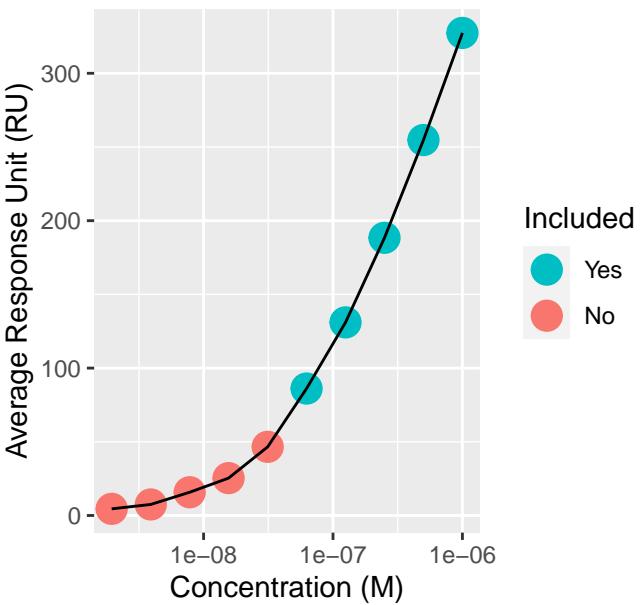
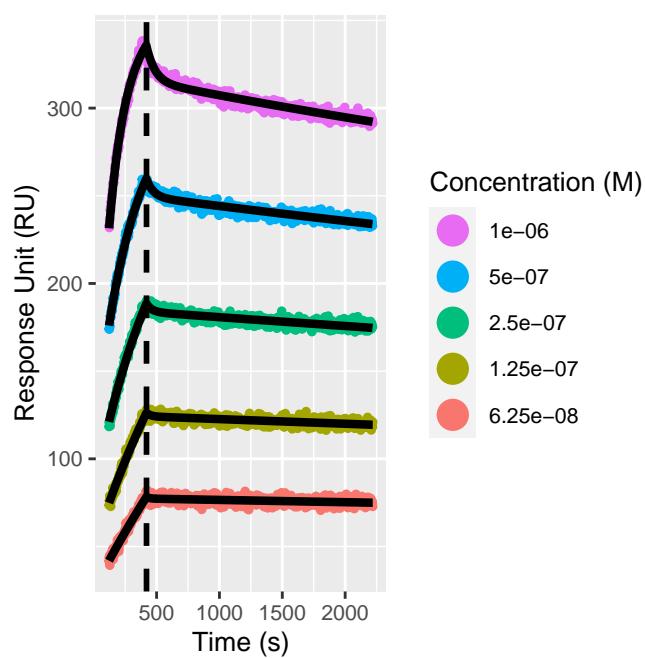


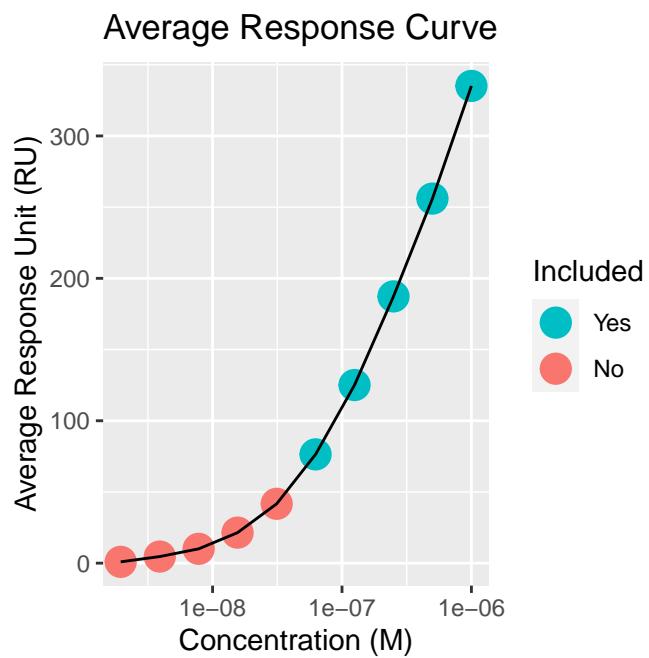
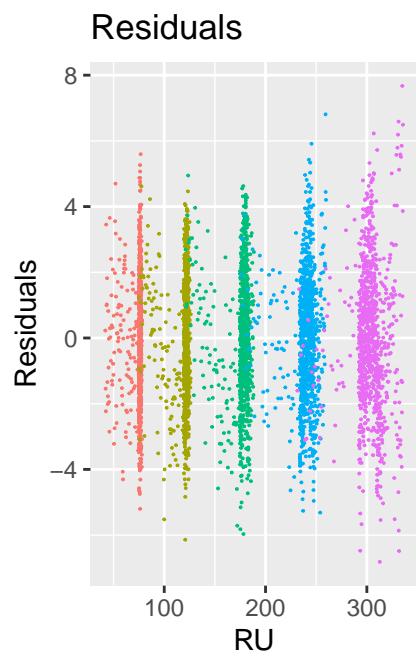
| | | |
|-------------|----------|----------|
| ka_1 | 1.55e+03 | 3.47e+01 |
| ka_2 | 4.08e-05 | 1.57e-06 |
| kd_1 | 5.02e-03 | 1.85e-04 |
| kd_2 | 5.96e-05 | 1.07e-06 |
| $R_{max} 1$ | 9.43e+02 | 2.06e+01 |
| $R_{max} 2$ | 7.86e+02 | 1.47e+01 |
| $R_{max} 3$ | 7.08e+02 | 1.04e+01 |
| $R_{max} 4$ | 6.91e+02 | 7.17e+00 |
| $R_{max} 5$ | 7.27e+02 | 4.90e+00 |
| $t_0 1$ | 2.80e+02 | 4.37e+00 |
| $t_0 2$ | 3.25e+02 | 3.52e+00 |
| $t_0 3$ | 3.12e+02 | 3.45e+00 |
| $t_0 4$ | 2.53e+02 | 3.80e+00 |

