$$\Pr(y_i = 1 \mid \mathbf{x}_i) = \Pr(\tau_0 \le y_i^* < \tau_1 \mid \mathbf{x}_i)$$

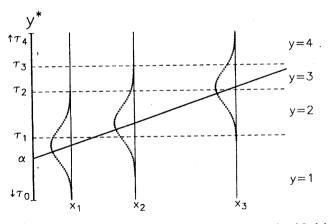


Figure 5.2. Distribution of  $y^*$  Given x for the Ordered Regression Model