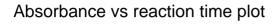
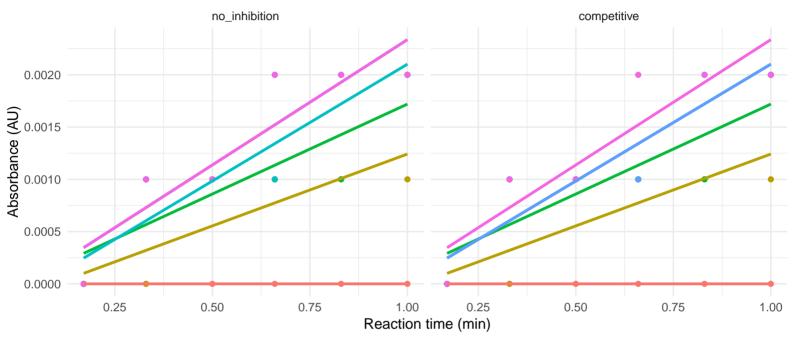
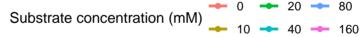
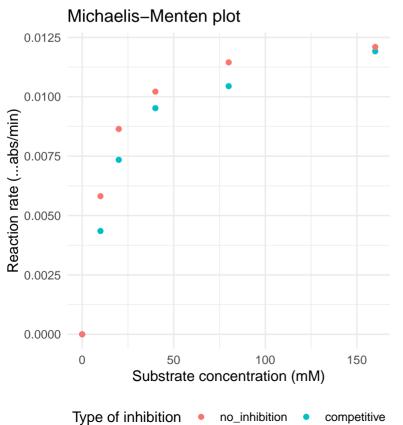
student	U01_FIRSTNAME1
substrate	hexanol
enzyme concentration	0.002

inhibition_type	estimated_Km	estimated_Vmax
competitive	15.20	0.0127
no_inhibition	7.26	0.0123









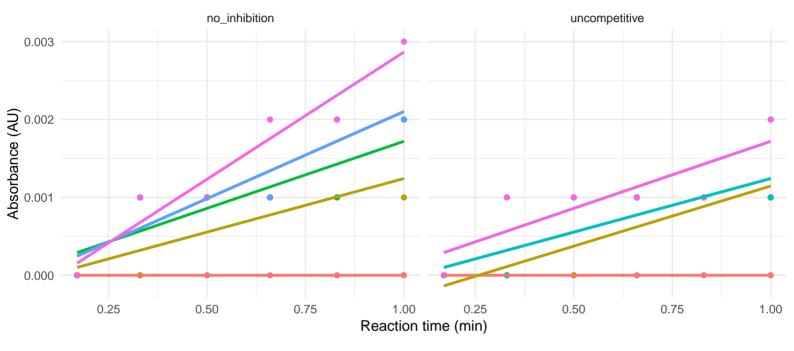
Lineweaver–Burke plot $y = 74.9 + 1.08 \times 10^{+3} \text{ x, } R^2 = 1.00$ $y = 71 + 1.56 \times 10^{+3} \text{ x, } R^2 = 0.99$ 150 0 0Reciprocal substrate concentration (mM)

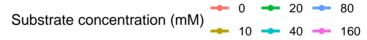
Type of inhibition → no_inhibition → competitive

student	U02_FIRSTNAME2
substrate	ethanol
enzyme concentration	9.8e-05

inhibition_type	estimated_Km	estimated_Vmax
uncompetitive	9.22	0.00787
no_inhibition	21.70	0.01390

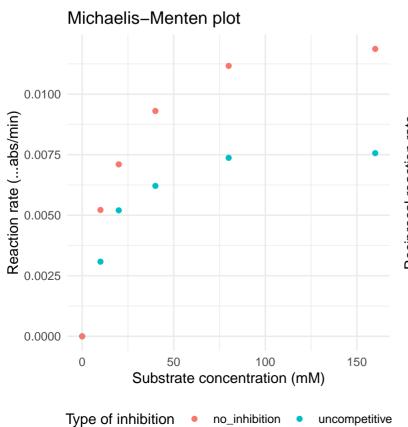
Absorbance vs reaction time plot





50

-0.05



$y = 77.4 + 1.05 \times 10^{+3} x, R^2 = 1.00$ $y = 130 + 947 x, R^2 = 1.00$ 150 y = 100

0.00

Reciprocal substrate concentration (mM)

Type of inhibition → no_inhibition → uncompetitive

0.05

0.10

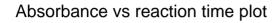
Lineweaver-Burke plot

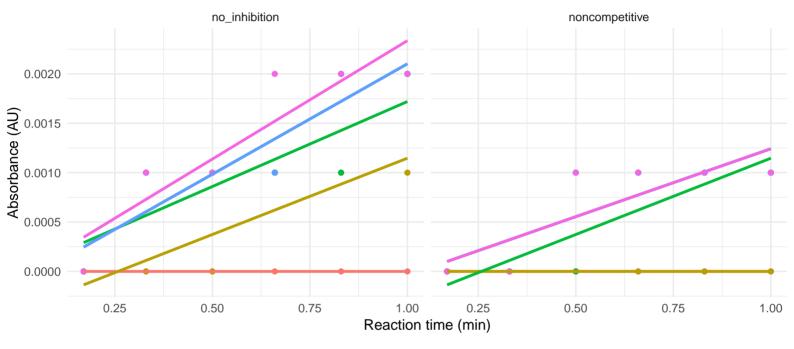
student	U03_FIRSTNAME3
substrate	ethanol
enzyme concentration	9.8e-05

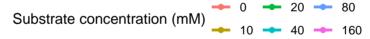
inhibition_type	estimated_Km	estimated_Vmax
noncompetitive	14.2	0.00776
no_inhibition	16.9	0.01320