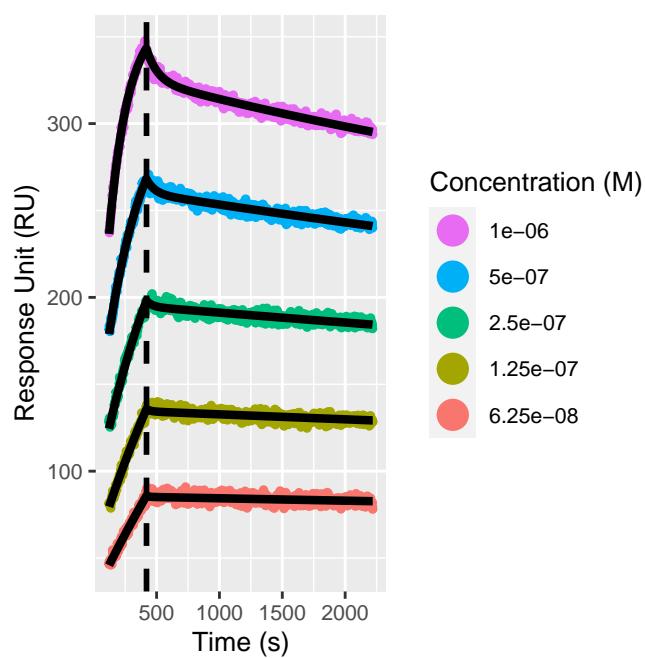
Average Response Curve



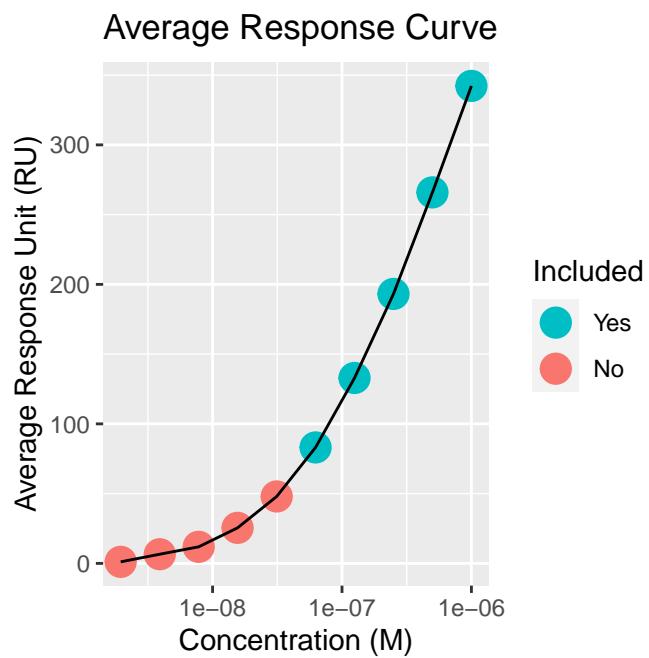
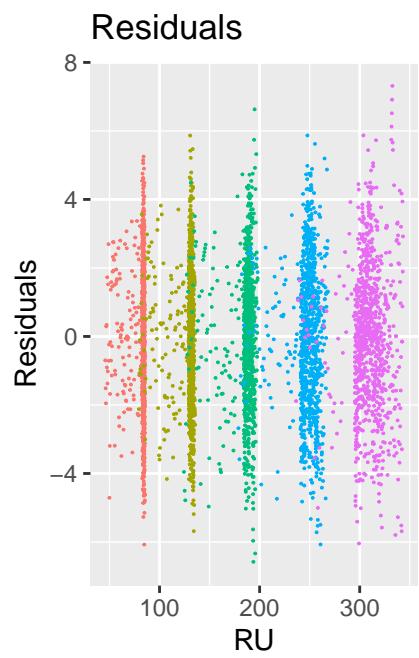


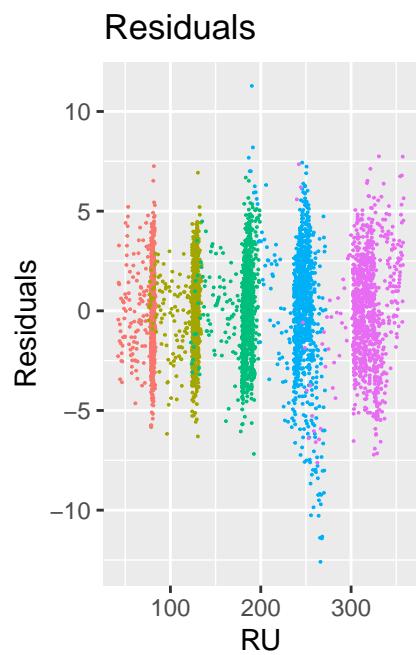
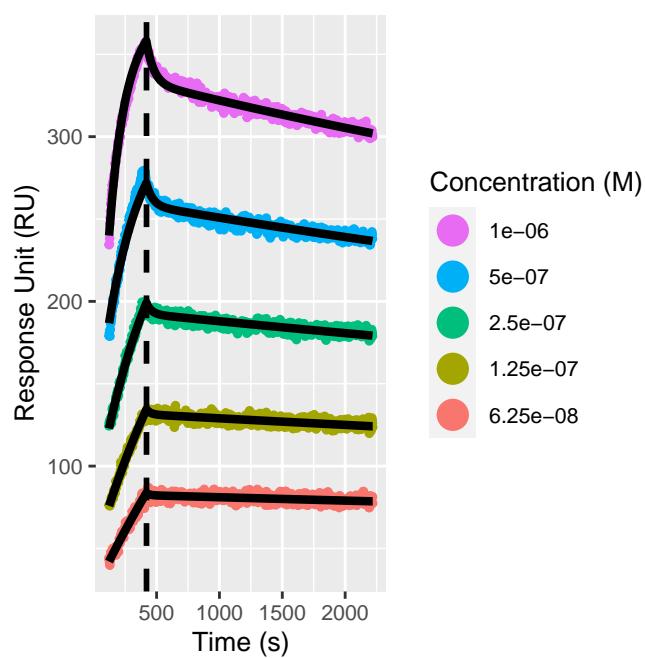
| | | |
|----------|----------|----------|
| $ka1$ | 2.00e+03 | 3.47e+01 |
| $ka2$ | 5.07e-05 | 1.48e-06 |
| $kd1$ | 8.98e-03 | 3.03e-04 |
| $kd2$ | 3.76e-05 | 5.66e-07 |
| $Rmax$ 1 | 7.47e+02 | 1.21e+01 |
| $Rmax$ 2 | 6.75e+02 | 9.20e+00 |
| $Rmax$ 3 | 6.50e+02 | 6.83e+00 |
| $Rmax$ 4 | 6.77e+02 | 4.97e+00 |
| $Rmax$ 5 | 7.43e+02 | 3.60e+00 |
| $t0$ 1 | 2.91e+02 | 4.21e+00 |
| $t0$ 2 | 3.15e+02 | 3.20e+00 |
| $t0$ 3 | 2.98e+02 | 3.03e+00 |
| $t0$ 4 | 2.31e+02 | 3.03e+00 |





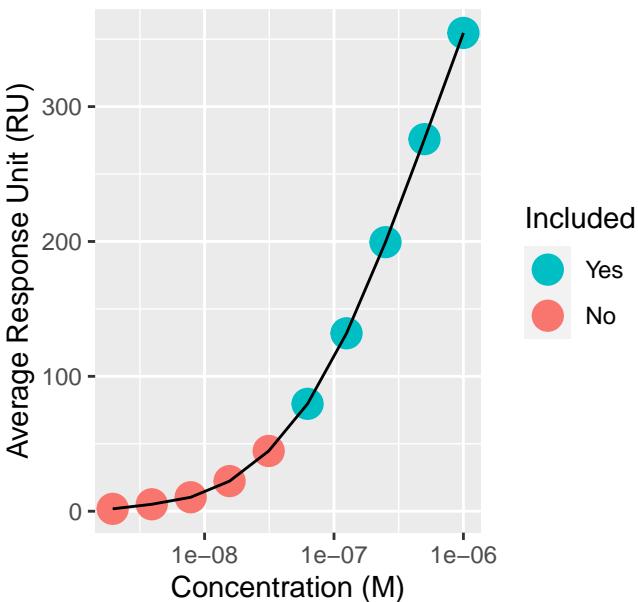
| | | |
|-------------|-----------------------|-----------------------|
| $ka1$ | 1.74×10^3 | 3.17×10^1 |
| $ka2$ | 5.12×10^{-5} | 1.77×10^{-6} |
| $kd1$ | 5.98×10^{-3} | 2.11×10^{-4} |
| $kd2$ | 5.63×10^{-5} | 9.69×10^{-7} |
| $R_{max} 1$ | 8.49×10^2 | 1.51×10^1 |
| $R_{max} 2$ | 7.45×10^2 | 1.11×10^1 |
| $R_{max} 3$ | 6.93×10^2 | 8.00×10^0 |
| $R_{max} 4$ | 6.96×10^2 | 5.54×10^0 |
| $R_{max} 5$ | 7.49×10^2 | 3.77×10^0 |
| $t_0 1$ | 2.97×10^2 | 4.11×10^0 |
| $t_0 2$ | 3.18×10^2 | 3.06×10^0 |
| $t_0 3$ | 2.98×10^2 | 2.93×10^0 |
| $t_0 4$ | 2.39×10^2 | 3.15×10^0 |

