

$$F(t) = \int_C \int_{-\infty}^t \int_{-\infty}^{\infty} \exp(-x^T \Sigma^{-1} x) dx$$

$y_i < 0$   
 $\text{this is 0 w/ log}$   
 $y_i \geq C$

$$P(Y \in D \mid Y_i = y_i, I)$$

$$= \frac{P(Y \in D \cap I \mid Y_i = y_i)}{P(Y \in I \mid Y_i = y_i)}$$

