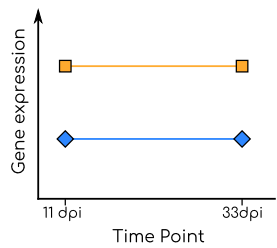
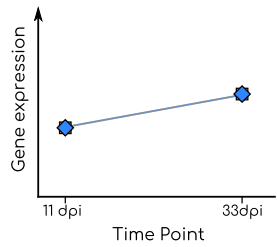


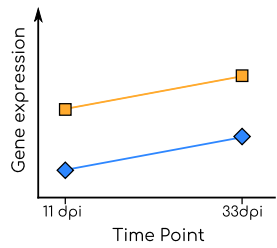
No difference at all.



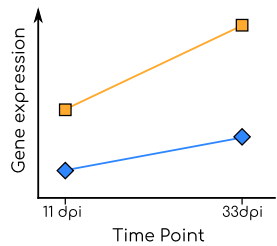
Simple model: gene expression changes with Status, but not time point:
 \sim Status



Simple model: gene expression changes with time point, but not status:
 \sim TimePoint



Additive model: gene expression changes with status and time point, but the difference in gene expression difference between infected and uninfected is the same regardless of the time point:
 \sim TimePoint + Status



Interaction model: gene expression changes with status and time point, but the difference in gene expression between infected and uninfected changes depending on the time point:
 \sim TimePoint + Status + TimePoint:Status