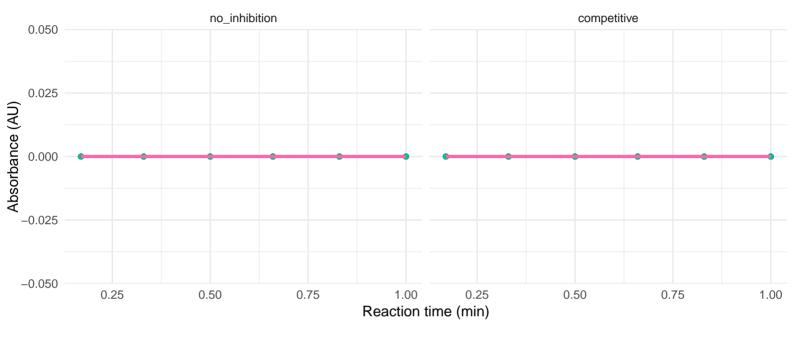
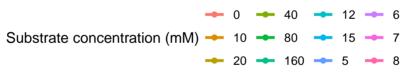
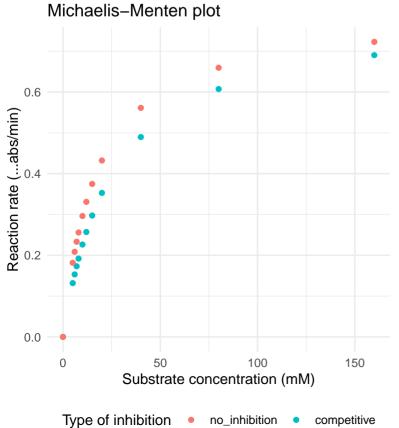
| student | U05_FIRSTNAME5 |
|----------------------|----------------|
| substrate | ethanol |
| enzyme concentration | 9.8e-05 |

| inhibition_type | estimated_Km | estimated_Vmax |
|-----------------|--------------|----------------|
| competitive | 25.32 | 0.8 |
| no_inhibition | 17.01 | 0.8 |

Absorbance vs reaction time plot







Lineweaver–Burke plot $y = 1.25 + 21.3 \text{ x}, R^2 = 1.00$ $y = 1.25 + 31.7 \text{ x}, R^2 = 1.00$ $y = 1.25 + 31.7 \text{ x}, R^2 = 1.00$ Reciprocal substrate concentration (mM)

Type of inhibition → no_inhibition → competitive