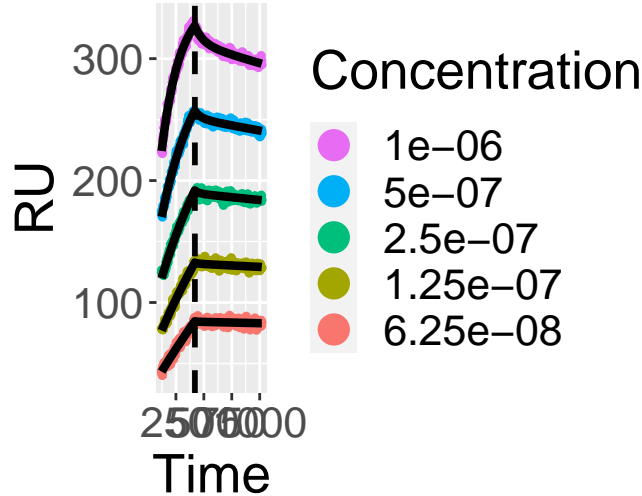
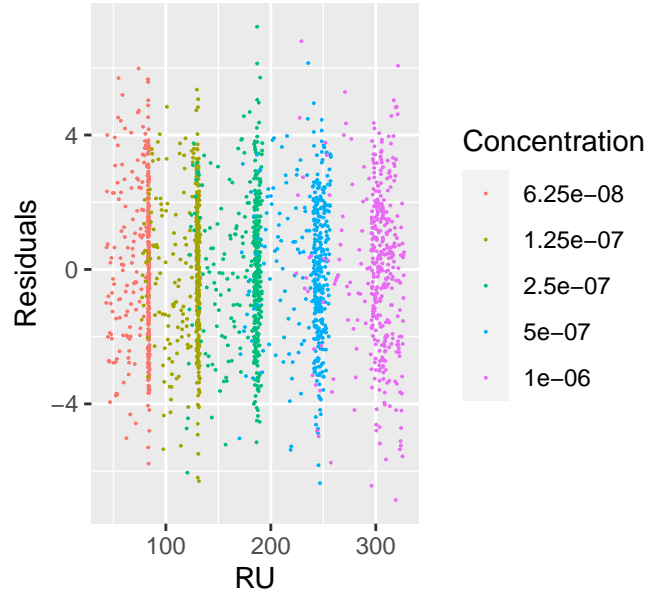


CH505

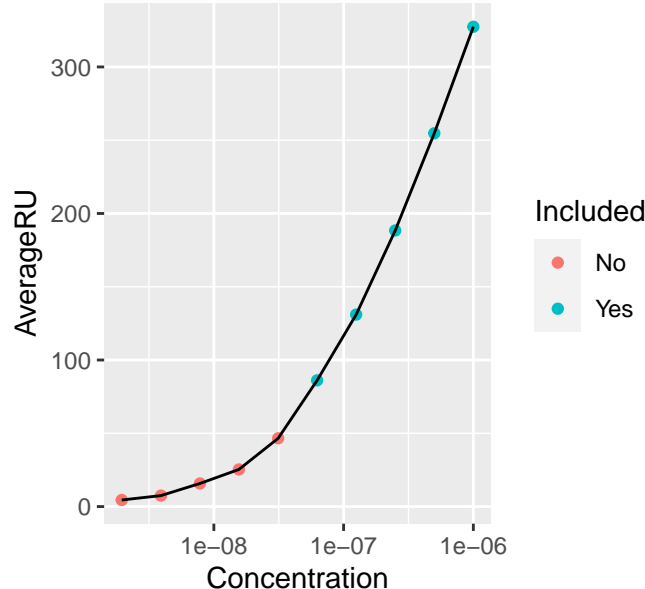
Bivalent Analyte Model-2 with Nominal Length of D



Residuals



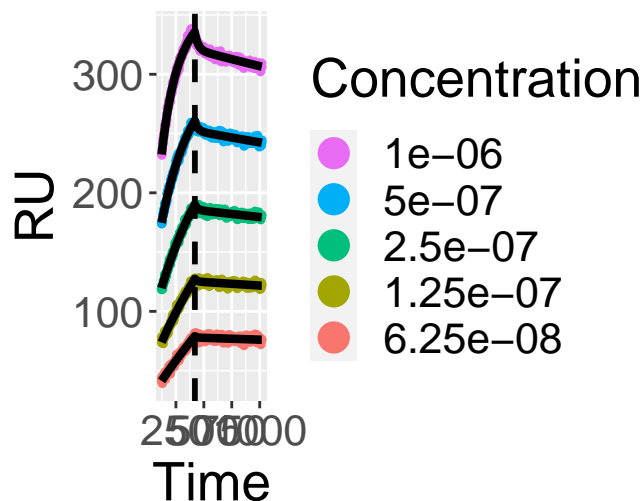
CH505



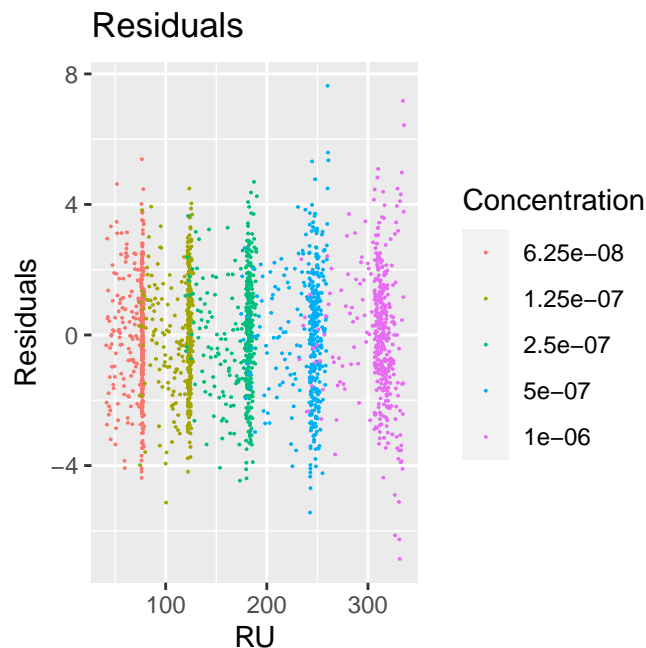
| | | |
|----------------|----------|------------|
| <i>ka</i> 1 | 1.60e+03 | 36.0444962 |
| <i>ka</i> 2 | 6.11e-05 | 0.0000037 |
| <i>kd</i> 1 | 6.66e-05 | 0.0005438 |
| <i>kd</i> 2 | 1.02e-04 | 0.0000051 |
| <i>R</i> max 1 | 9.24e+02 | 20.4341311 |
| <i>R</i> max 2 | 7.75e+02 | 14.8742565 |
| <i>R</i> max 3 | 7.02e+02 | 10.9012069 |
| <i>R</i> max 4 | 6.90e+02 | 7.9323830 |
| <i>R</i> max 5 | 7.29e+02 | 5.8418942 |
| <i>t</i> 0 1 | 2.75e+02 | 4.4119492 |
| <i>t</i> 0 2 | 3.16e+02 | 3.6041403 |
| <i>t</i> 0 3 | 3.03e+02 | 3.5348691 |
| <i>t</i> 0 4 | 2.46e+02 | 3.7950888 |

