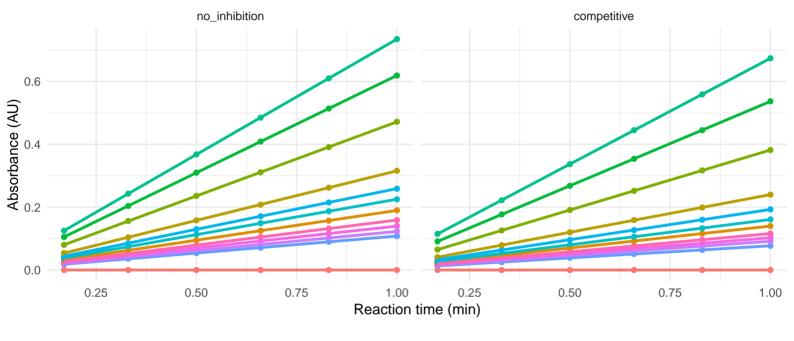
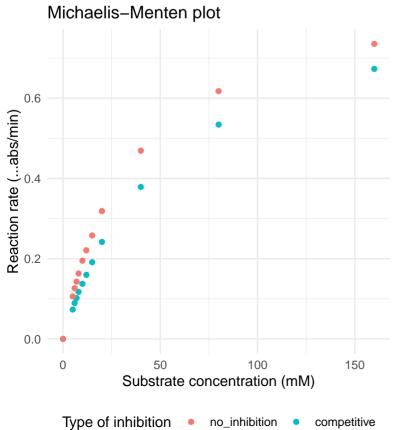
student	U01_FIRSTNAME1
substrate	pentanol
enzyme concentration	0.0013

inhibition_type	estimated_Km	estimated_Vmax
competitive	54.8	0.903
no_inhibition	36.8	0.904

## Absorbance vs reaction time plot







## Lineweaver–Burke plot $y = 1.03 + 42.6 \text{ x}, R^2 = 1.00$ $y = 1.07 + 60.9 \text{ x}, R^2 = 1.00$ $0 = 1.07 + 60.9 \text{ x}, R^2 = 1.00$ Reciprocal substrate concentration (mM)

Type of inhibition → no\_inhibition → competitive