

So what is log odd of selling the care OR in the table , that is old ratio. OR & the multiplicative effect of one extra unit of own x variable on the odds of selling a car so if price increases by one unit or one thousand dollars the odds of selling the car will be multiplied by 0.84. In other word, for a \$1000 increase in price, the odds of selling the cast decrease by Coeff in the fable deal with the log (Y), OR (odd raho) doals with inlog (Y) 16%, on average holding all else constant. cars with a pink slip have 1.73 times the odds of being sold compared to cars without pink slip on average holding all else constant Remember - "Chance" = "Probability" + "Odds" If the probability of rain tomorrow is 20%, what are the odds of rain tomorrow? probability = 1/5 odds = 1-pe = 0.2 = 0.25 or 1/4. 1) Find the probability that a \$4,500 can with a pink stip will sell? $L_{1}(\frac{P}{1-P}) = 0.396 - 0.173(4.5) + 1.555(1) = 1.1725$. $L_{1}(\frac{P}{1-P}) = 1.1725$ $\frac{P}{1-P} = e^{1725}, P = (e^{1.7925})^{1-P}, P = 3.23(1-P)$ 50, a car with a sole price of P = 3.23 - 3.23P 4,500 and a pink slip has P + 3.23P = 3.23 = P = 3.23 P = 3.23 = 0.764a probability of sole 76.4% a probability of sale 76.4%. DEED THE ACTION OF THE PORT OF