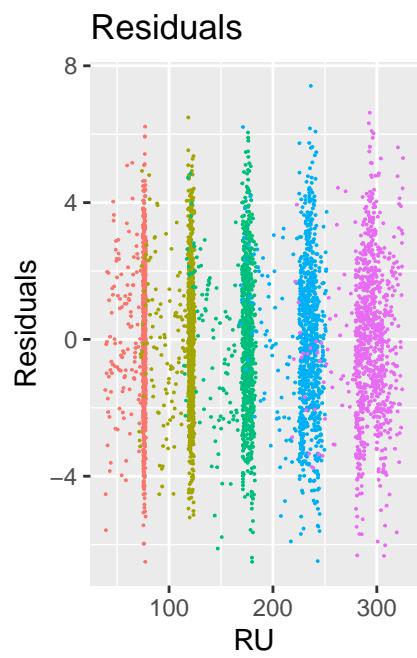
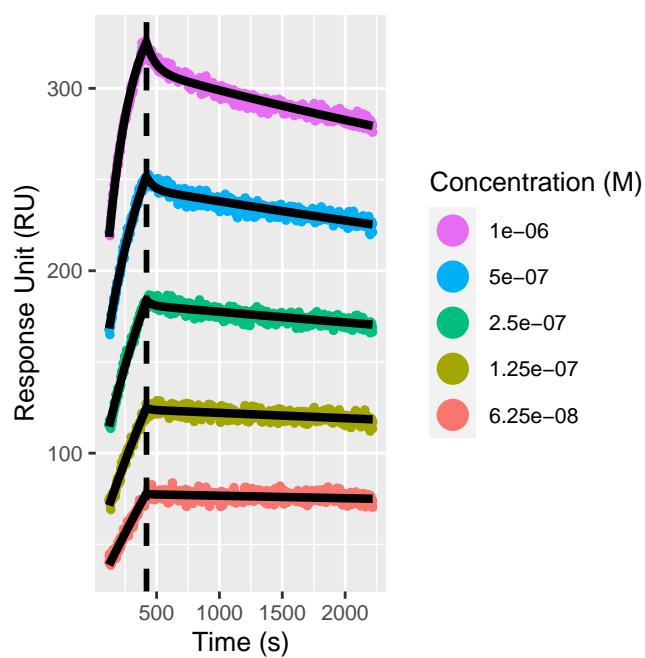




| | | |
|----------|----------|----------|
| $ka1$ | 2.32e+03 | 4.56e+01 |
| $ka2$ | 4.34e-05 | 1.31e-06 |
| $kd1$ | 1.13e-02 | 3.98e-04 |
| $kd2$ | 4.42e-05 | 6.35e-07 |
| $Rmax$ 1 | 7.99e+02 | 1.40e+01 |
| $Rmax$ 2 | 7.24e+02 | 1.07e+01 |
| $Rmax$ 3 | 6.96e+02 | 7.96e+00 |
| $Rmax$ 4 | 7.09e+02 | 5.58e+00 |
| $Rmax$ 5 | 8.00e+02 | 4.32e+00 |
| $t0$ 1 | 2.50e+02 | 4.41e+00 |
| $t0$ 2 | 2.73e+02 | 3.41e+00 |
| $t0$ 3 | 2.58e+02 | 3.18e+00 |
| $t0$ 4 | 2.22e+02 | 3.38e+00 |

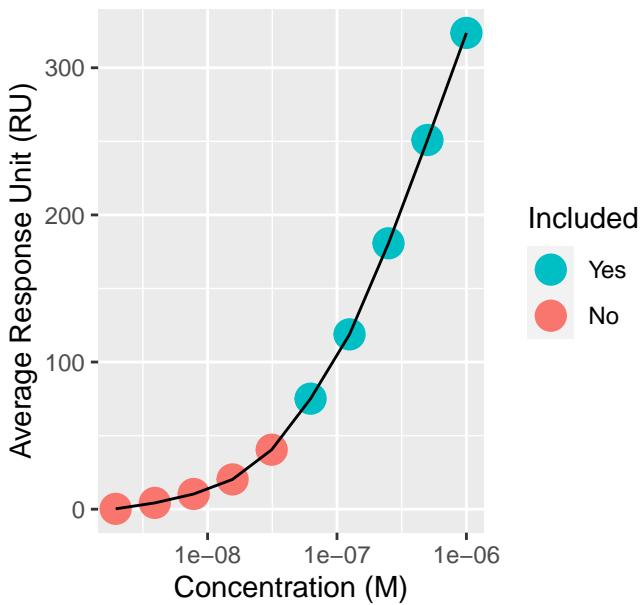
Average Response Curve

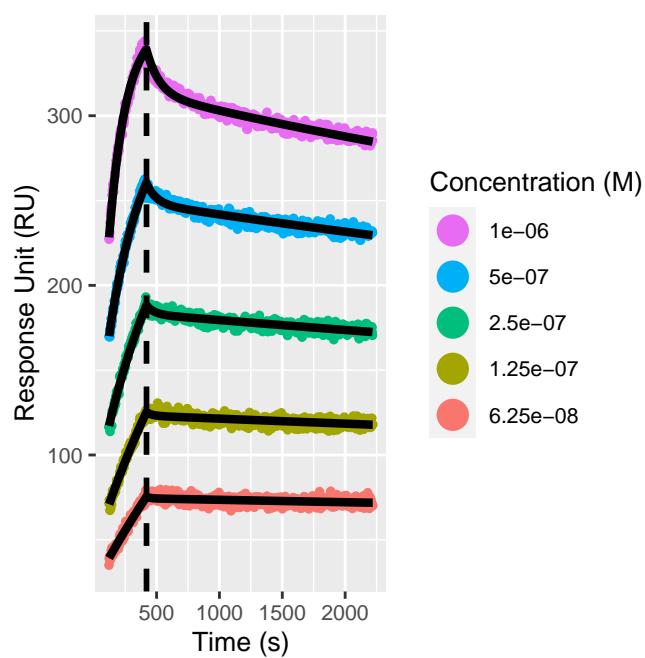




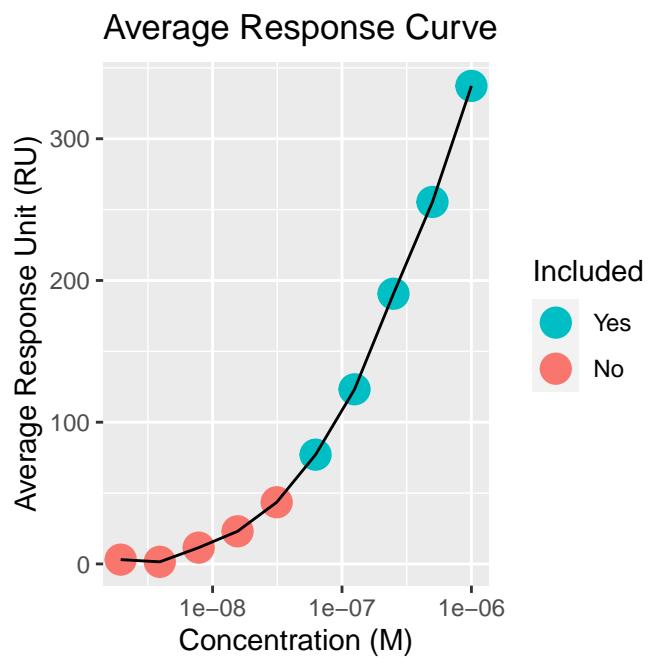
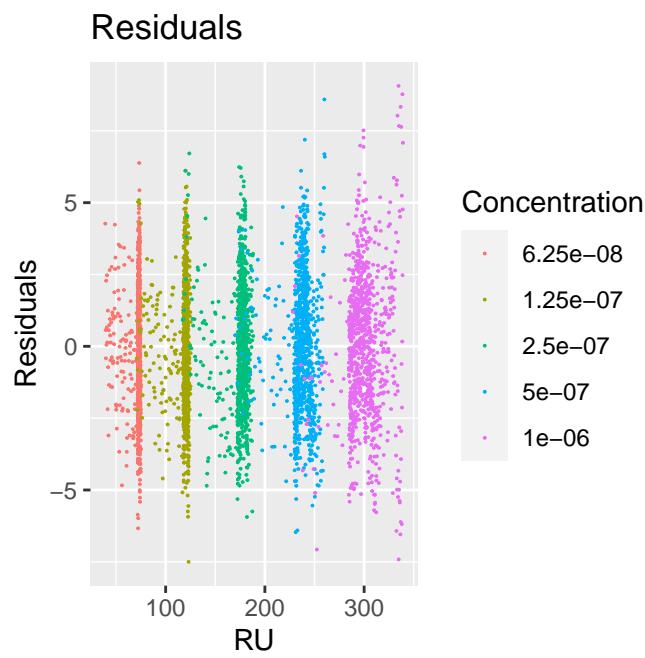
| | | |
|----------|----------|----------|
| $ka1$ | 1.40e+03 | 3.36e+01 |
| $ka2$ | 4.78e-05 | 2.11e-06 |
| $kd1$ | 6.82e-03 | 3.11e-04 |
| $kd2$ | 6.24e-05 | 1.29e-06 |
| $Rmax$ 1 | 9.98e+02 | 2.33e+01 |
| $Rmax$ 2 | 8.31e+02 | 1.69e+01 |
| $Rmax$ 3 | 7.39e+02 | 1.20e+01 |
| $Rmax$ 4 | 7.15e+02 | 8.31e+00 |
| $Rmax$ 5 | 7.55e+02 | 5.86e+00 |
| $t0$ 1 | 2.62e+02 | 4.22e+00 |
| $t0$ 2 | 3.15e+02 | 3.45e+00 |
| $t0$ 3 | 3.17e+02 | 3.52e+00 |
| $t0$ 4 | 2.73e+02 | 4.12e+00 |

