student	U01_FIRSTNAME1
substrate	propanol
enzyme concentration	0.00029

inhibition_type	estimated_Km	estimated_Vmax
uncompetitive	16.23	0.50
no_inhibition	27.02	0.84

Absorbance vs reaction time plot

Michaelis−Menten plot

Lineweaver−Burke plot

$y = 1.2 + 32.3\,x,\ R^2 = 1.00$
$y = 2 + 32.3\,x,\ R^2 = 1.00$
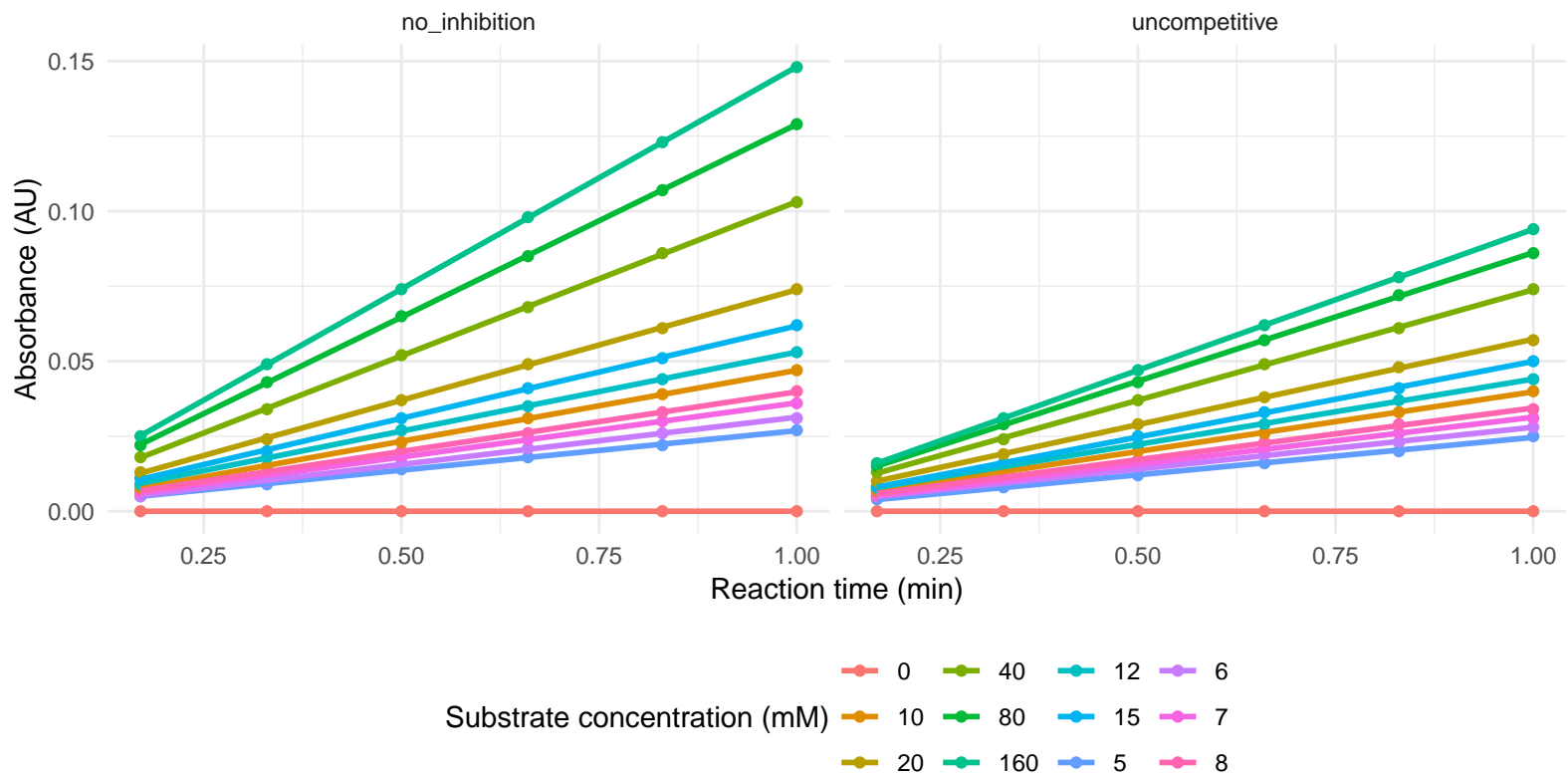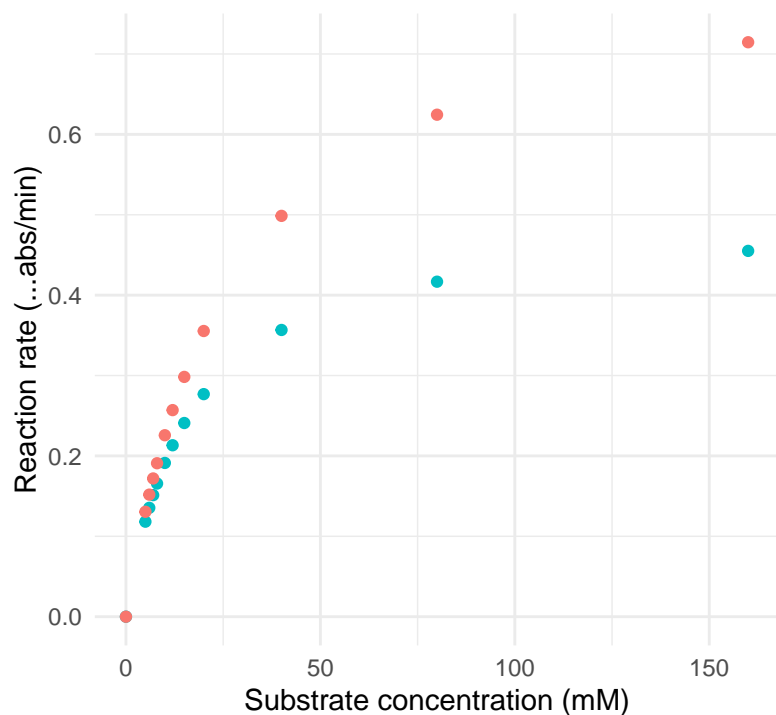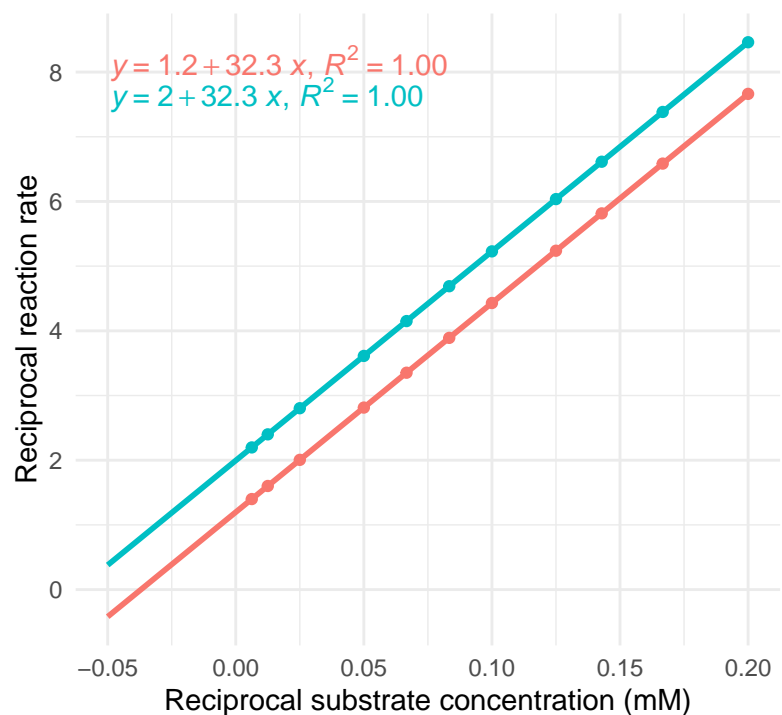
student	U02_FIRSTNAME2
substrate	pentanol
enzyme concentration	0.0013

inhibition_type	estimated_Km	estimated_Vmax
competitive	55.07	0.9
no_inhibition	36.99	0.9

