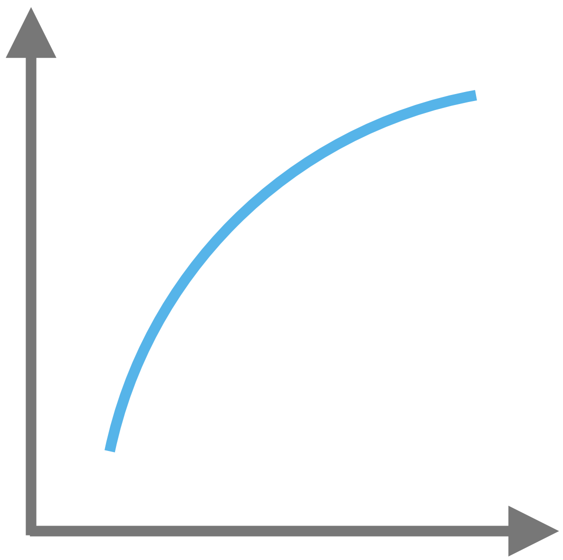
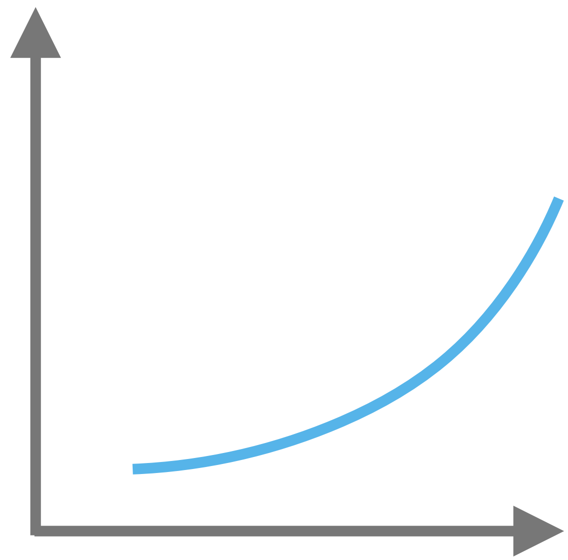


Exponential Decay

`Y ~ 1 + ln(X)`

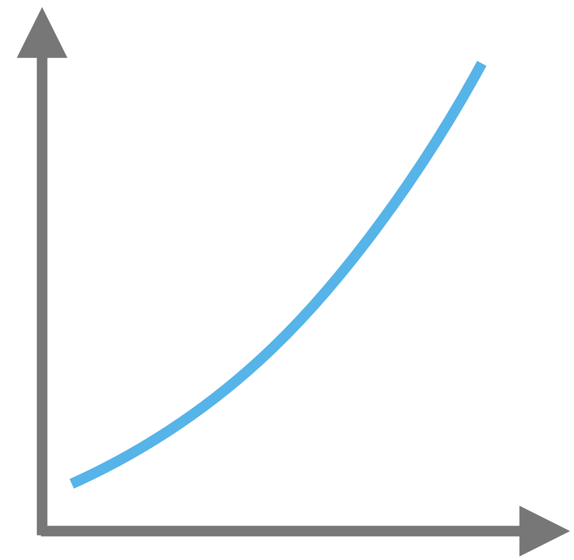
Each 1% change in X is associated with a ($\hat{\beta}_1$/100)-unit change in Y, on average.



Exponential Growth

`ln(Y) ~ 1 + X`

Each 1-unit change in X is associated with a $|1-e^{\hat{\beta}_1}|$% change in Y, on average.



Proportional Growth

`ln(Y) ~ 1 + ln(X)`

Each 1% change in X is associated with a $|1-e^{\hat{\beta}_1/100}|$% change in Y, on average.