CH505

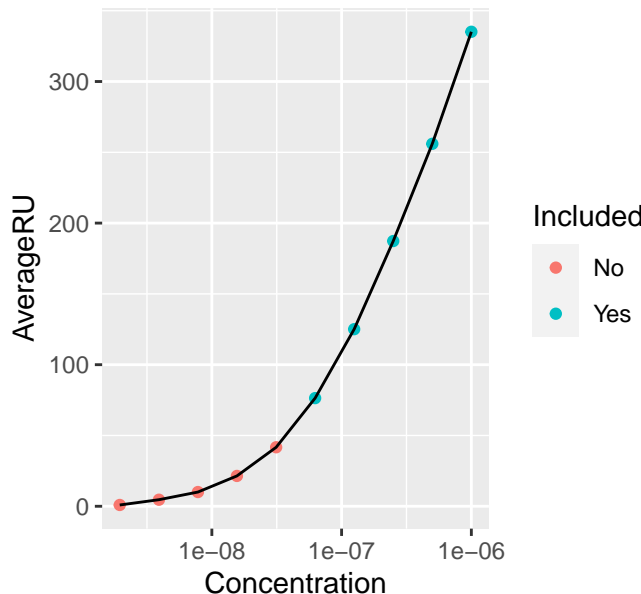
Bivalent Analyte Model-2 with Nominal Length of D



| | | |
|---------------|----------|----------|
| <i>ka1</i> | 2.52e+03 | 6.75e+01 |
| <i>ka2</i> | 7.01e-05 | 2.57e-06 |
| <i>kd1</i> | 2.44e-02 | 1.17e-03 |
| <i>kd2</i> | 5.54e-05 | 1.60e-06 |
| <i>Rmax 1</i> | 7.52e+02 | 1.22e+01 |
| <i>Rmax 2</i> | 6.97e+02 | 9.63e+00 |
| <i>Rmax 3</i> | 6.83e+02 | 7.49e+00 |
| <i>Rmax 4</i> | 7.12e+02 | 5.71e+00 |
| <i>Rmax 5</i> | 7.78e+02 | 4.31e+00 |
| <i>t0 1</i> | 2.69e+02 | 4.15e+00 |
| <i>t0 2</i> | 2.87e+02 | 3.45e+00 |
| <i>t0 3</i> | 2.68e+02 | 3.38e+00 |
| <i>t0 4</i> | 2.11e+02 | 3.23e+00 |

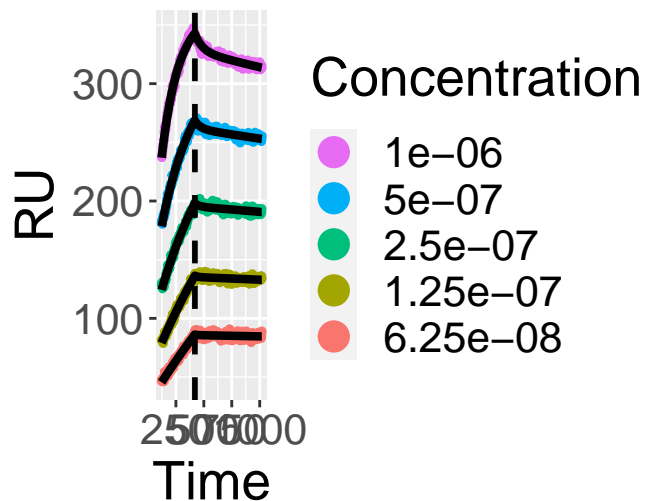


CH505

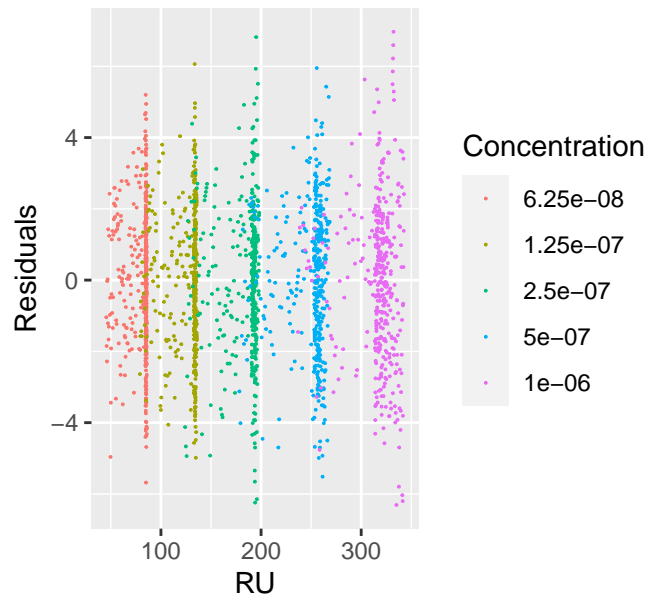


CH505

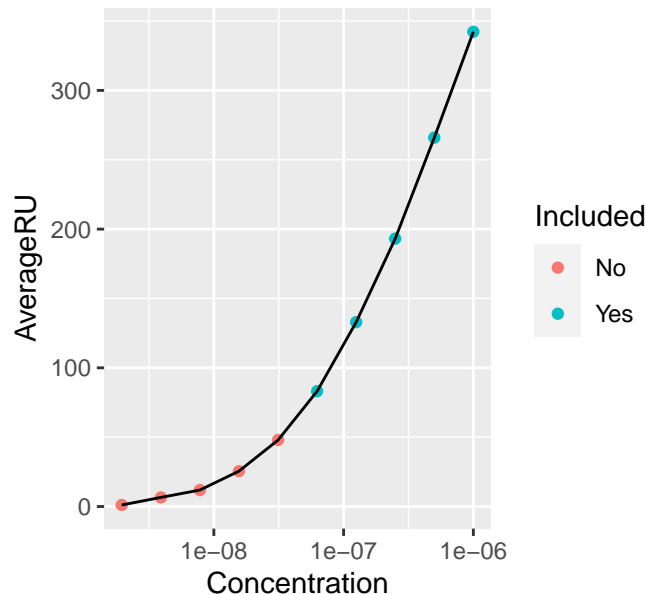
Bivalent Analyte Model-2 with Nominal Length of D



Residuals



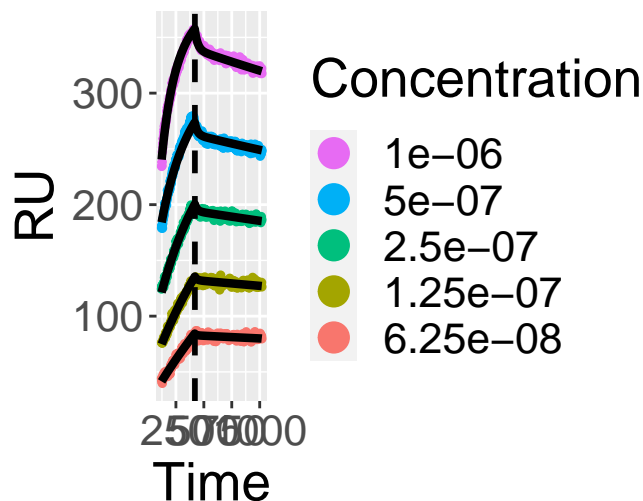
CH505



| | | |
|---------------|----------|----------|
| <i>ka1</i> | 1.78e+03 | 3.48e+01 |
| <i>ka2</i> | 6.38e-05 | 3.18e-06 |
| <i>kd1</i> | 2.89e-09 | 5.61e-04 |
| <i>kd2</i> | 7.29e-05 | 3.51e-06 |
| <i>Rmax 1</i> | 8.56e+02 | 1.59e+01 |
| <i>Rmax 2</i> | 7.52e+02 | 1.20e+01 |
| <i>Rmax 3</i> | 6.96e+02 | 8.89e+00 |
| <i>Rmax 4</i> | 7.03e+02 | 6.59e+00 |
| <i>Rmax 5</i> | 7.57e+02 | 4.88e+00 |
| <i>t0 1</i> | 2.88e+02 | 4.29e+00 |
| <i>t0 2</i> | 3.09e+02 | 3.28e+00 |
| <i>t0 3</i> | 2.94e+02 | 3.20e+00 |
| <i>t0 4</i> | 2.35e+02 | 3.30e+00 |