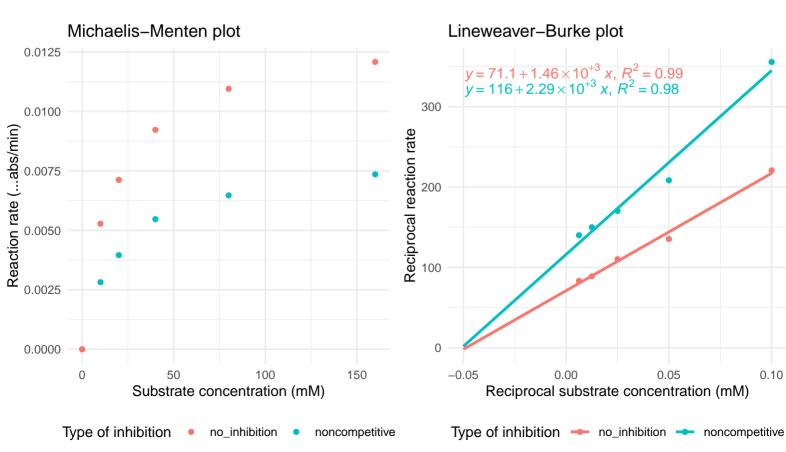
0.05

0.10



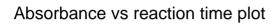


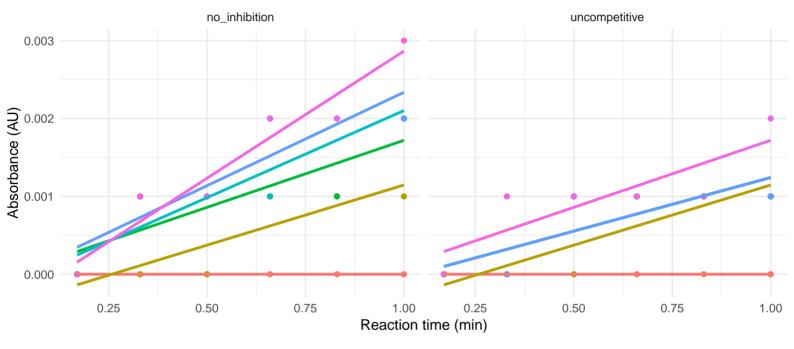


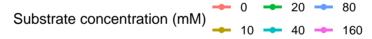


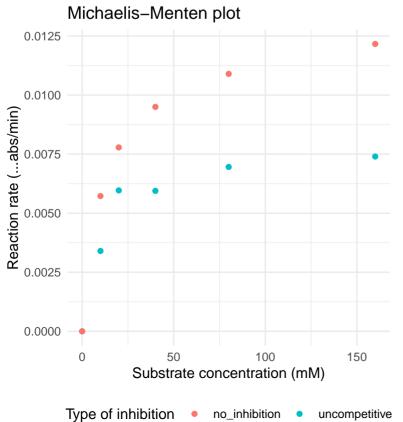
student	U04_FIRSTNAME4
substrate	ethanol
enzyme concentration	9.8e-05

inhibition_type	estimated_Km	estimated_Vmax
uncompetitive	8.98	0.00789
no_inhibition	17.90	0.01370







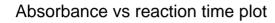


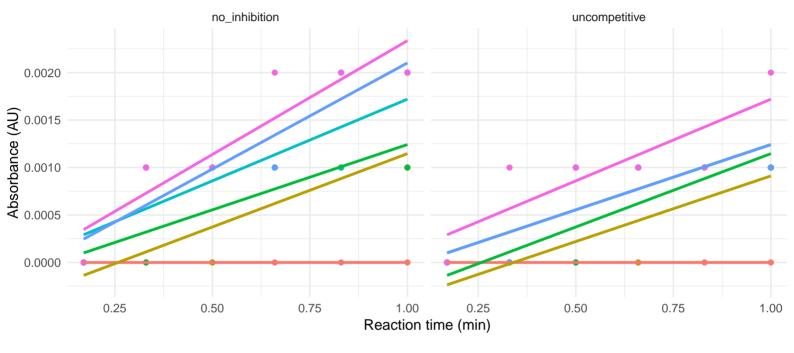
Lineweaver–Burke plot $y = 67.5 + 1.58 \times 10^{+3} \text{ x}, R^2 = 0.98$ $y = 113 + 2.08 \times 10^{+3} \text{ x}, R^2 = 0.99$ Provided 100 Reciprocal substrate concentration (mM)

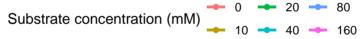
Type of inhibition → no_inhibition → uncompetitive

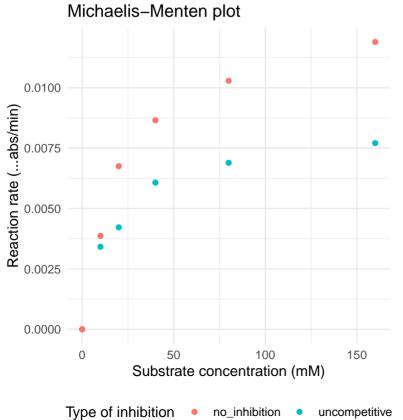
student	U05_FIRSTNAME5
substrate	propanol
enzyme concentration	0.00029

inhibition_type	estimated_Km	estimated_Vmax
uncompetitive	16.9	0.00858
no_inhibition	29.9	0.01440









$y = 77.5 + 1.82 \times 10^{+3} x$, $R^2 = 0.98$ $y = 130 + 1.43 \times 10^{+3} x$, $R^2 = 0.96$ 100 -0.05 0.00 0.05 0.10 Reciprocal substrate concentration (mM)

Type of inhibition → no_inhibition → uncompetitive

Lineweaver-Burke plot