student	U01_FIRSTNAME1
substrate	butanol
enzyme concentration	0.00079

inhibition_type	estimated_Km	estimated_Vmax
noncompetitive	53.9	0.576
no_inhibition	55.0	0.967

Absorbance vs reaction time plot
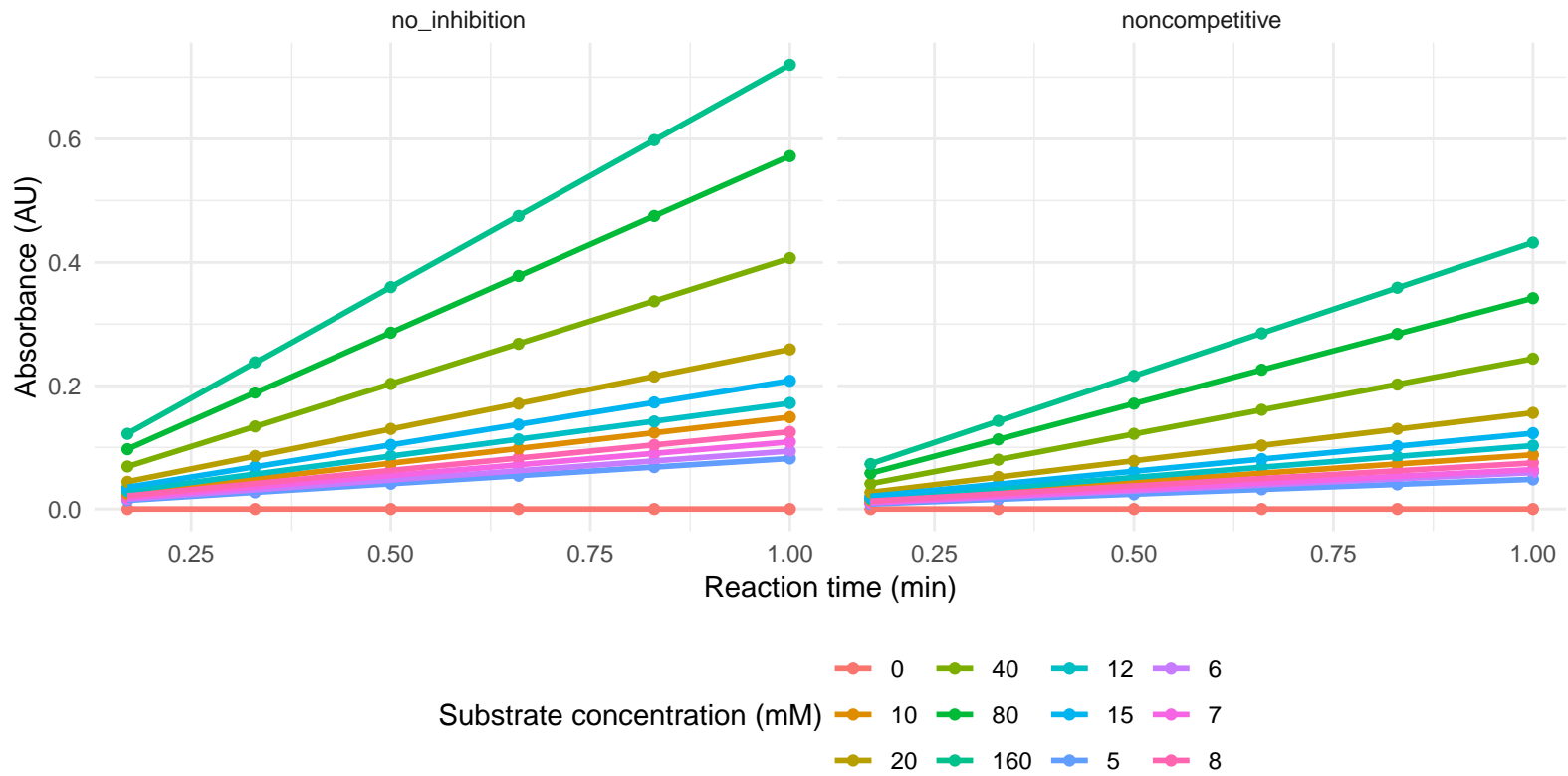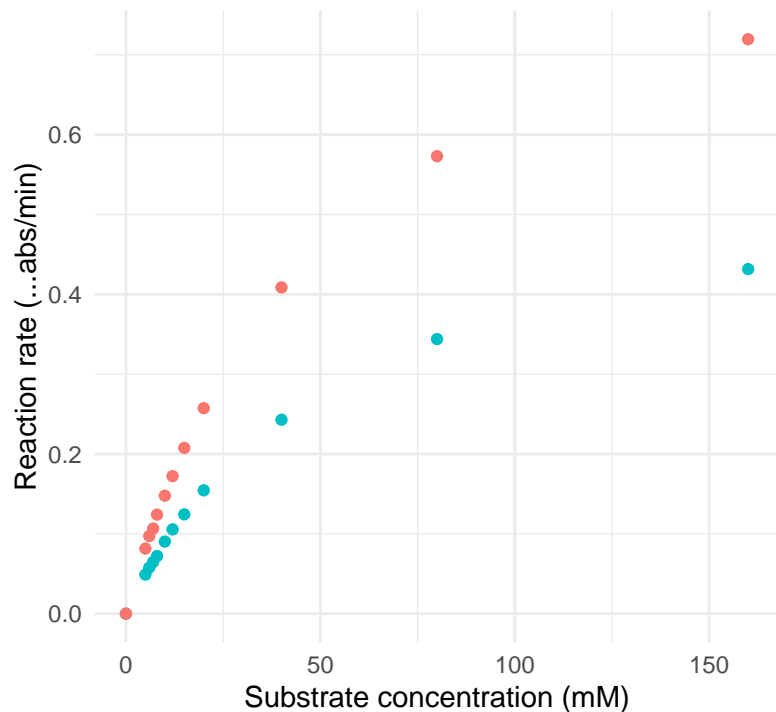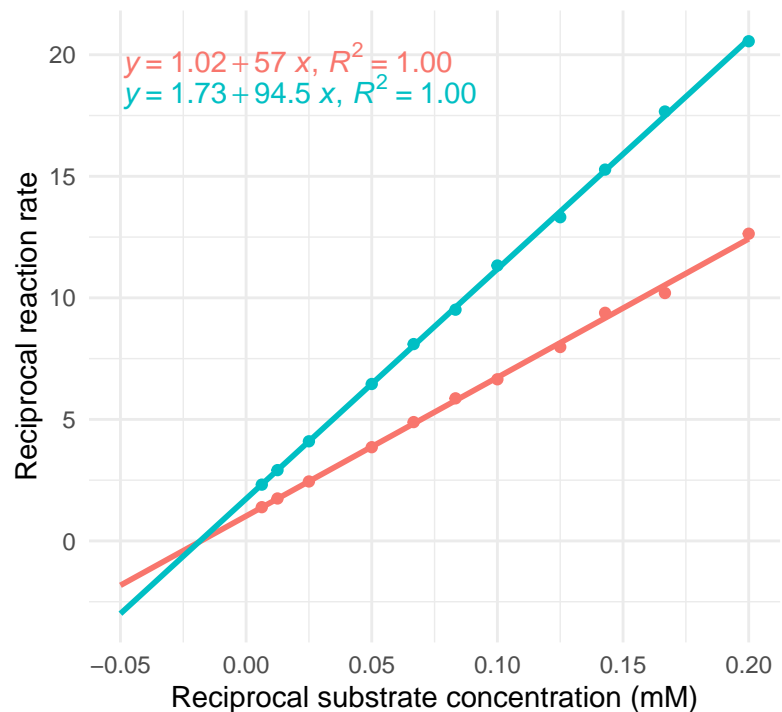
Michaelis−Menten plot