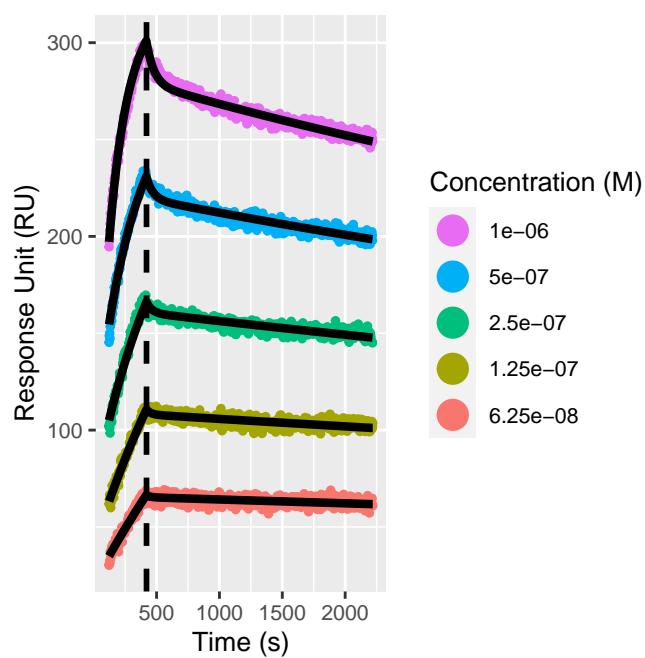
Average Response Curve



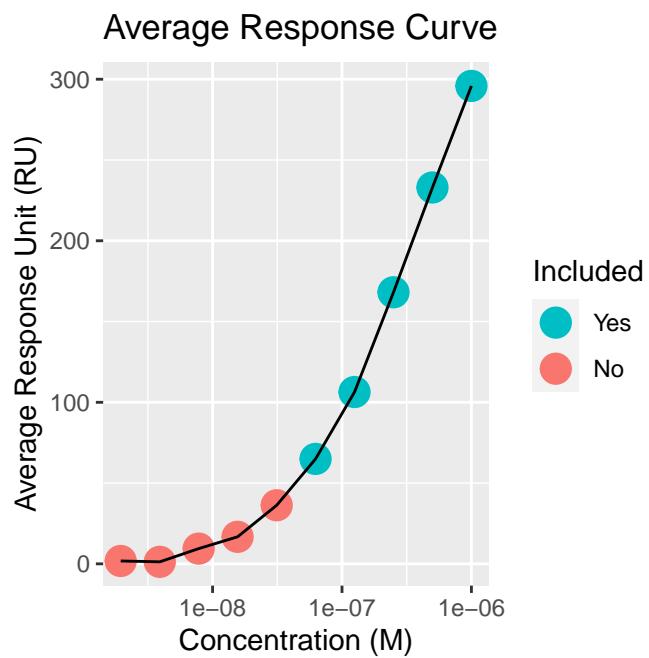
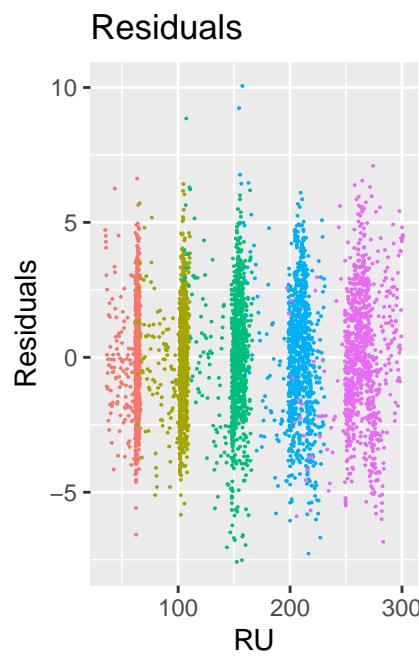


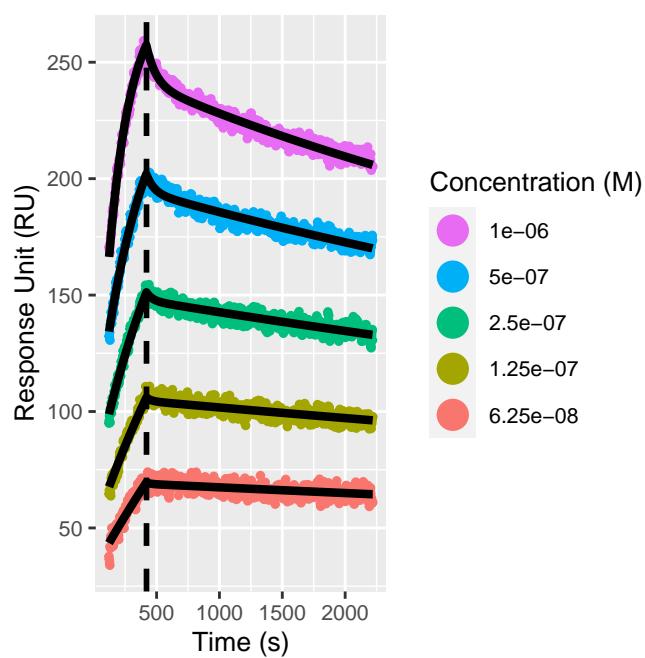
| | | |
|-------------|-----------------------|-----------------------|
| ka_1 | 1.93×10^3 | 3.31×10^1 |
| ka_2 | 4.08×10^{-5} | 1.21×10^{-6} |
| kd_1 | 5.51×10^{-3} | 1.65×10^{-4} |
| kd_2 | 5.24×10^{-5} | 7.77×10^{-7} |
| $R_{max} 1$ | 7.29×10^2 | 1.28×10^1 |
| $R_{max} 2$ | 6.79×10^2 | 9.96×10^0 |
| $R_{max} 3$ | 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 |



