

### Hazard Ratios

In its simplest form, the **Hazard Ratio** (HR) can be interpreted as the chance of an event occurring in the treatment arm divided by the chance of the event occurring in the control arm.

### Hazard Rate

$$HR = \frac{h(t) \text{ treatment arm}}{h(t) \text{ control arm}}$$

Hazard rate  $h(t)$ : It tells you the instantaneous rate of failure at a certain time, given that the subject has survived up to that time.



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