Absorbance vs reaction time plot

Michaelis−Menten plot

Lineweaver−Burke plot

$y = 1.11 + 40.9\,x, R^2 = 1.00$
$y = 1.11 + 60.9\,x, R^2 = 1.00$
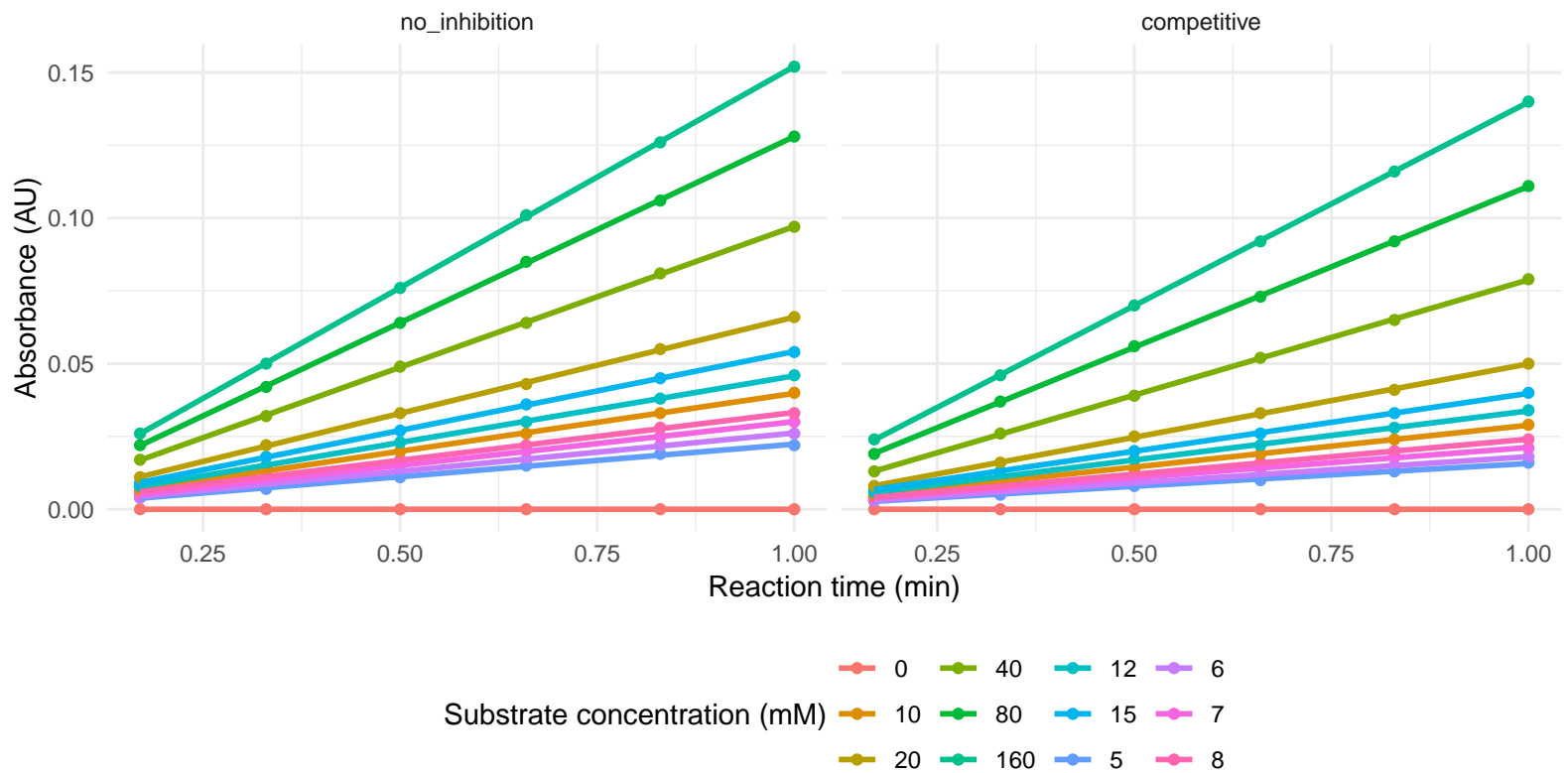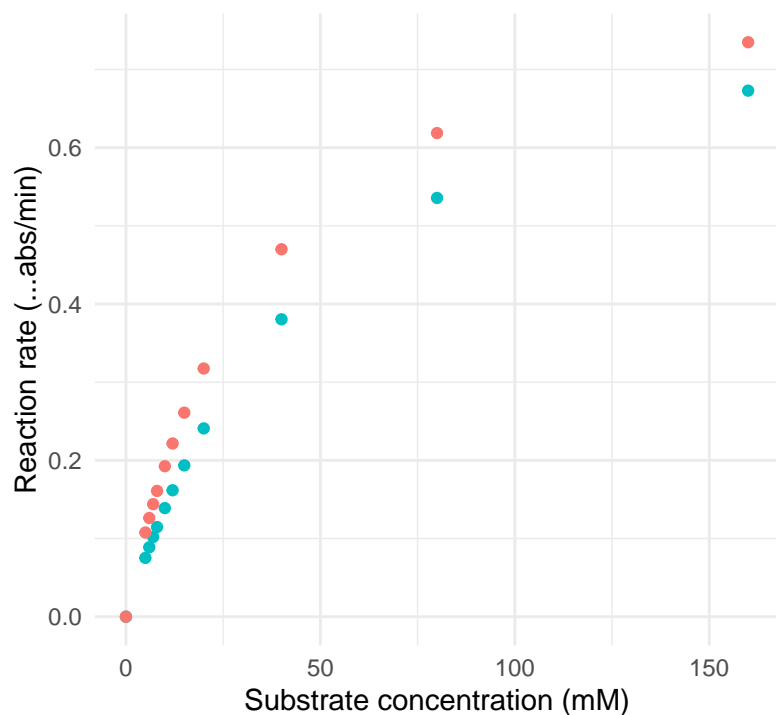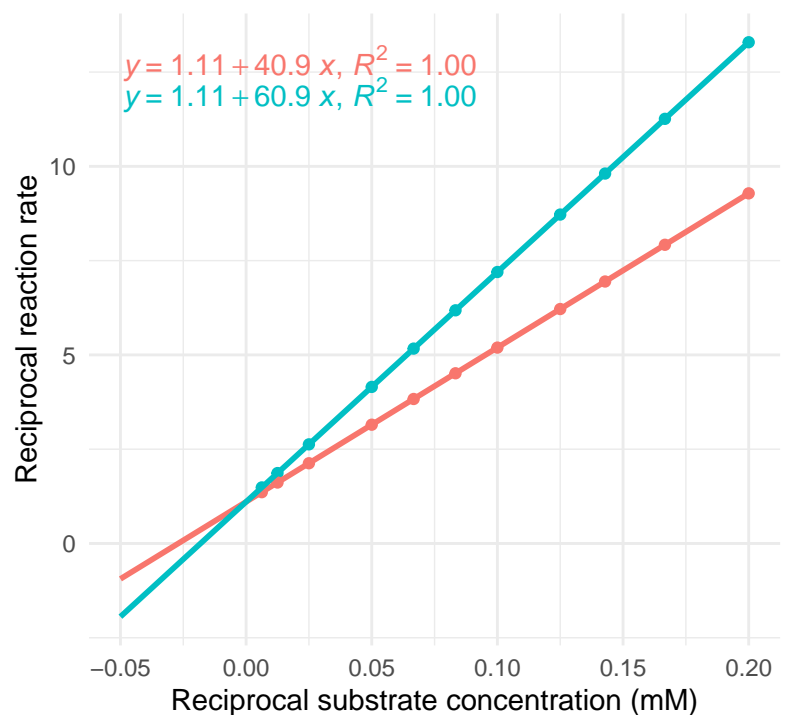
student	U03_FIRSTNAME3
substrate	butanol
enzyme concentration	0.00079