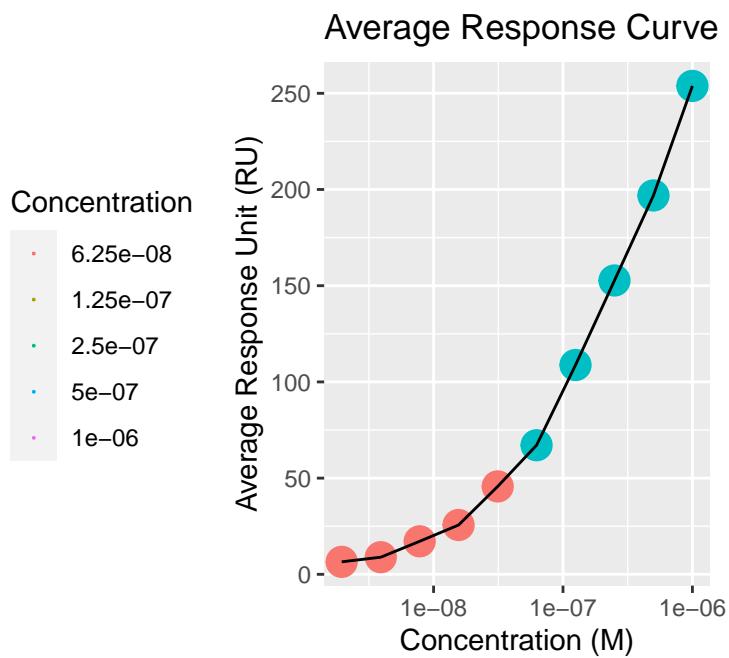
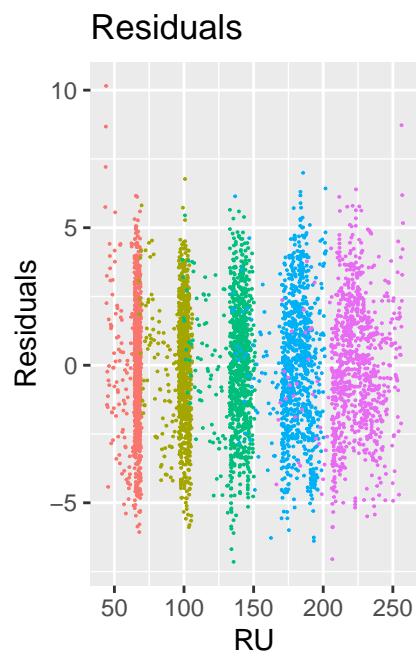


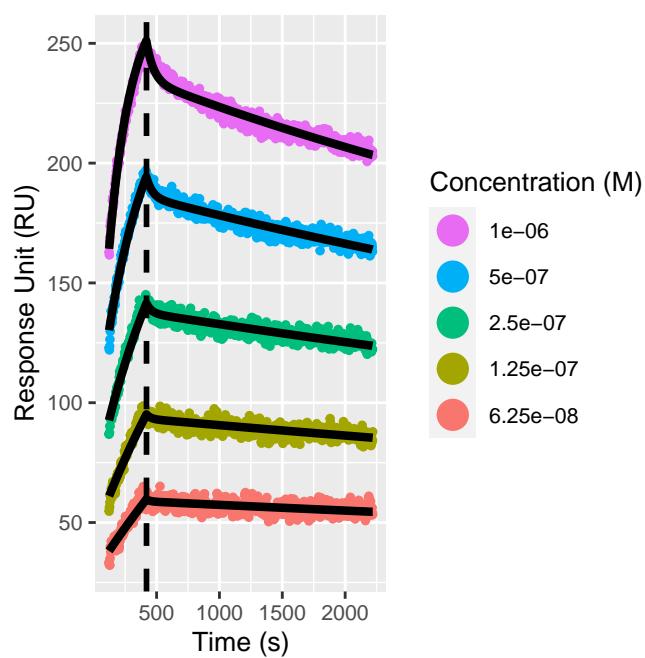
| | | |
|-------------|----------|----------|
| ka_1 | 1.99e+03 | 4.42e+01 |
| ka_2 | 4.42e-05 | 1.51e-06 |
| kd_1 | 1.06e-02 | 3.96e-04 |
| kd_2 | 5.35e-05 | 8.07e-07 |
| $R_{max} 1$ | 7.03e+02 | 1.47e+01 |
| $R_{max} 2$ | 6.56e+02 | 1.16e+01 |
| $R_{max} 3$ | 6.19e+02 | 8.63e+00 |
| $R_{max} 4$ | 6.36e+02 | 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 |



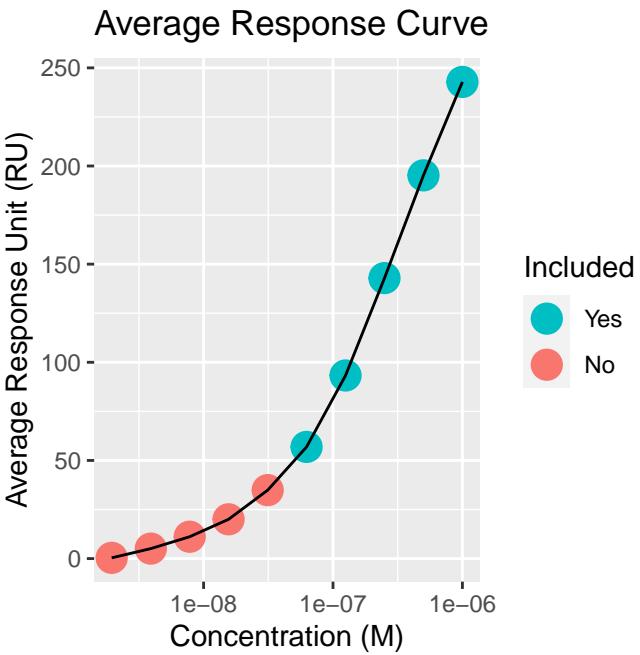
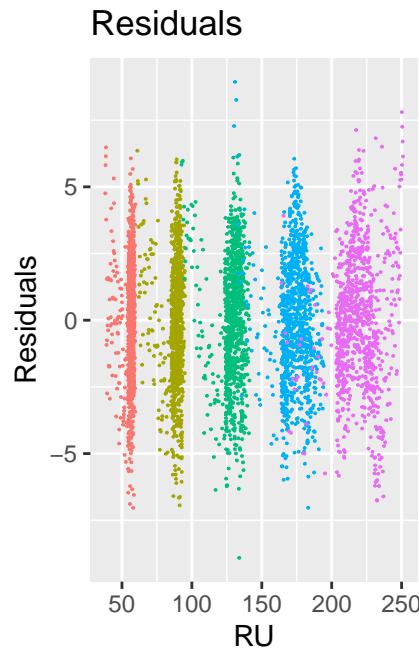


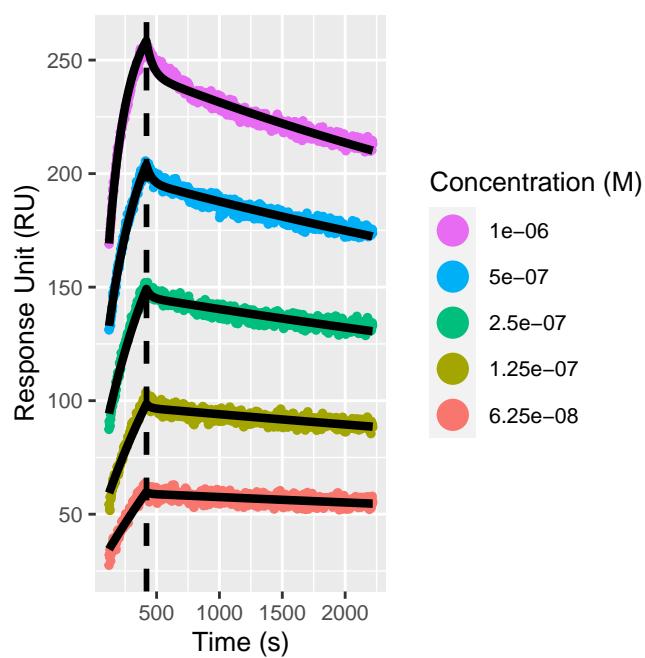
| | | |
|-----------|------------|------------|
| $ka1$ | $1.58e+03$ | $4.42e+01$ |
| $ka2$ | $5.02e-05$ | $2.45e-06$ |
| $kd1$ | $7.18e-03$ | $3.19e-04$ |
| $kd2$ | $8.99e-05$ | $1.85e-06$ |
| $Rmax\ 1$ | $6.79e+02$ | $1.85e+01$ |
| $Rmax\ 2$ | $6.13e+02$ | $1.42e+01$ |
| $Rmax\ 3$ | $5.74e+02$ | $1.06e+01$ |
| $Rmax\ 4$ | $5.68e+02$ | $7.69e+00$ |
| $Rmax\ 5$ | $5.96e+02$ | $5.62e+00$ |
| $t0\ 1$ | $4.22e+02$ | $8.31e+00$ |
| $t0\ 2$ | $3.91e+02$ | $5.59e+00$ |
| $t0\ 3$ | $3.37e+02$ | $4.83e+00$ |
| $t0\ 4$ | $2.52e+02$ | $4.73e+00$ |



