

$$\logit(\hat{\pi}(CAN, INF)) = \hat{\beta}_0 + \hat{\beta}_1 \text{CAN} + I(CAN="yes") + \hat{\beta}_2 INF + \hat{\beta}_3 CAN \times INF$$

CAN = 1, INF = 1

CAN = 1, INF = 0

CAN = 0, INF = 1

CAN = 0, INF = 0

$\hat{\beta}_0 + \hat{\beta}_1 + \hat{\beta}_2 + \hat{\beta}_3 \rightarrow$  est. odds

$\hat{\beta}_0 + \hat{\beta}_1 \rightarrow$  est. odds

$\hat{\beta}_0 + \hat{\beta}_2 \rightarrow$  est. odds

$\hat{\beta}_0 \rightarrow$  est. odds

est. OR

divid to get est. odd ratio

take diff of log odds  
then exponentiate diff