inhibition_type	estimated_Km	estimated_Vmax
noncompetitive	55.08	0.58
no_inhibition	55.07	0.97

Absorbance vs reaction time plot

Michaelis−Menten plot

Lineweaver−Burke plot

$y = 1.03 + 56.9\ x,\ R^2 = 1.00$
$y = 1.72 + 94.8\ x,\ R^2 = 1.00$
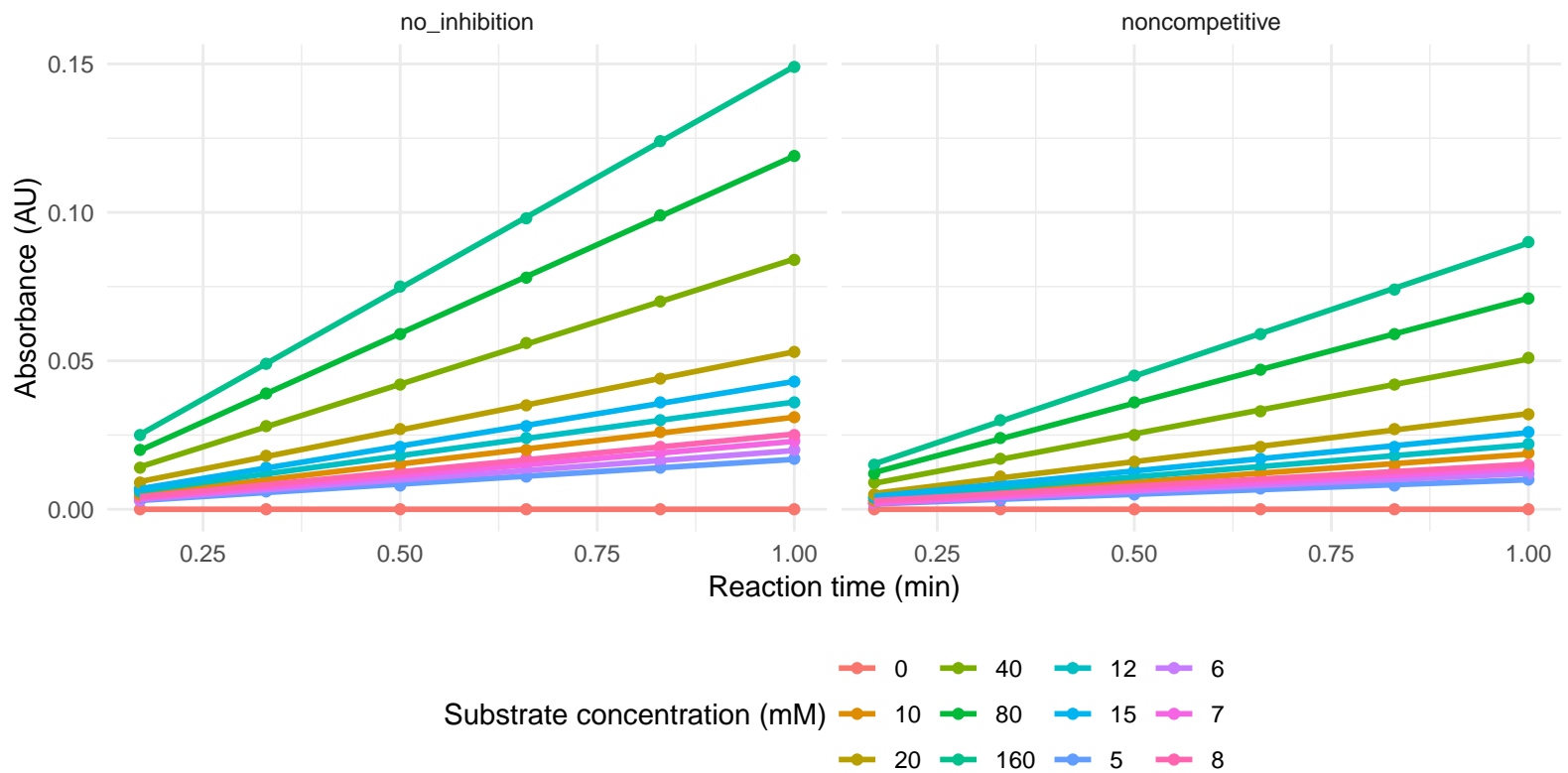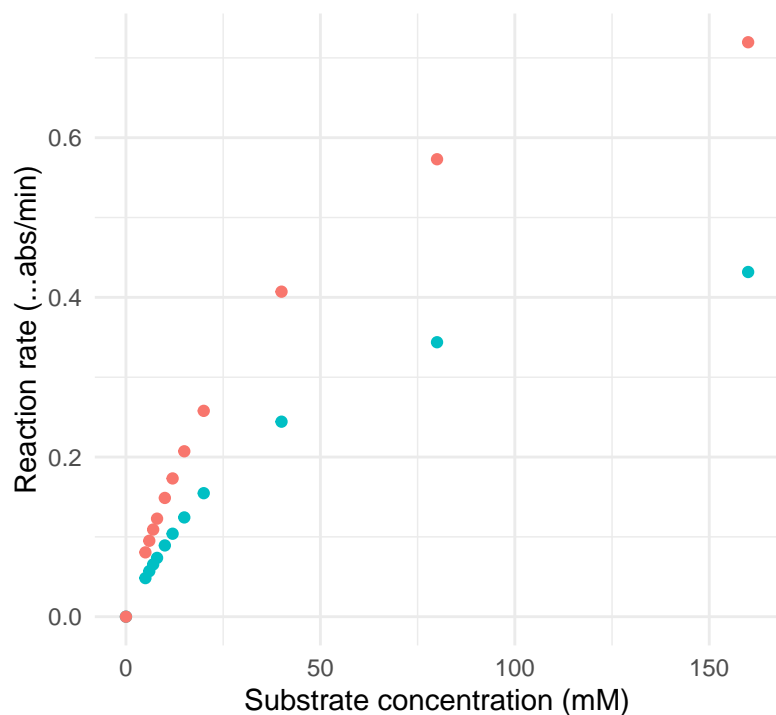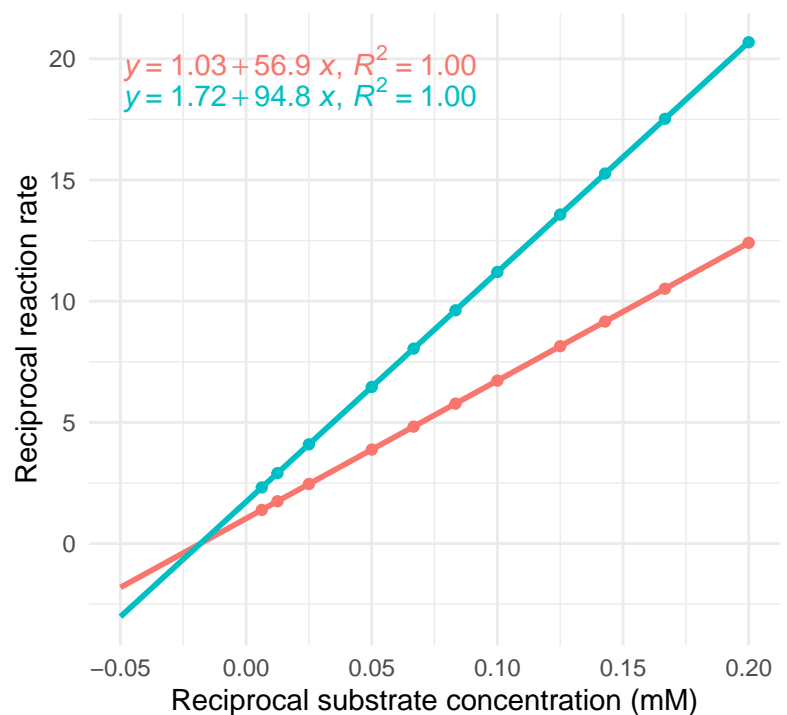
student	U04_FIRSTNAME4
substrate	pentanol
enzyme concentration	0.0013