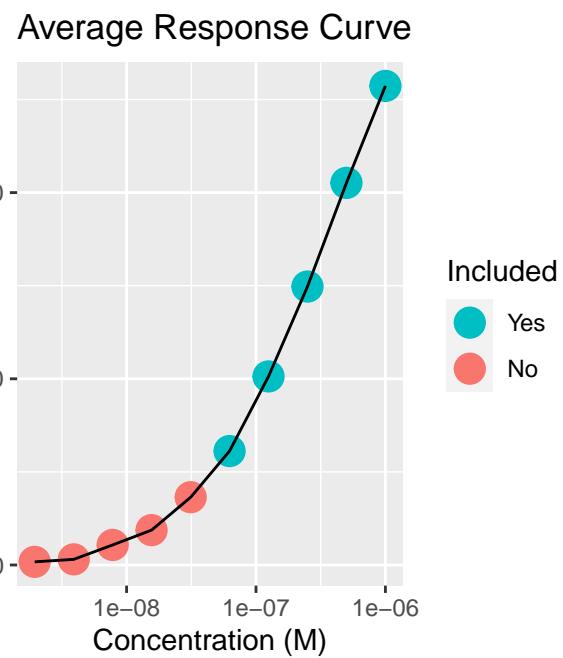
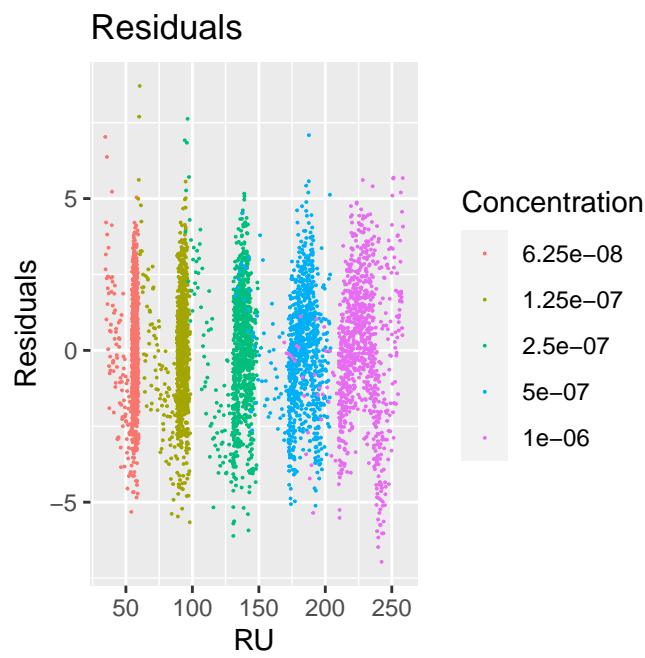


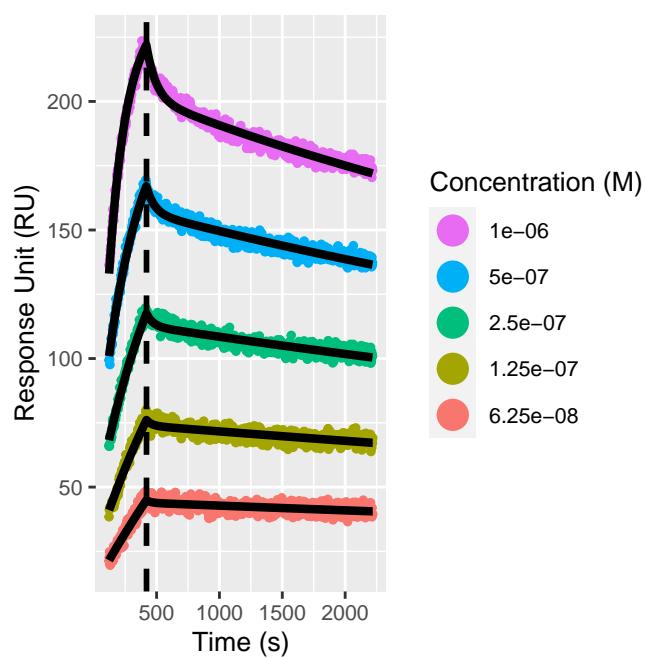
| | | |
|-------------|-----------------------|-----------------------|
| ka_1 | 1.72×10^3 | 5.47×10^1 |
| ka_2 | 5.20×10^{-5} | 2.61×10^{-6} |
| kd_1 | 1.07×10^{-2} | 5.44×10^{-4} |
| kd_2 | 7.08×10^{-5} | 1.46×10^{-6} |
| $R_{max} 1$ | 5.87×10^2 | 1.76×10^1 |
| $R_{max} 2$ | 5.64×10^2 | 1.44×10^1 |
| $R_{max} 3$ | 5.52×10^2 | 1.13×10^1 |
| $R_{max} 4$ | 5.61×10^2 | 8.47×10^0 |
| $R_{max} 5$ | 5.98×10^2 | 6.40×10^0 |
| $t_0 1$ | 4.38×10^2 | 1.06×10^1 |
| $t_0 2$ | 3.90×10^2 | 6.65×10^0 |
| $t_0 3$ | 3.31×10^2 | 5.50×10^0 |
| $t_0 4$ | 2.50×10^2 | 5.33×10^0 |



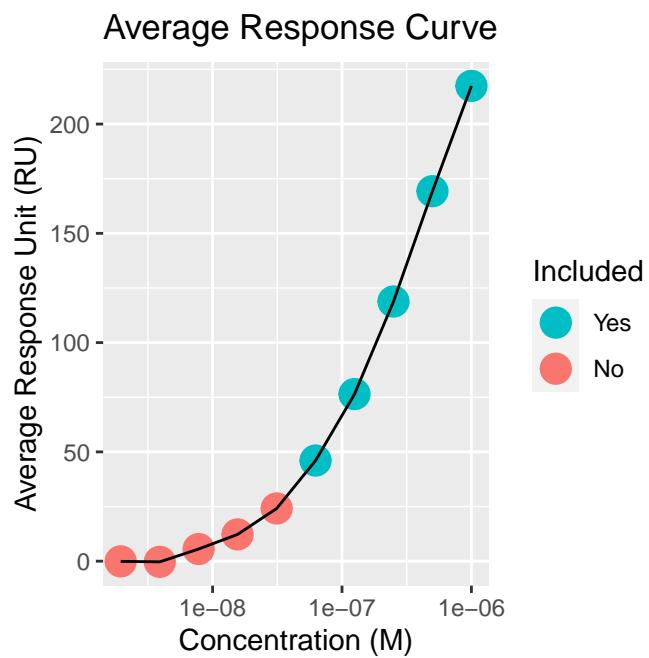
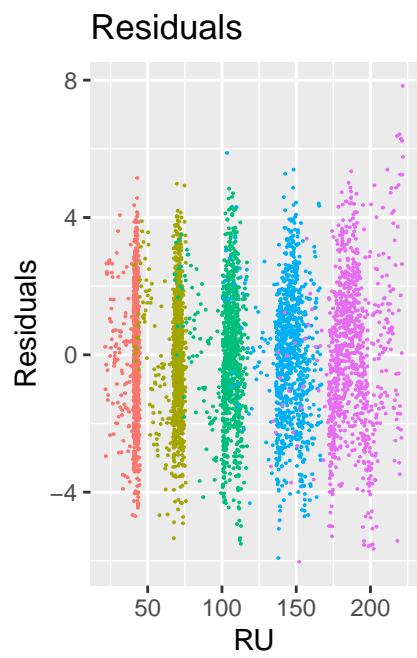