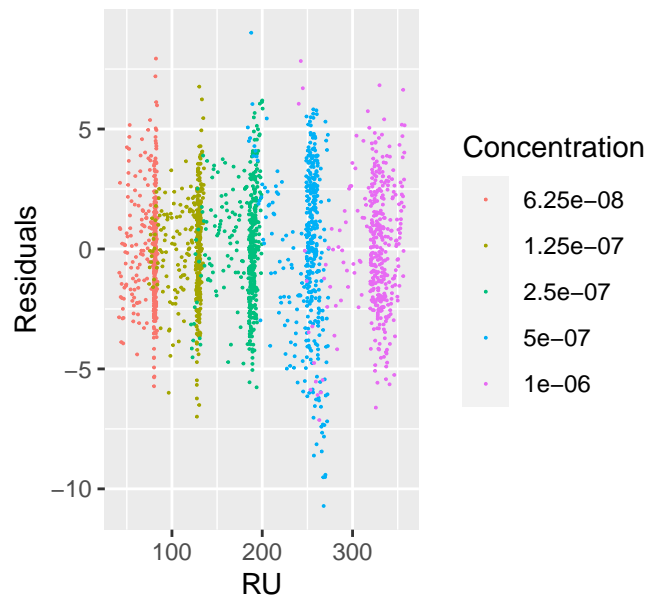
CH505

Bivalent Analyte Model-2 with Nominal Length of D

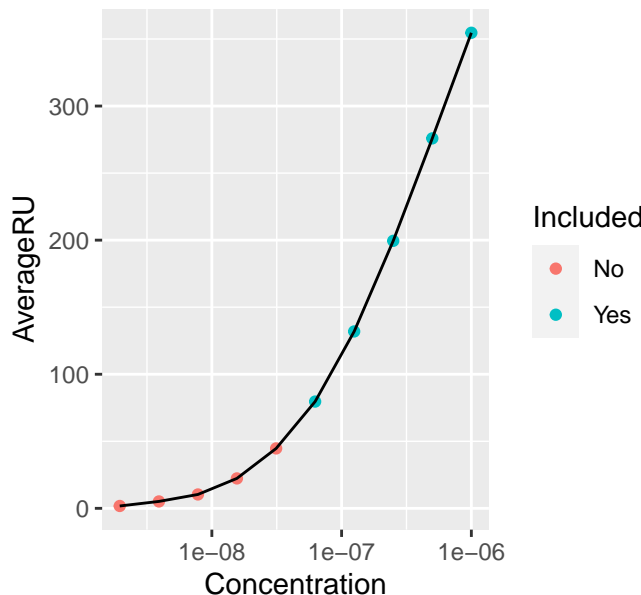


| | | |
|---------------|----------|----------|
| <i>ka1</i> | 3.15e+03 | 1.11e+02 |
| <i>ka2</i> | 6.15e-05 | 2.47e-06 |
| <i>kd1</i> | 2.97e-02 | 2.03e-03 |
| <i>kd2</i> | 6.74e-05 | 1.92e-06 |
| <i>Rmax 1</i> | 7.77e+02 | 1.45e+01 |
| <i>Rmax 2</i> | 7.26e+02 | 1.14e+01 |
| <i>Rmax 3</i> | 7.14e+02 | 8.89e+00 |
| <i>Rmax 4</i> | 7.40e+02 | 6.58e+00 |
| <i>Rmax 5</i> | 8.29e+02 | 5.16e+00 |
| <i>t0 1</i> | 2.30e+02 | 4.74e+00 |
| <i>t0 2</i> | 2.46e+02 | 3.96e+00 |
| <i>t0 3</i> | 2.28e+02 | 3.78e+00 |
| <i>t0 4</i> | 1.93e+02 | 3.74e+00 |

Residuals

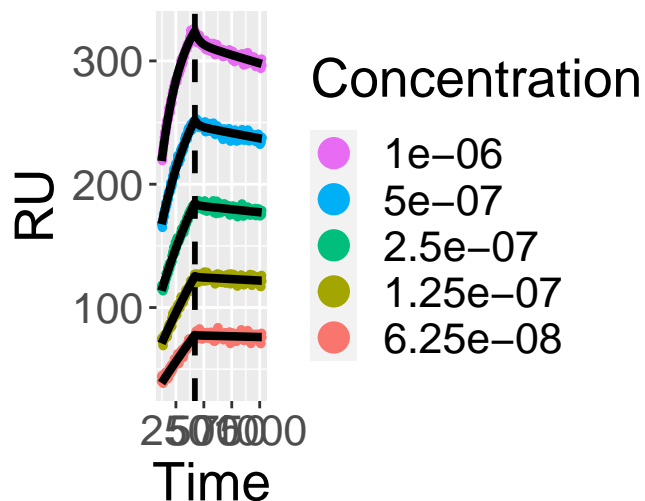


CH505



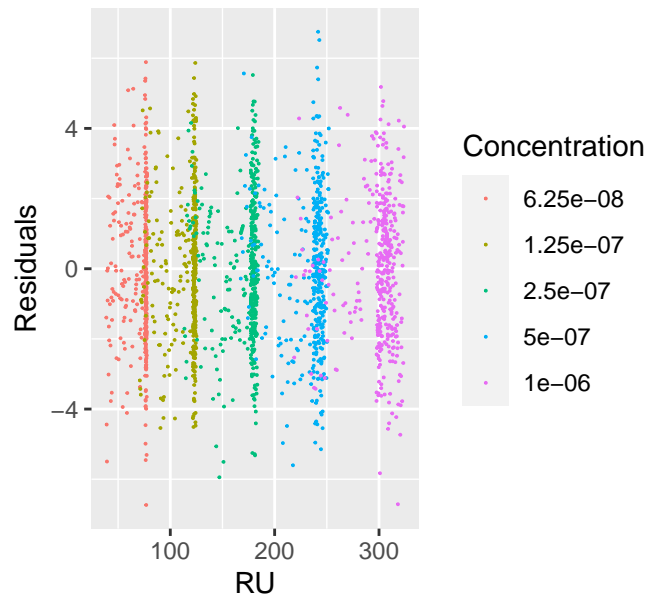
CH505

Bivalent Analyte Model-2 with Nominal Length of D

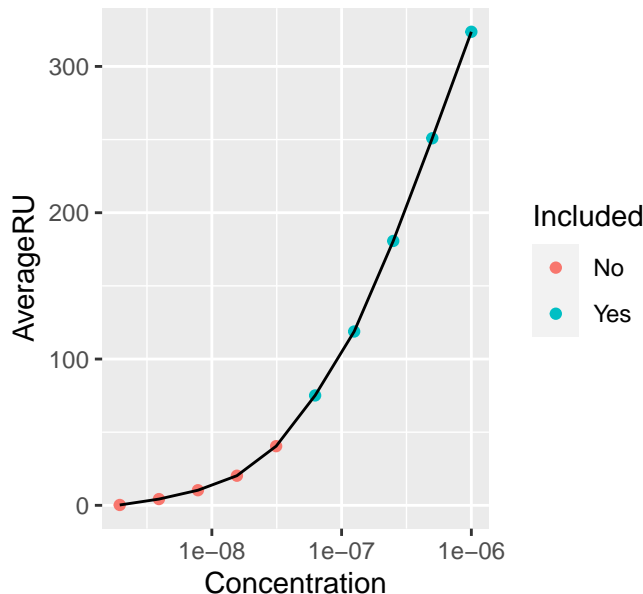


| | | |
|---------------|----------|----------|
| <i>ka1</i> | 1.50e+03 | 4.00e+01 |
| <i>ka2</i> | 8.10e-05 | 5.49e-06 |
| <i>kd1</i> | 1.50e-02 | 1.51e-03 |
| <i>kd2</i> | 9.06e-05 | 4.20e-06 |
| <i>Rmax 1</i> | 9.60e+02 | 2.24e+01 |
| <i>Rmax 2</i> | 8.22e+02 | 1.69e+01 |
| <i>Rmax 3</i> | 7.43e+02 | 1.27e+01 |
| <i>Rmax 4</i> | 7.23e+02 | 9.34e+00 |
| <i>Rmax 5</i> | 7.66e+02 | 6.99e+00 |
| <i>t0 1</i> | 2.63e+02 | 4.40e+00 |
| <i>t0 2</i> | 3.04e+02 | 3.66e+00 |
| <i>t0 3</i> | 3.02e+02 | 3.78e+00 |
| <i>t0 4</i> | 2.63e+02 | 4.21e+00 |