inhibition_type	estimated_Km	estimated_Vmax
competitive	55.07	0.9
no_inhibition	36.99	0.9

Absorbance vs reaction time plot

Michaelis−Menten plot

Lineweaver−Burke plot

$y = 1.11 + 40.9\,x,\ R^2 = 1.00$
$y = 1.11 + 60.9\,x,\ R^2 = 1.00$
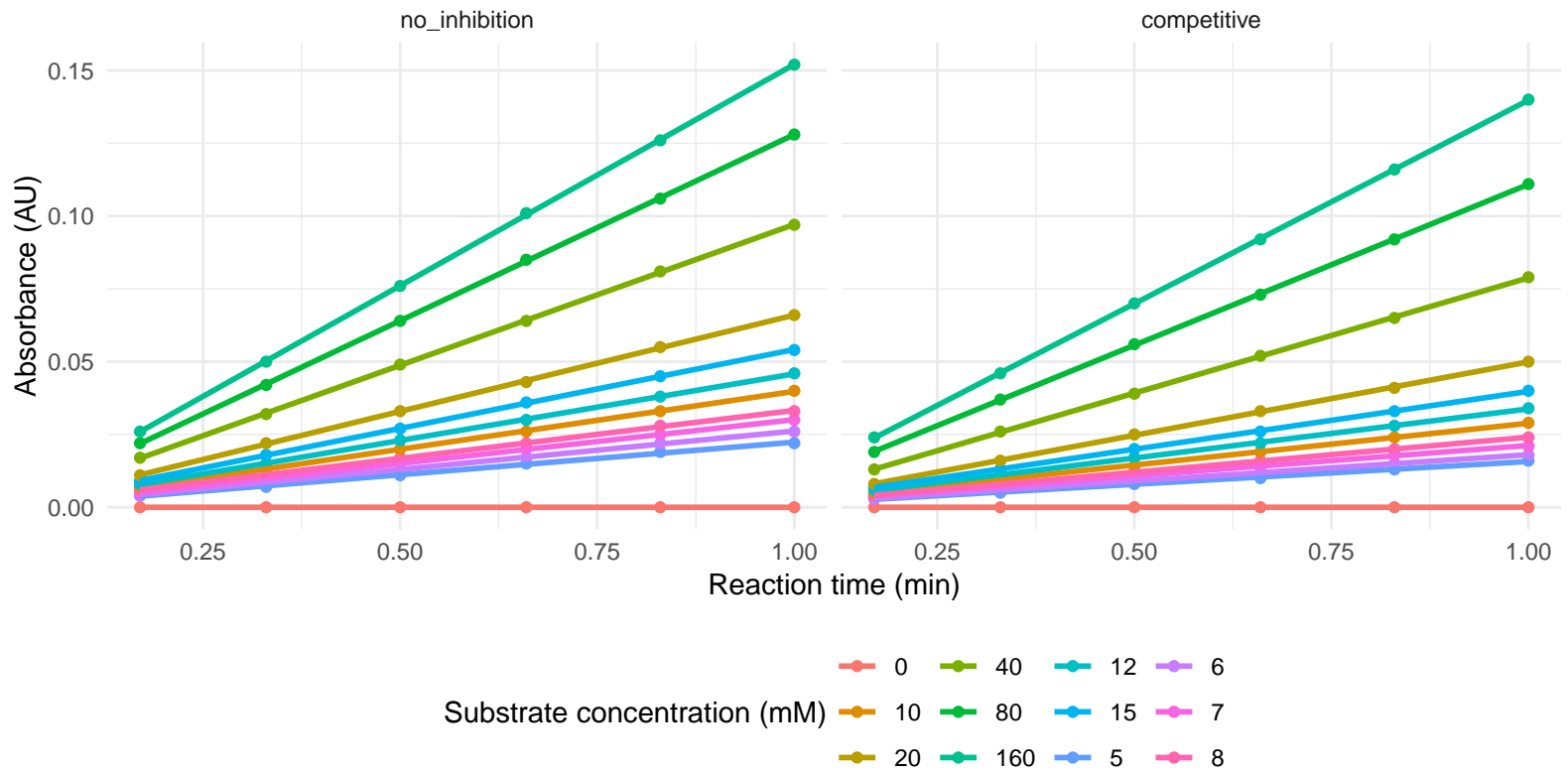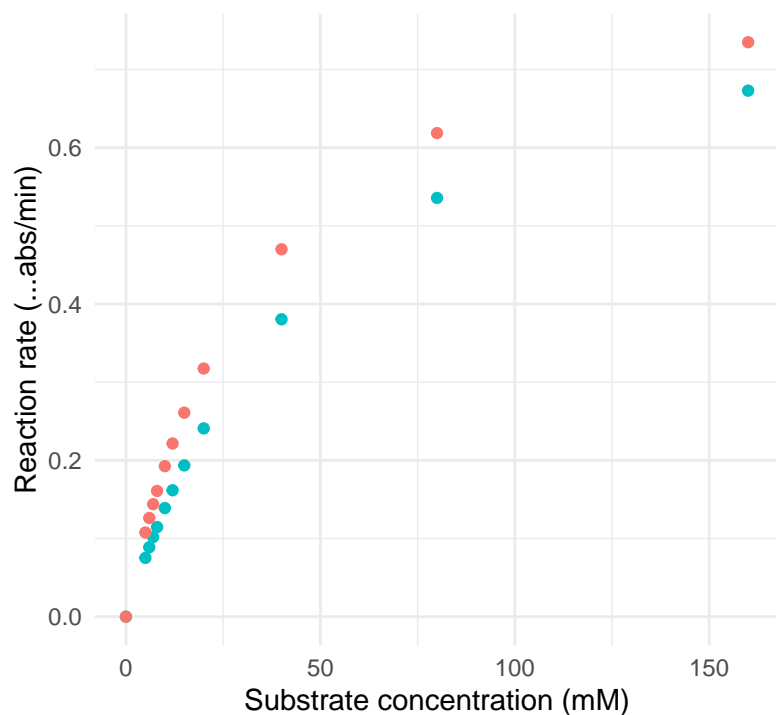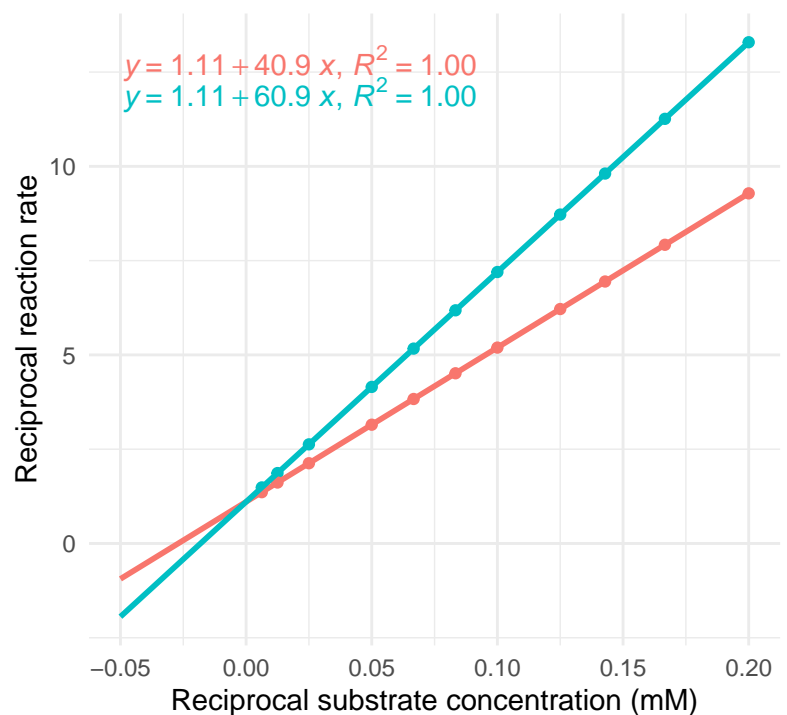
student	U05_FIRSTNAME5
substrate	pentanol
enzyme concentration	0.0013

inhibition_type	estimated_Km	estimated_Vmax
competitive	55.07	0.9
no_inhibition	36.99	0.9

Absorbance vs reaction time plot

Michaelis−Menten plot

Lineweaver−Burke plot

$y = 1.11 + 40.9\ x,\ R^2 = 1.00$
$y = 1.11 + 60.9\ x,\ R^2 = 1.00$