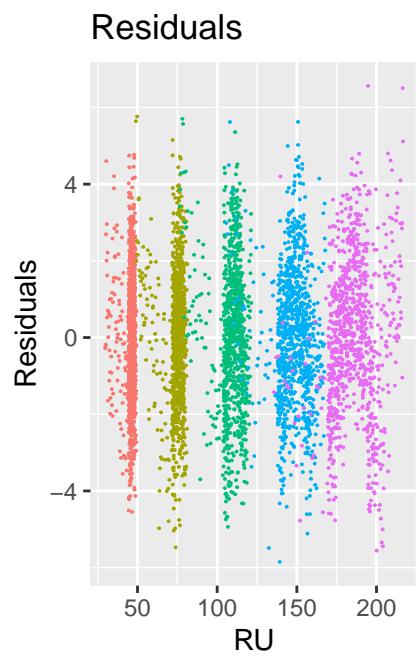
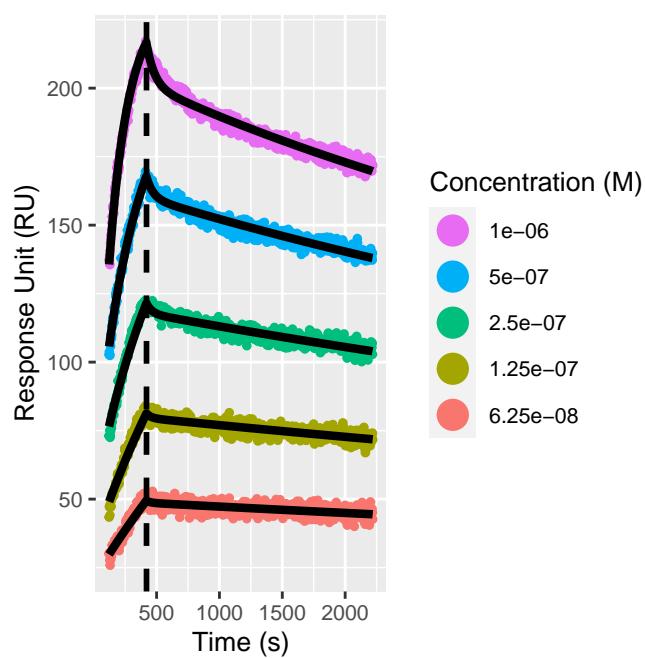
| | | |
|----------|----------|----------|
| $ka1$ | 2.15e+03 | 4.80e+01 |
| $ka2$ | 6.97e-05 | 2.74e-06 |
| $kd1$ | 1.25e-02 | 5.13e-04 |
| $kd2$ | 7.21e-05 | 1.24e-06 |
| $Rmax$ 1 | 5.44e+02 | 1.11e+01 |
| $Rmax$ 2 | 5.28e+02 | 8.98e+00 |
| $Rmax$ 3 | 5.28e+02 | 6.94e+00 |
| $Rmax$ 4 | 5.48e+02 | 5.15e+00 |
| $Rmax$ 5 | 5.88e+02 | 3.73e+00 |
| $t0$ 1 | 3.36e+02 | 6.60e+00 |
| $t0$ 2 | 3.20e+02 | 4.36e+00 |
| $t0$ 3 | 2.80e+02 | 3.73e+00 |
| $t0$ 4 | 2.07e+02 | 3.47e+00 |





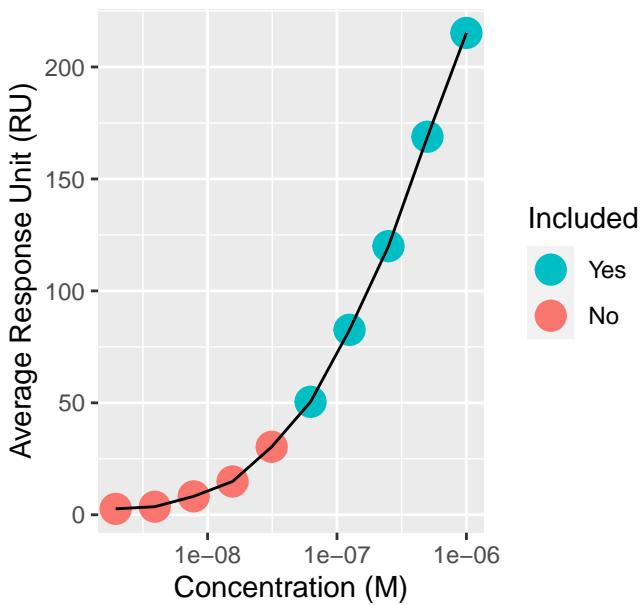
| | | |
|-------------|-----------------------|-----------------------|
| $ka1$ | 1.97×10^3 | 3.97×10^1 |
| $ka2$ | 4.94×10^{-5} | 1.63×10^{-6} |
| $kd1$ | 7.83×10^{-3} | 2.66×10^{-4} |
| $kd2$ | 8.06×10^{-5} | 1.18×10^{-6} |
| $R_{max} 1$ | 5.04×10^2 | 1.08×10^1 |
| $R_{max} 2$ | 4.66×10^2 | 8.46×10^0 |
| $R_{max} 3$ | 4.51×10^2 | 6.54×10^0 |
| $R_{max} 4$ | 4.65×10^2 | 4.95×10^0 |
| $R_{max} 5$ | 5.04×10^2 | 3.71×10^0 |
| $t_0 1$ | 2.30×10^2 | 5.74×10^0 |
| $t_0 2$ | 2.55×10^2 | 3.94×10^0 |
| $t_0 3$ | 2.39×10^2 | 3.09×10^0 |
| $t_0 4$ | 1.82×10^2 | 2.81×10^0 |