Residuals

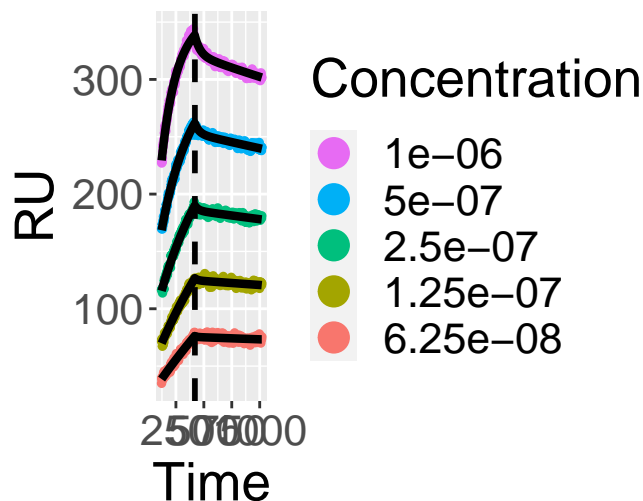


CH505

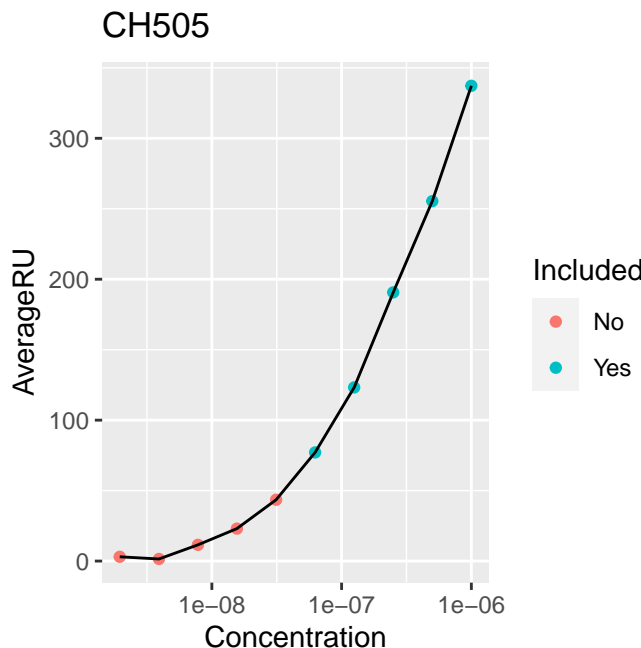
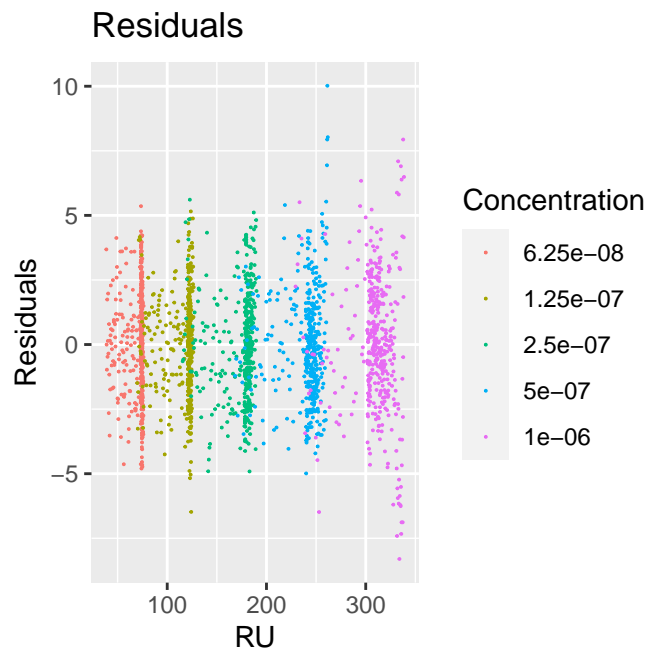


CH505

Bivalent Analyte Model-2 with Nominal Length of D

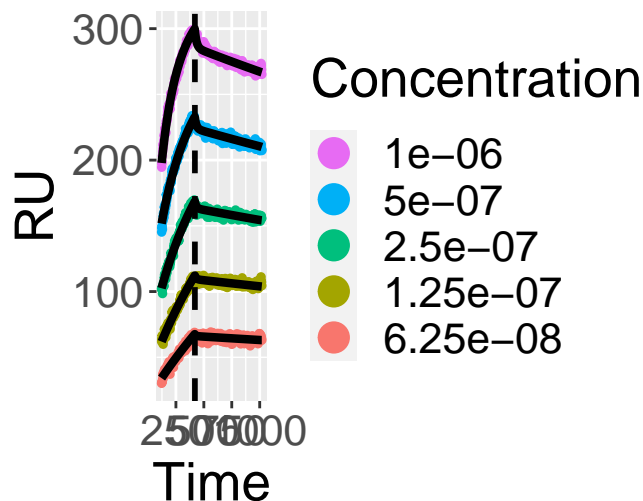


| | | |
|---------------|----------|----------|
| <i>ka1</i> | 2.18e+03 | 4.65e+01 |
| <i>ka2</i> | 6.24e-05 | 2.62e-06 |
| <i>kd1</i> | 1.33e-02 | 1.97e-04 |
| <i>kd2</i> | 8.96e-05 | 2.82e-06 |
| <i>Rmax 1</i> | 7.44e+02 | 1.33e+01 |
| <i>Rmax 2</i> | 7.03e+02 | 1.06e+01 |
| <i>Rmax 3</i> | 6.75e+02 | 8.13e+00 |
| <i>Rmax 4</i> | 7.00e+02 | 6.17e+00 |
| <i>Rmax 5</i> | 7.64e+02 | 4.56e+00 |
| <i>t0 1</i> | 2.57e+02 | 4.60e+00 |
| <i>t0 2</i> | 2.65e+02 | 3.30e+00 |
| <i>t0 3</i> | 2.56e+02 | 3.15e+00 |
| <i>t0 4</i> | 1.99e+02 | 3.01e+00 |

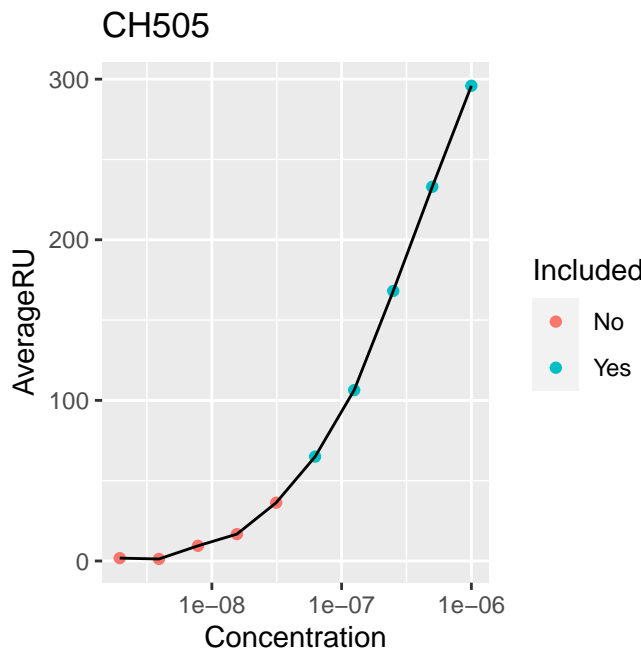
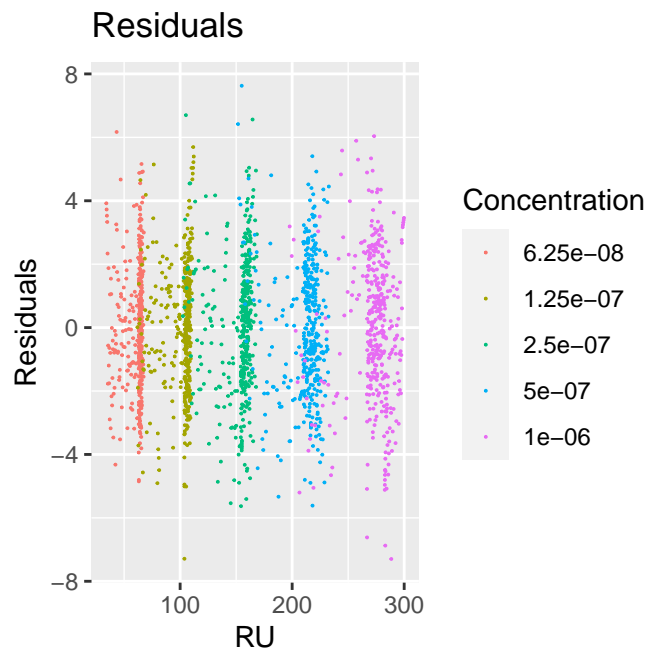


