







Analysis Methods

▶ Previously, we have modeled the mean abudance level at a single time point as

$$Y = \mu + \epsilon$$

 \blacktriangleright You can model the expression level at time t as

$$Y(t) = \mu(t) + \epsilon(t)$$

- ▶ The challenge here is that $\mu(t)$ is an unknown function of time
- ► Methods using this type of model use various approaches for estimating $\mu(t)$