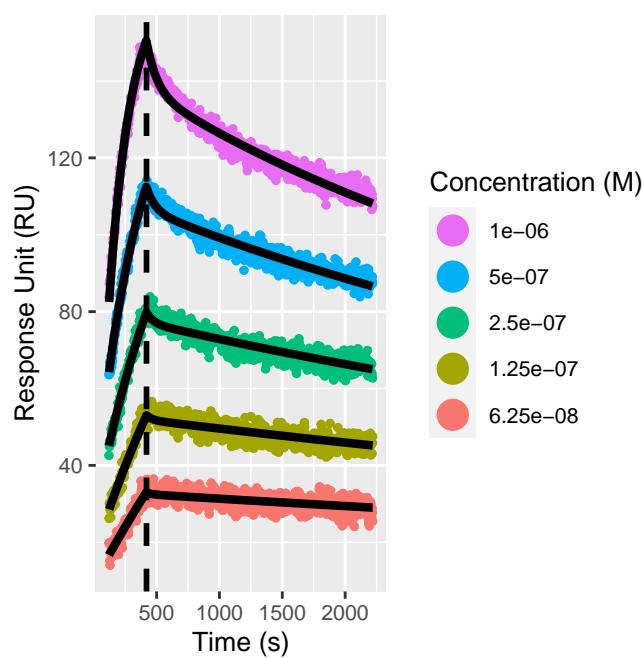




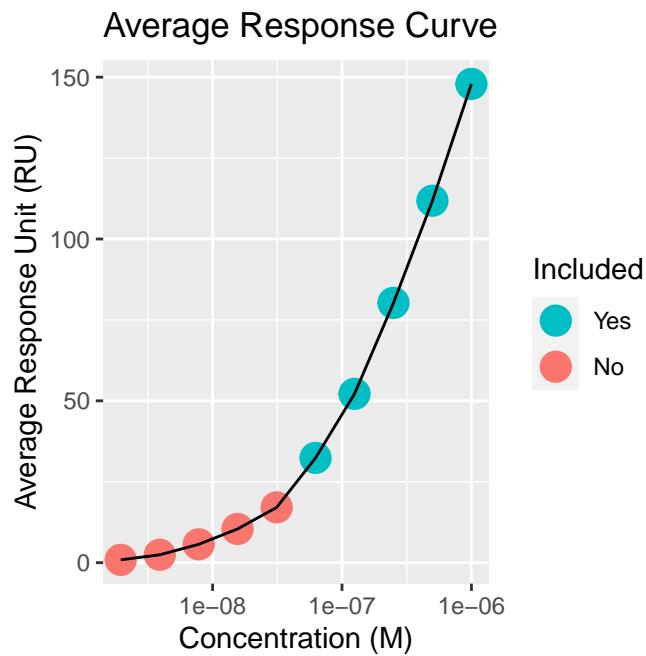
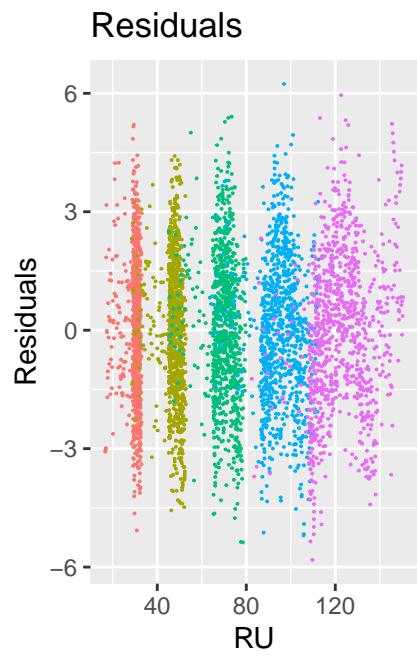
| | | |
|-------------|-----------------------|-----------------------|
| $ka1$ | 1.87×10^3 | 4.34×10^1 |
| $ka2$ | 6.17×10^{-5} | 2.45×10^{-6} |
| $kd1$ | 9.53×10^{-3} | 3.76×10^{-4} |
| $kd2$ | 8.85×10^{-5} | 1.51×10^{-6} |
| $R_{max} 1$ | 4.78×10^2 | 1.10×10^1 |
| $R_{max} 2$ | 4.71×10^2 | 9.11×10^0 |
| $R_{max} 3$ | 4.57×10^2 | 7.00×10^0 |
| $R_{max} 4$ | 4.72×10^2 | 5.36×10^0 |
| $R_{max} 5$ | 5.02×10^2 | 3.93×10^0 |
| $t_0 1$ | 3.74×10^2 | 8.10×10^0 |
| $t_0 2$ | 3.29×10^2 | 4.75×10^0 |
| $t_0 3$ | 2.91×10^2 | 3.90×10^0 |
| $t_0 4$ | 2.06×10^2 | 3.45×10^0 |

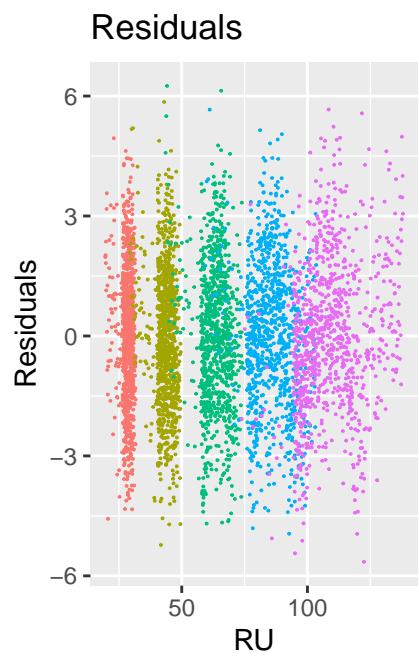
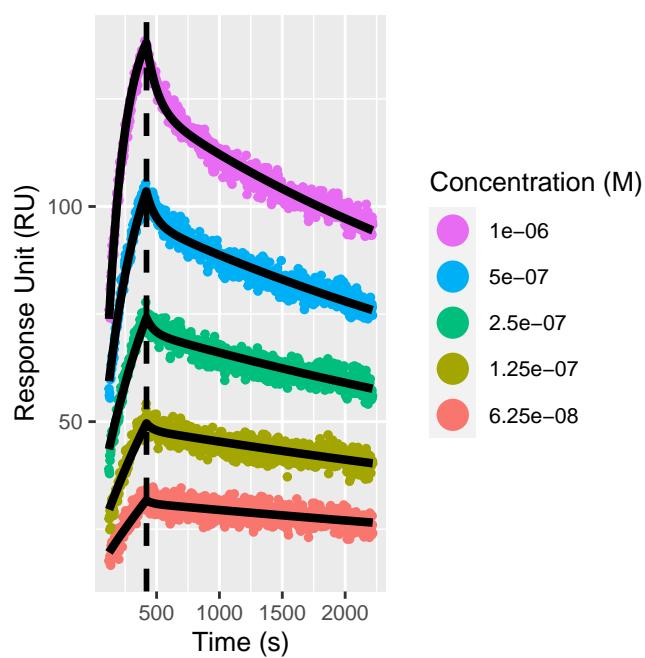
Average Response Curve





| | | |
|-------------|-----------------------|-----------------------|
| ka_1 | 1.52×10^3 | 4.57×10^1 |
| ka_2 | 6.18×10^{-5} | 3.23×10^{-6} |
| kd_1 | 6.29×10^{-3} | 2.96×10^{-4} |
| kd_2 | 1.45×10^{-4} | 3.16×10^{-6} |
| $R_{max} 1$ | 4.24×10^2 | 1.36×10^1 |
| $R_{max} 2$ | 3.77×10^2 | 1.06×10^1 |
| $R_{max} 3$ | 3.48×10^2 | 8.13×10^0 |
| $R_{max} 4$ | 3.44×10^2 | 6.16×10^0 |
| $R_{max} 5$ | 3.60×10^2 | 4.60×10^0 |
| $t_0 1$ | 2.61×10^2 | 7.97×10^0 |
| $t_0 2$ | 2.67×10^2 | 5.27×10^0 |
| $t_0 3$ | 2.46×10^2 | 4.02×10^0 |
| $t_0 4$ | 1.87×10^2 | 3.63×10^0 |





| | | |
|----------|------------|------------|
| $ka1$ | $1.93e+03$ | $5.03e+01$ |
| $ka2$ | $6.71e-05$ | $3.03e-06$ |
| $kd1$ | $6.70e-03$ | $2.85e-04$ |
| $kd2$ | $1.48e-04$ | $2.92e-06$ |
| $Rmax$ 1 | $2.97e+02$ | $8.70e+00$ |
| $Rmax$ 2 | $2.90e+02$ | $7.15e+00$ |
| $Rmax$ 3 | $2.86e+02$ | $5.75e+00$ |
| $Rmax$ 4 | $2.94e+02$ | $4.50e+00$ |
| $Rmax$ 5 | $3.14e+02$ | $3.46e+00$ |
| $t0$ 1 | $3.87e+02$ | $1.21e+01$ |
| $t0$ 2 | $3.11e+02$ | $6.50e+00$ |
| $t0$ 3 | $2.43e+02$ | $4.23e+00$ |
| $t0$ 4 | $1.65e+02$ | $3.31e+00$ |