CH505

Bivalent Analyte Model-2 with Nominal Length of D

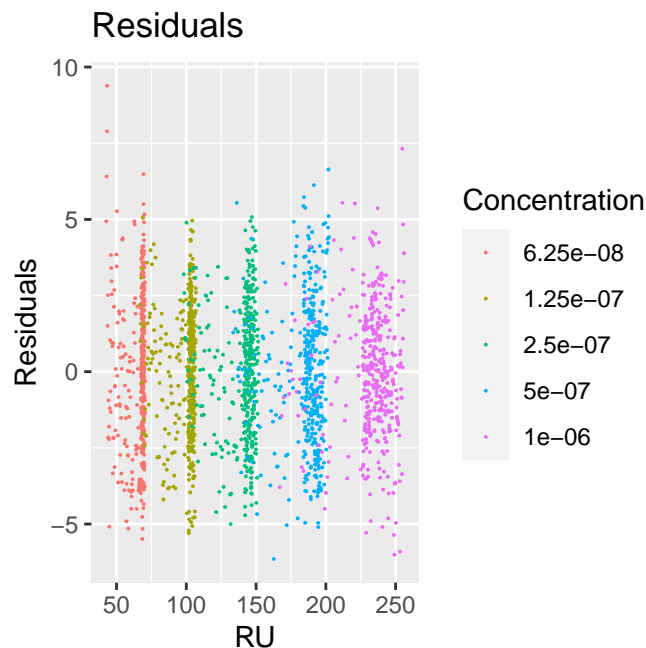
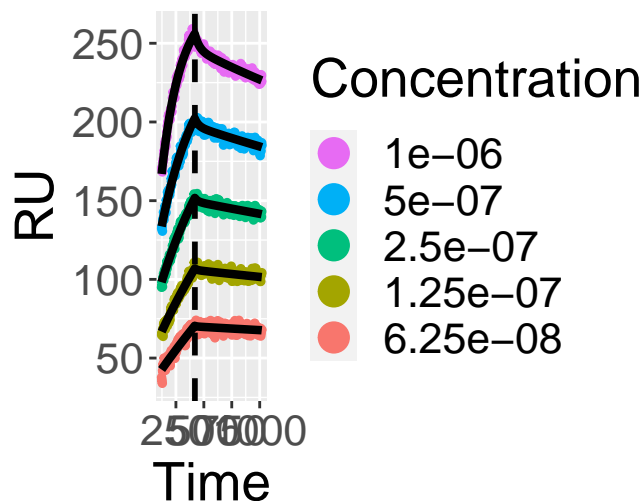


| | | |
|---------------|----------|----------|
| <i>ka1</i> | 3.50e+03 | 1.68e+02 |
| <i>ka2</i> | 7.41e-05 | 3.12e-06 |
| <i>kd1</i> | 9.08e-02 | 4.12e-03 |
| <i>kd2</i> | 7.24e-05 | 1.77e-06 |
| <i>Rmax 1</i> | 6.82e+02 | 1.39e+01 |
| <i>Rmax 2</i> | 6.59e+02 | 1.15e+01 |
| <i>Rmax 3</i> | 6.49e+02 | 9.11e+00 |
| <i>Rmax 4</i> | 6.75e+02 | 7.03e+00 |
| <i>Rmax 5</i> | 7.31e+02 | 5.44e+00 |
| <i>t0 1</i> | 2.40e+02 | 5.21e+00 |
| <i>t0 2</i> | 2.46e+02 | 4.10e+00 |
| <i>t0 3</i> | 2.35e+02 | 3.98e+00 |
| <i>t0 4</i> | 1.88e+02 | 3.79e+00 |

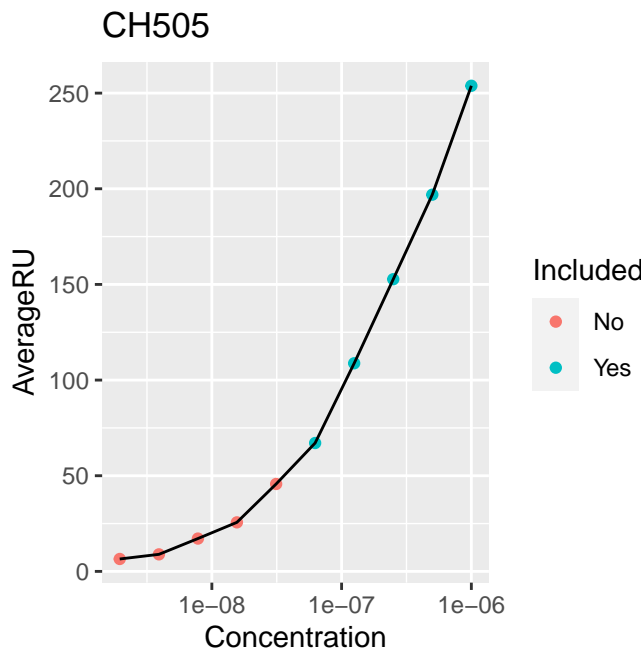


CH505

Bivalent Analyte Model-2 with Nominal Length of D

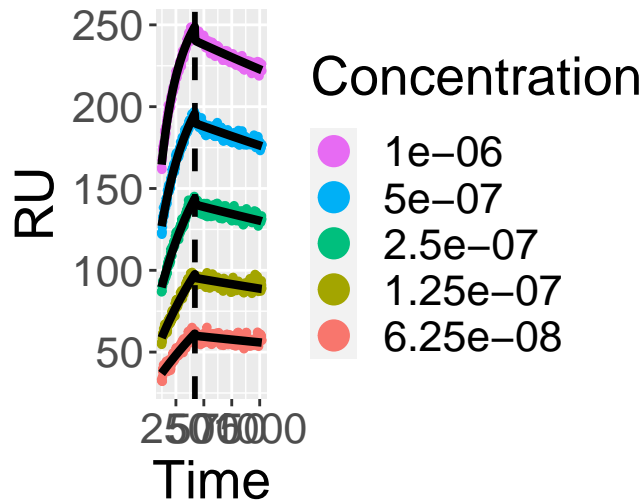


| | | |
|---------------|----------|----------|
| <i>ka1</i> | 1.70e+03 | 5.60e+01 |
| <i>ka2</i> | 8.74e-05 | 6.47e-06 |
| <i>kd1</i> | 1.42e-02 | 1.43e-03 |
| <i>kd2</i> | 1.29e-04 | 5.82e-06 |
| <i>Rmax 1</i> | 6.93e+02 | 1.91e+01 |
| <i>Rmax 2</i> | 6.21e+02 | 1.48e+01 |
| <i>Rmax 3</i> | 5.80e+02 | 1.13e+01 |
| <i>Rmax 4</i> | 5.78e+02 | 8.61e+00 |
| <i>Rmax 5</i> | 6.09e+02 | 6.51e+00 |
| <i>t0 1</i> | 3.85e+02 | 8.05e+00 |
| <i>t0 2</i> | 3.65e+02 | 5.89e+00 |
| <i>t0 3</i> | 3.21e+02 | 5.29e+00 |
| <i>t0 4</i> | 2.42e+02 | 4.96e+00 |