Lineweaver−Burke plot

$y = 1.02 + 57\ x,\ R^2 = 1.00$
$y = 1.73 + 94.5\ x,\ R^2 = 1.00$

student	U02_FIRSTNAME2
substrate	propanol
enzyme concentration	0.00029

inhibition_type	estimated_Km	estimated_Vmax
competitive	40.3	0.837
no_inhibition	27.1	0.836

Absorbance vs reaction time plot
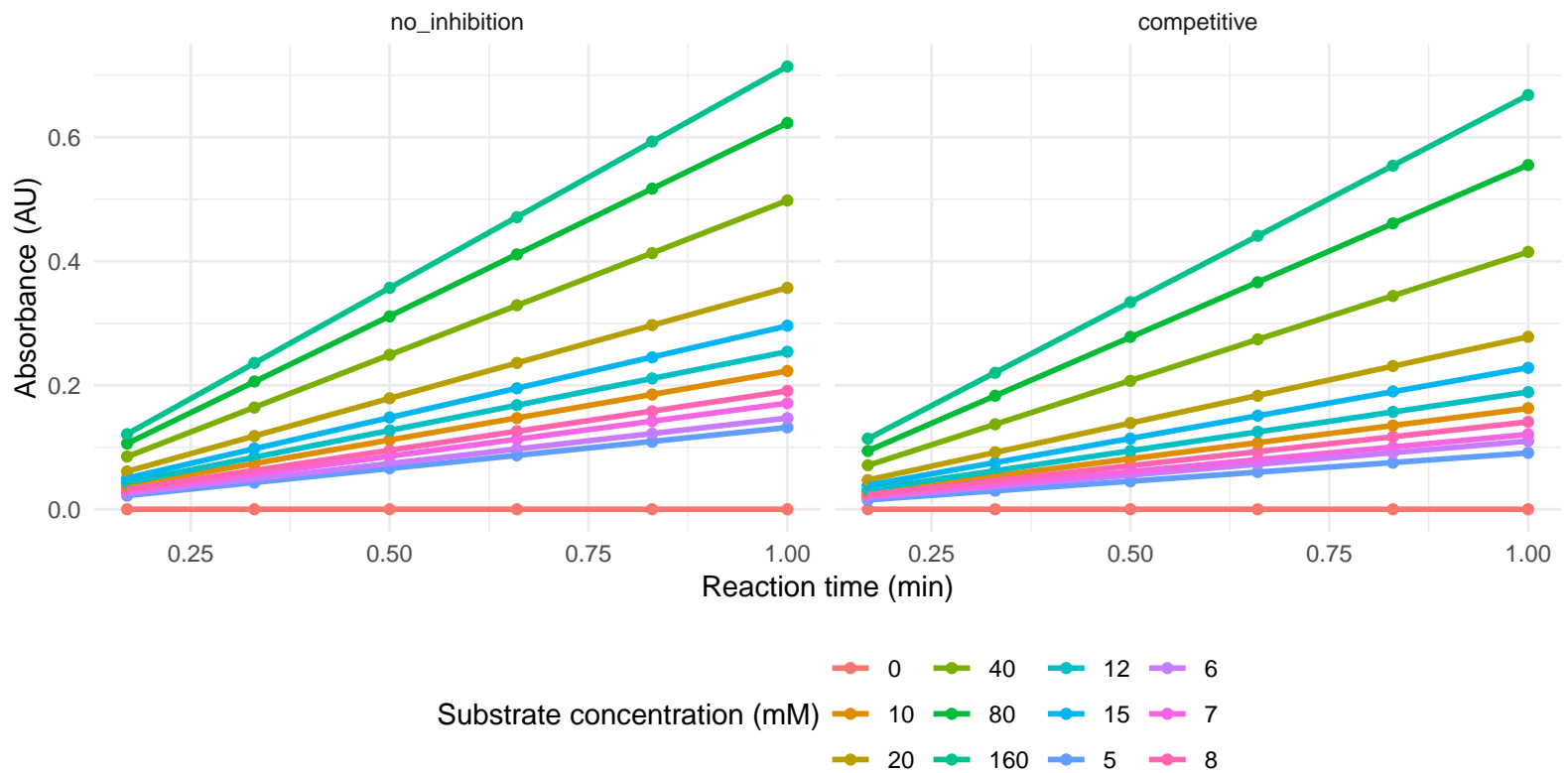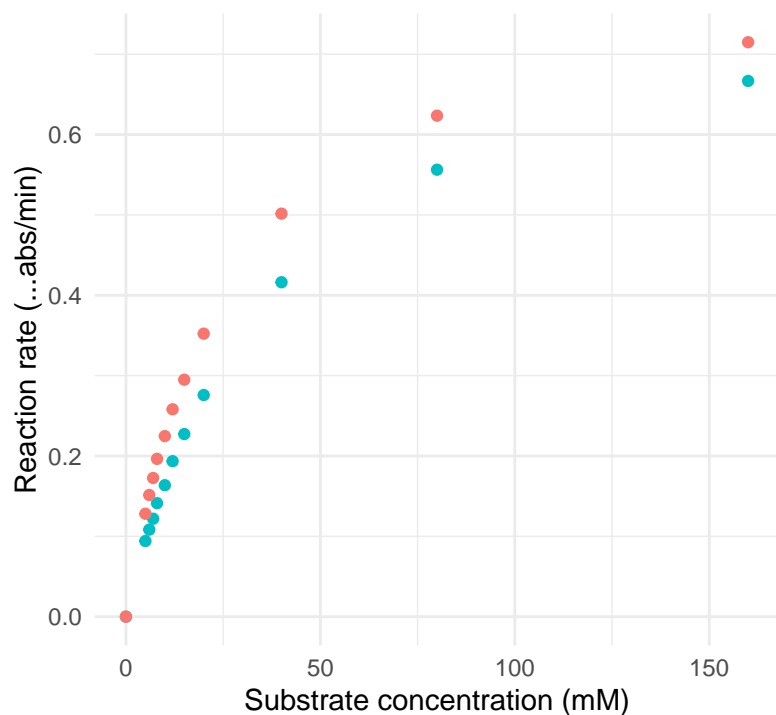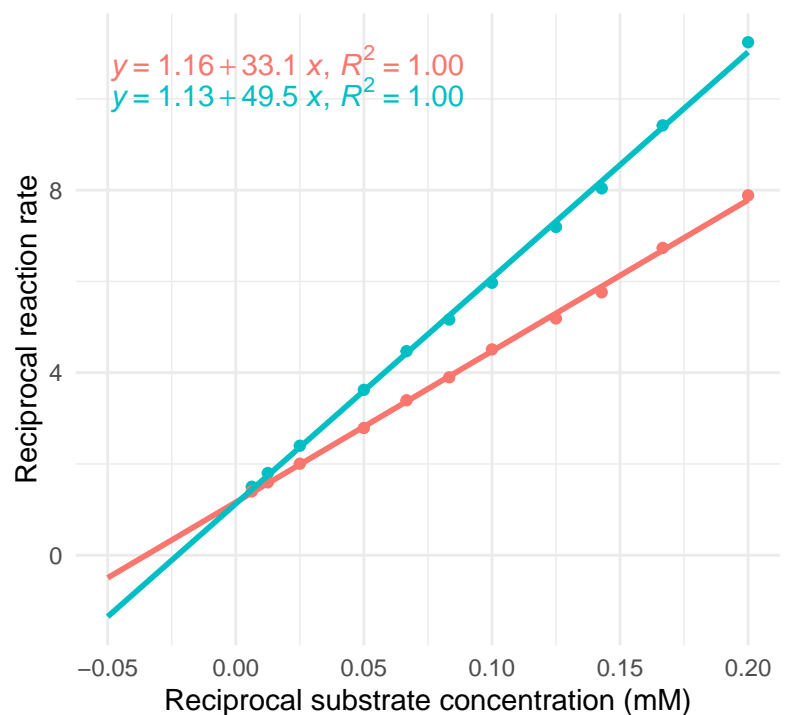
Michaelis−Menten plot

