

Odds : the odds in favor of a particular event

$$\text{odds} = \frac{p}{(1-p)}$$

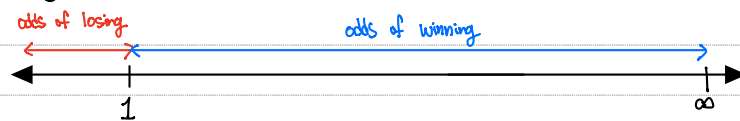
ex) if odds of team A winning the game are 5 to 3

$$\text{odds} = \frac{0.625}{0.375} = 1.67$$

Logit Function : logarithm of odds

$$\text{logit}(p) = \log\left(\frac{p}{1-p}\right)$$

if not use logit functions



- asymmetry makes it difficult to compare the odds

using logit functions