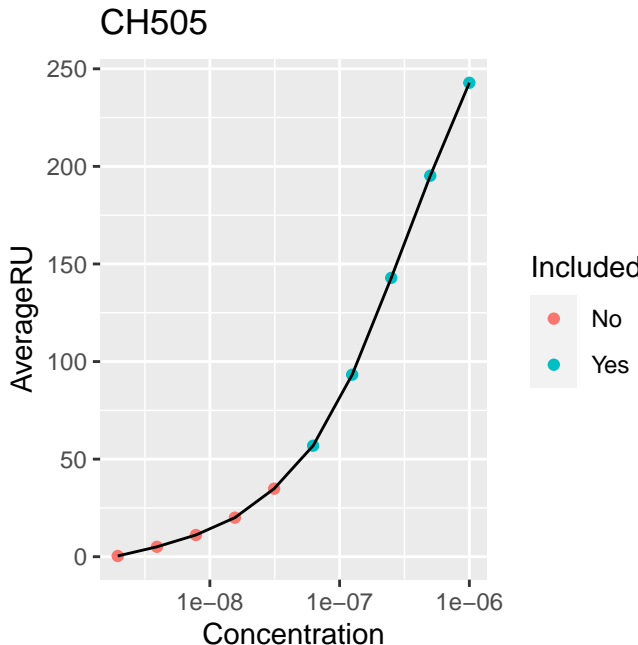
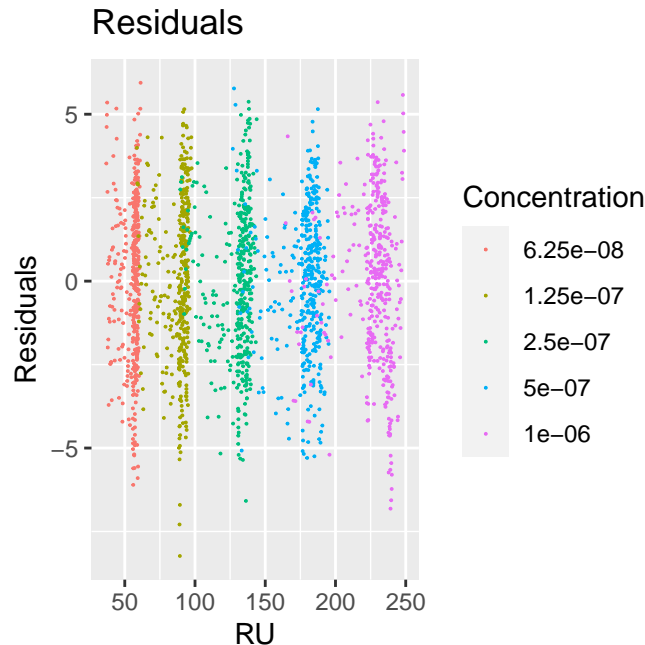


CH505

Bivalent Analyte Model-2 with Nominal Length of D

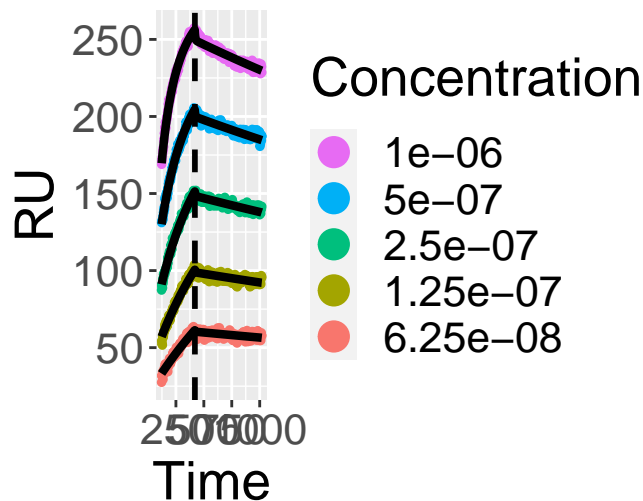


| | | |
|---------------|----------|----------|
| <i>ka1</i> | 1.18e+04 | 3.23e+03 |
| <i>ka2</i> | 1.23e-04 | 8.35e-06 |
| <i>kd1</i> | 9.91e-04 | 1.28e-01 |
| <i>kd2</i> | 6.88e-05 | 1.88e-06 |
| <i>Rmax 1</i> | 5.64e+02 | 1.65e+01 |
| <i>Rmax 2</i> | 5.71e+02 | 1.44e+01 |
| <i>Rmax 3</i> | 5.80e+02 | 1.19e+01 |
| <i>Rmax 4</i> | 6.03e+02 | 9.45e+00 |
| <i>Rmax 5</i> | 6.41e+02 | 7.33e+00 |
| <i>t0 1</i> | 3.29e+02 | 9.64e+00 |
| <i>t0 2</i> | 2.75e+02 | 6.81e+00 |
| <i>t0 3</i> | 2.29e+02 | 6.09e+00 |
| <i>t0 4</i> | 1.75e+02 | 5.61e+00 |



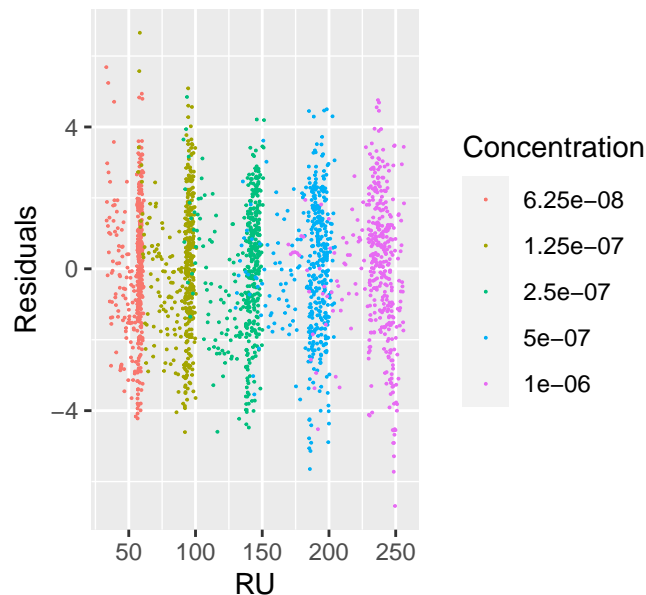
CH505

Bivalent Analyte Model-2 with Nominal Length of D

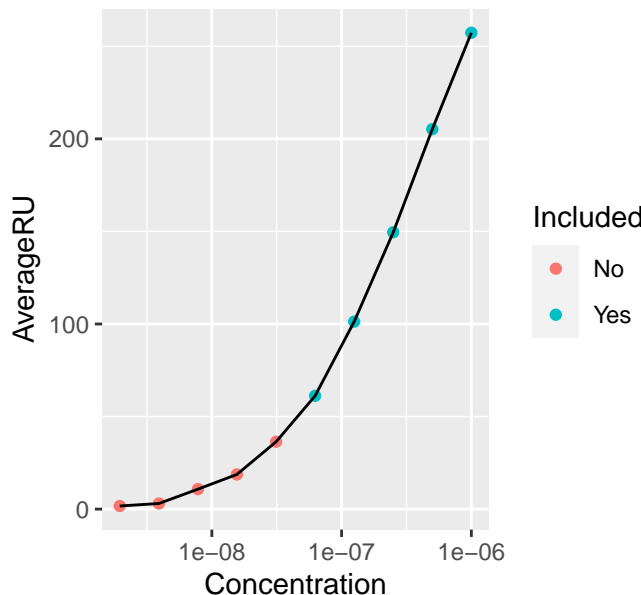


| | | |
|---------------|----------|----------|
| <i>ka1</i> | 6.55e+03 | 7.16e+02 |
| <i>ka2</i> | 1.73e-04 | 1.07e-05 |
| <i>kd1</i> | 1.83e-04 | 2.77e-02 |
| <i>kd2</i> | 7.81e-05 | 1.95e-06 |
| <i>Rmax 1</i> | 5.20e+02 | 9.99e+00 |
| <i>Rmax 2</i> | 5.27e+02 | 8.51e+00 |
| <i>Rmax 3</i> | 5.48e+02 | 6.99e+00 |
| <i>Rmax 4</i> | 5.77e+02 | 5.49e+00 |
| <i>Rmax 5</i> | 6.20e+02 | 4.14e+00 |
| <i>t0 1</i> | 2.61e+02 | 6.12e+00 |
| <i>t0 2</i> | 2.39e+02 | 4.83e+00 |
| <i>t0 3</i> | 2.02e+02 | 4.37e+00 |
| <i>t0 4</i> | 1.53e+02 | 3.76e+00 |