Lineweaver−Burke plot

$y = 1.16 + 33.1\ x,\ R^2 = 1.00$
$y = 1.13 + 49.5\ x,\ R^2 = 1.00$

student	U03_FIRSTNAME3
substrate	ethanol
enzyme concentration	9.8e−05

inhibition_type	estimated_Km	estimated_Vmax
uncompetitive	10.4	0.482
no_inhibition	17.1	0.801

Absorbance vs reaction time plot

Michaelis−Menten plot

Lineweaver−Burke plot

$y = 1.27 + 20.9\,x,\ R^2 = 1.00$
$y = 2.11 + 20.9\,x,\ R^2 = 1.00$
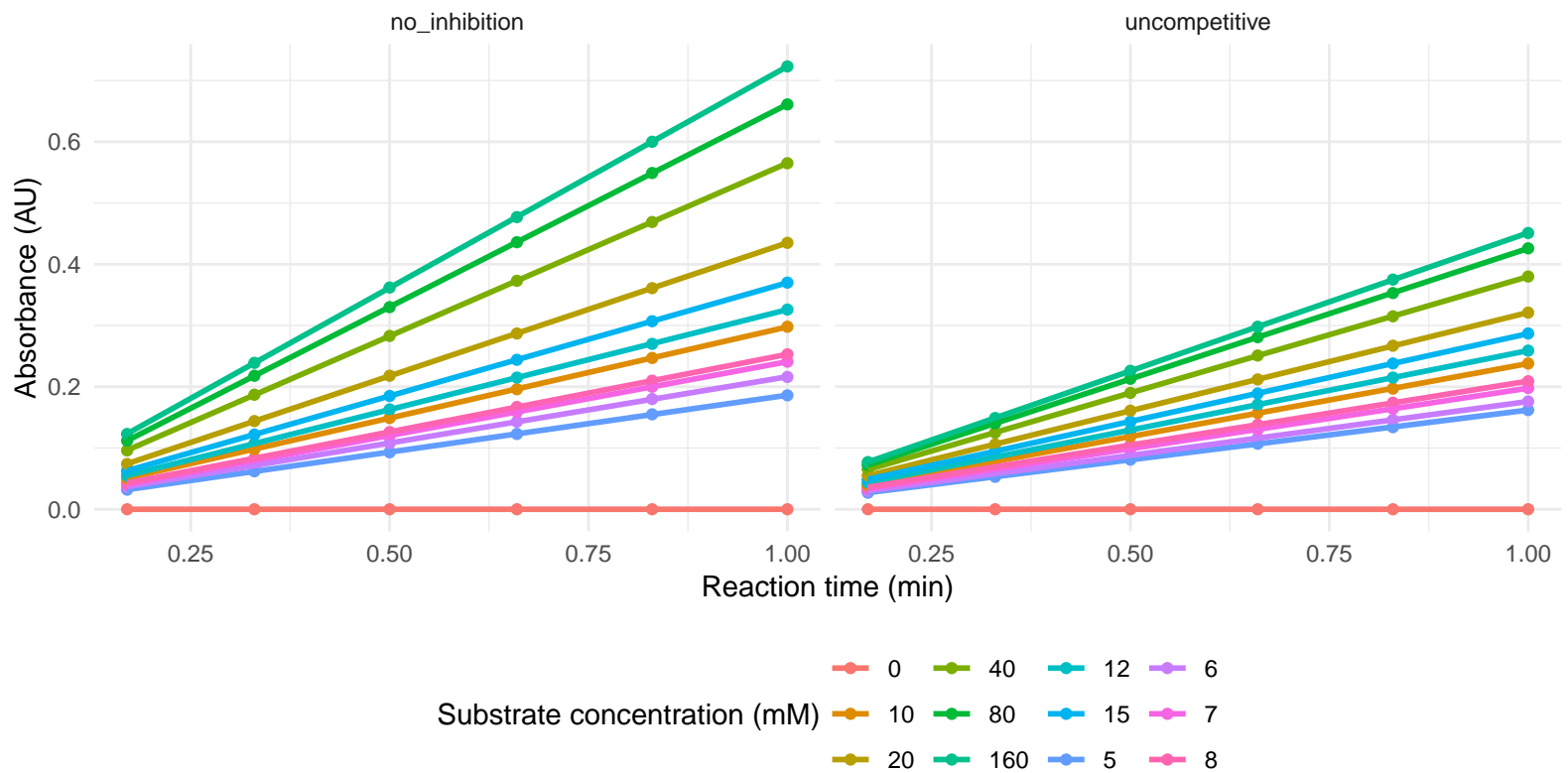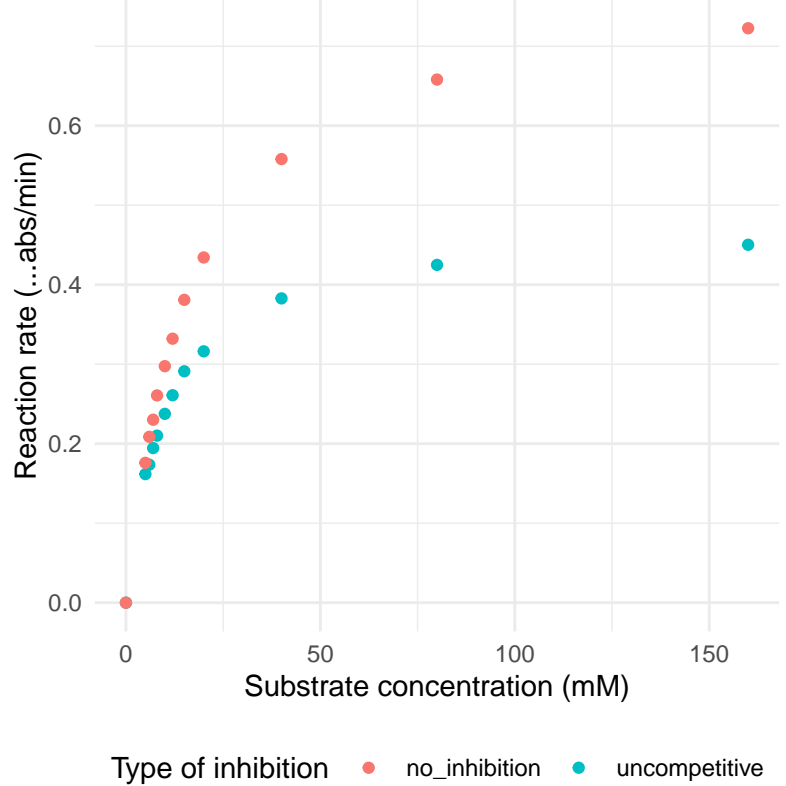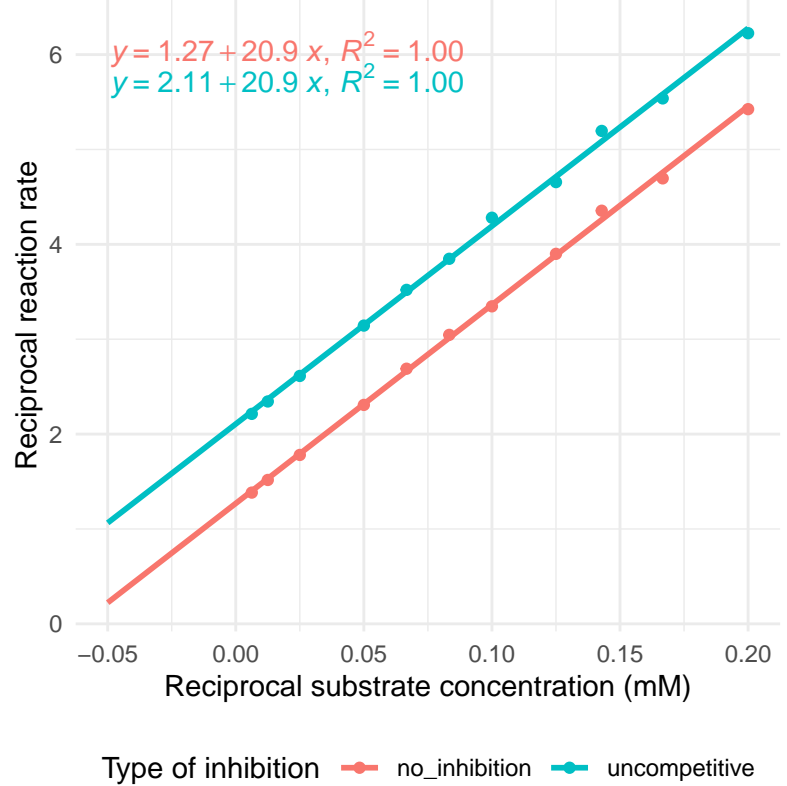
student	U04_FIRSTNAME4
substrate	propanol
enzyme concentration	0.00029

