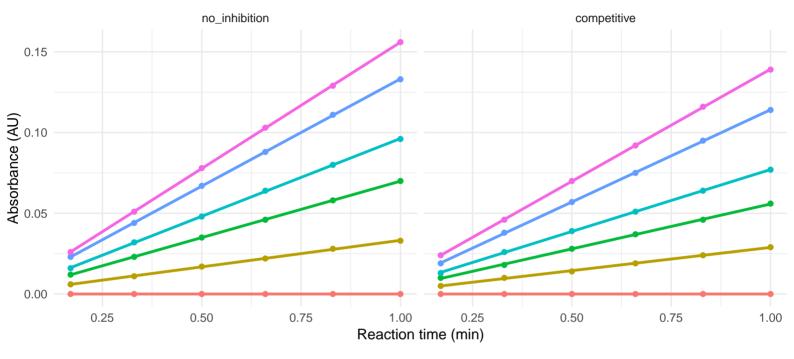
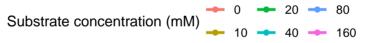
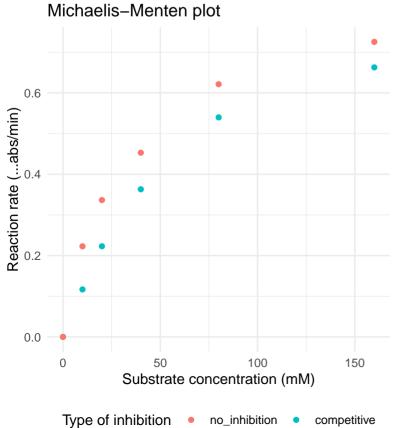
student	U01_FIRSTNAME1
substrate	pentanol
enzyme concentration	0.0013

inhibition_type	estimated_Km	estimated_Vmax
competitive	62.6	0.947
no_inhibition	36.3	0.898

## Absorbance vs reaction time plot







## Lineweaver–Burke plot $y = 0.869 + 54.4 \times, R^2 = 0.99$ $y = 1.33 + 53.1 \times, R^2 = 0.99$ 0.0 0.05 0.00 0.05 0.10Reciprocal substrate concentration (mM)

Type of inhibition → no\_inhibition → competitive