Residuals

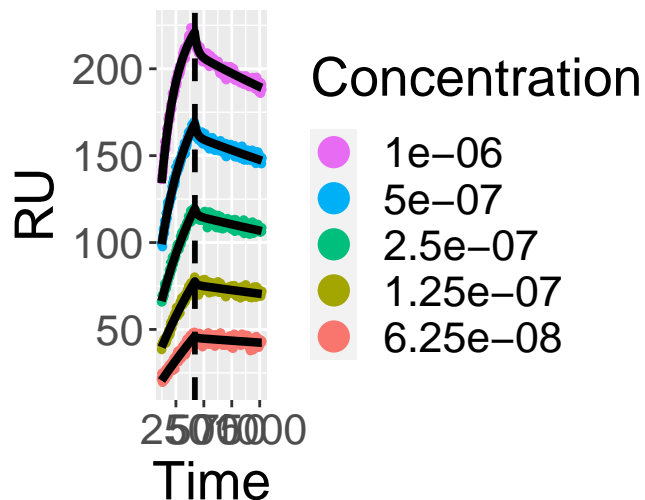


CH505



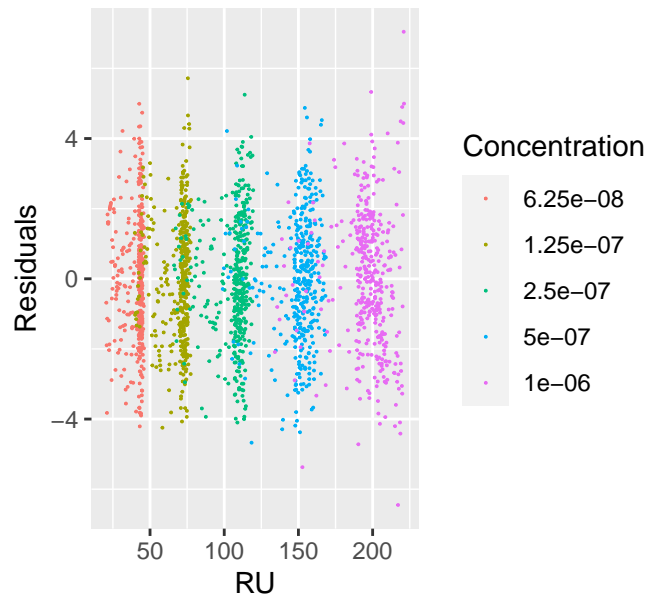
CH505

Bivalent Analyte Model-2 with Nominal Length of D

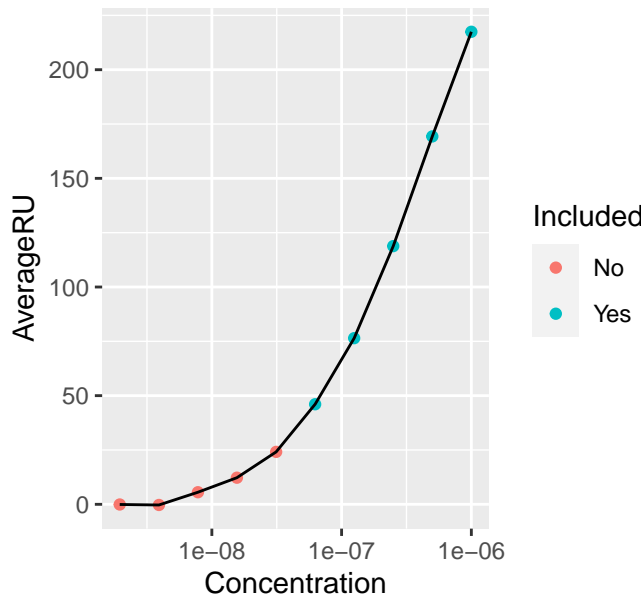


| | | |
|---------------|----------|----------|
| <i>ka1</i> | 2.82e+03 | 1.00e+02 |
| <i>ka2</i> | 8.47e-05 | 3.60e-06 |
| <i>kd1</i> | 9.14e-02 | 2.24e-03 |
| <i>kd2</i> | 1.15e-04 | 2.78e-06 |
| <i>Rmax 1</i> | 5.23e+02 | 1.08e+01 |
| <i>Rmax 2</i> | 4.93e+02 | 8.76e+00 |
| <i>Rmax 3</i> | 4.86e+02 | 7.09e+00 |
| <i>Rmax 4</i> | 5.03e+02 | 5.58e+00 |
| <i>Rmax 5</i> | 5.42e+02 | 4.28e+00 |
| <i>t0 1</i> | 1.93e+02 | 5.05e+00 |
| <i>t0 2</i> | 2.17e+02 | 3.86e+00 |
| <i>t0 3</i> | 2.01e+02 | 3.29e+00 |
| <i>t0 4</i> | 1.57e+02 | 2.97e+00 |

Residuals

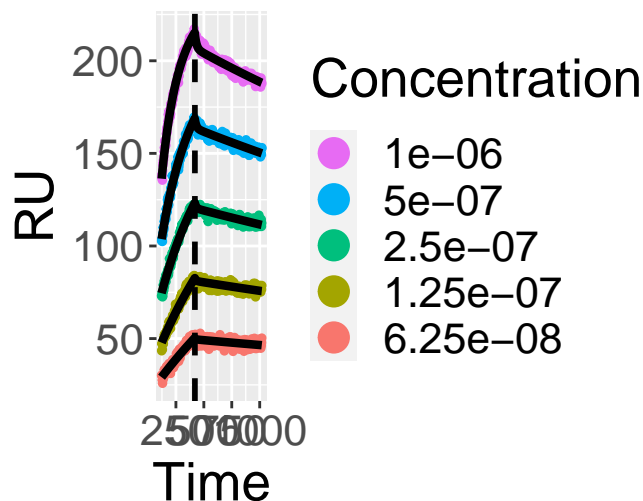


CH505

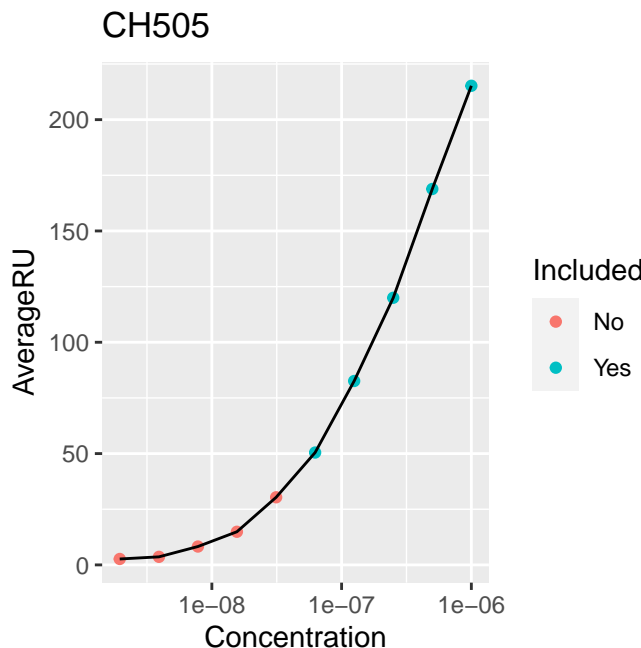
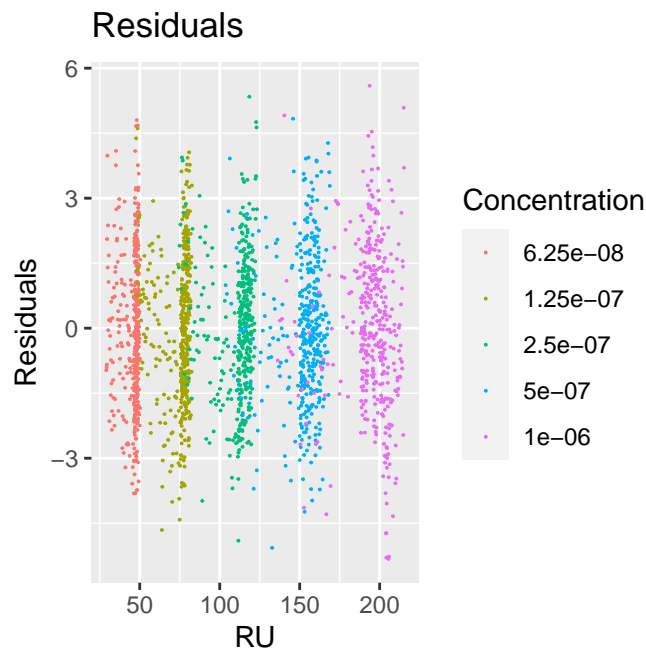