inhibition_type	estimated_Km	estimated_Vmax
noncompetitive	36.8	0.500
no_inhibition	27.3	0.837

Absorbance vs reaction time plot
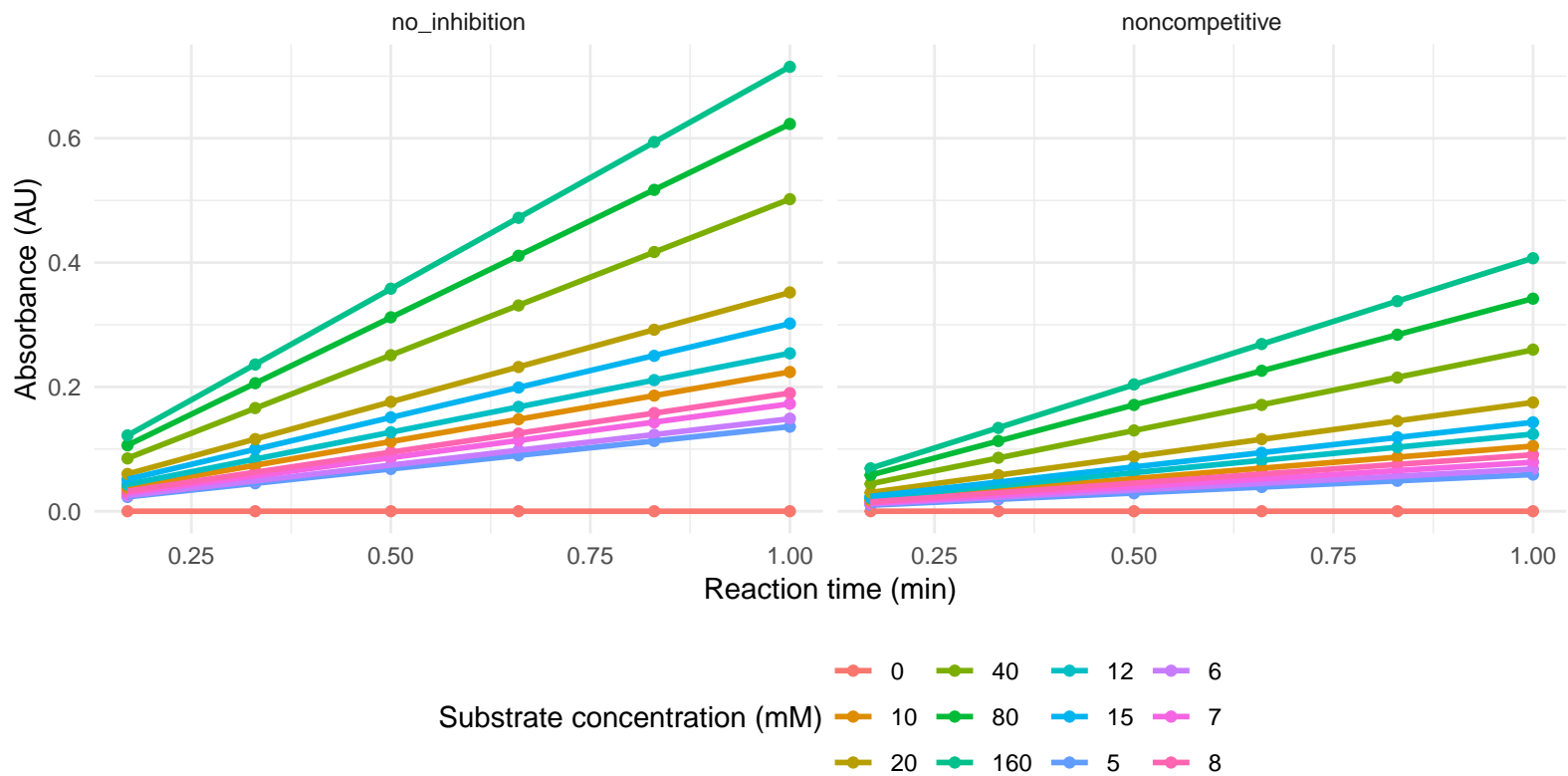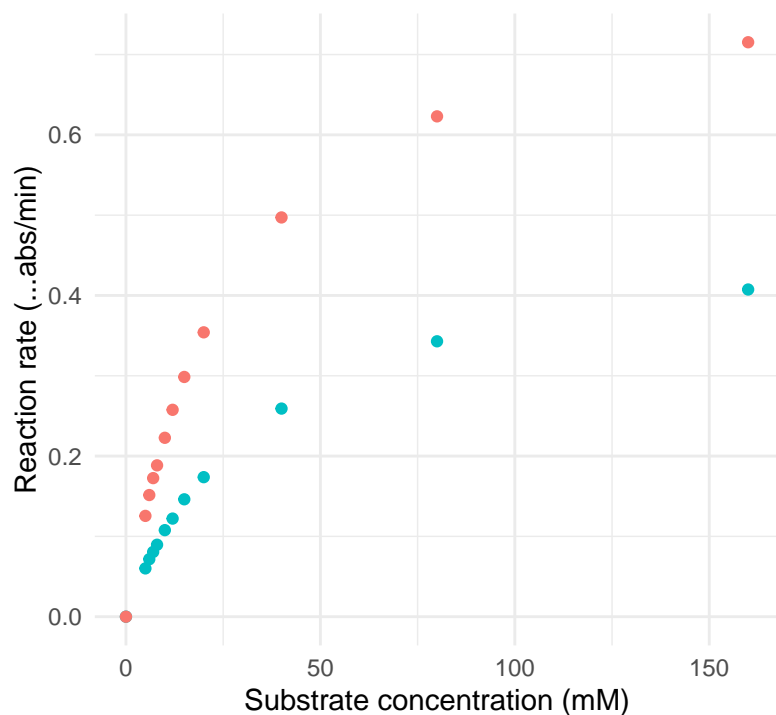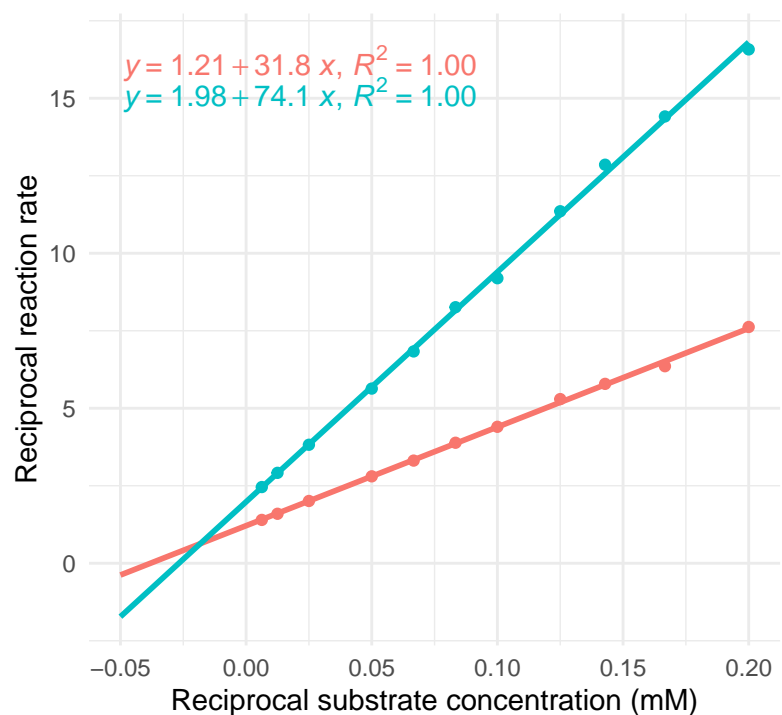
Michaelis−Menten plot

Lineweaver−Burke plot

$y = 1.21 + 31.8\ x,\ R^2 = 1.00$
$y = 1.98 + 74.1\ x,\ R^2 = 1.00$

student	U05_FIRSTNAME5
substrate	pentanol
enzyme concentration	0.0013

inhibition_type	estimated_Km	estimated_Vmax
noncompetitive	37.5	0.545
no_inhibition	36.9	0.905

Absorbance vs reaction time plot

Michaelis−Menten plot

Lineweaver−Burke plot

$y = 1.06 + 41.3\ x,\ R^2 = 1.00$
$y = 1.87 + 68.2\ x,\ R^2 = 1.00$