CH505

Bivalent Analyte Model-2 with Nominal Length of D

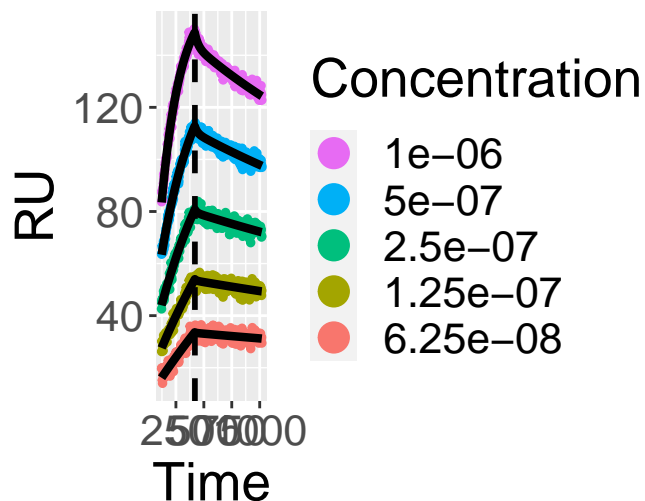


| | | |
|---------------|----------|----------|
| <i>ka1</i> | 3.07e+03 | 1.56e+02 |
| <i>ka2</i> | 1.23e-04 | 6.67e-06 |
| <i>kd1</i> | 9.19e-02 | 4.92e-03 |
| <i>kd2</i> | 1.05e-04 | 2.87e-06 |
| <i>Rmax 1</i> | 4.82e+02 | 1.06e+01 |
| <i>Rmax 2</i> | 4.85e+02 | 9.15e+00 |
| <i>Rmax 3</i> | 4.84e+02 | 7.43e+00 |
| <i>Rmax 4</i> | 5.01e+02 | 5.92e+00 |
| <i>Rmax 5</i> | 5.32e+02 | 4.47e+00 |
| <i>t0 1</i> | 3.21e+02 | 7.52e+00 |
| <i>t0 2</i> | 2.76e+02 | 4.97e+00 |
| <i>t0 3</i> | 2.38e+02 | 4.31e+00 |
| <i>t0 4</i> | 1.72e+02 | 3.69e+00 |



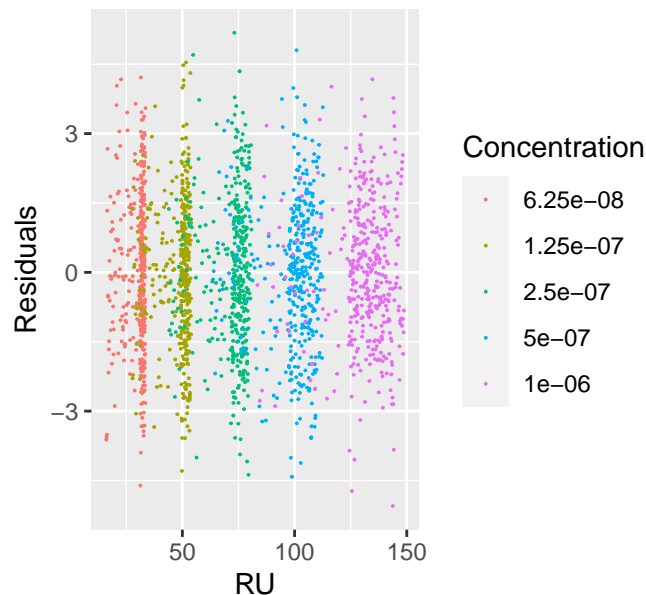
CH505

Bivalent Analyte Model-2 with Nominal Length of D

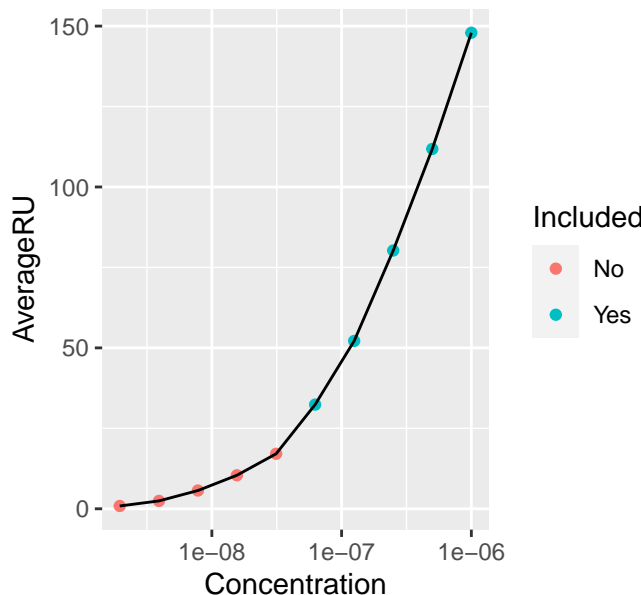


| | | |
|---------------|----------|------------|
| <i>ka1</i> | 1.69e+03 | 59.0049793 |
| <i>ka2</i> | 1.62e-04 | 0.0000150 |
| <i>kd1</i> | 1.04e-02 | 0.0022421 |
| <i>kd2</i> | 2.31e-04 | 0.0000109 |
| <i>Rmax 1</i> | 4.31e+02 | 12.7421452 |
| <i>Rmax 2</i> | 3.89e+02 | 10.2220127 |
| <i>Rmax 3</i> | 3.61e+02 | 8.0521401 |
| <i>Rmax 4</i> | 3.57e+02 | 6.2493675 |
| <i>Rmax 5</i> | 3.75e+02 | 4.7195566 |
| <i>t0 1</i> | 2.36e+02 | 6.9273216 |
| <i>t0 2</i> | 2.39e+02 | 4.8262976 |
| <i>t0 3</i> | 2.24e+02 | 4.0135763 |
| <i>t0 4</i> | 1.77e+02 | 3.6424801 |

Residuals

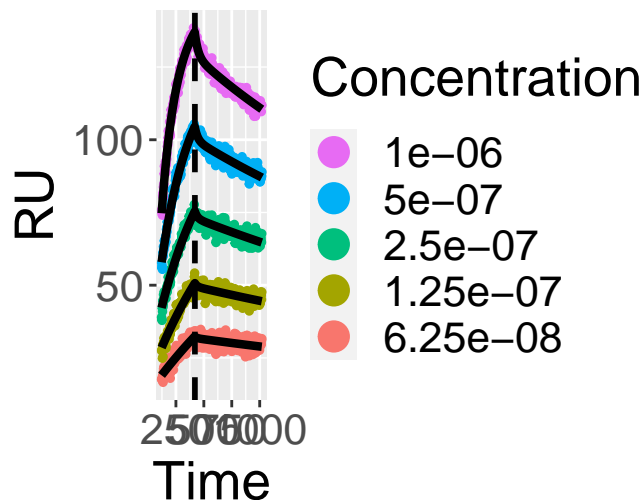


CH505



CH505

Bivalent Analyte Model-2 with Nominal Length of D



| | | |
|---------------|----------|----------|
| <i>ka1</i> | 2.47e+03 | 9.80e+01 |
| <i>ka2</i> | 1.31e-04 | 8.21e-06 |
| <i>kd1</i> | 2.34e-02 | 2.18e-03 |
| <i>kd2</i> | 2.00e-04 | 6.82e-06 |
| <i>Rmax 1</i> | 3.16e+02 | 8.70e+00 |
| <i>Rmax 2</i> | 3.10e+02 | 7.33e+00 |
| <i>Rmax 3</i> | 3.08e+02 | 6.06e+00 |
| <i>Rmax 4</i> | 3.16e+02 | 4.87e+00 |
| <i>Rmax 5</i> | 3.37e+02 | 3.79e+00 |
| <i>t0 1</i> | 3.30e+02 | 1.09e+01 |
| <i>t0 2</i> | 2.63e+02 | 6.23e+00 |
| <i>t0 3</i> | 2.07e+02 | 4.42e+00 |
| <i>t0 4</i> | 1.44e+02 | 3.47e+00 |

