

$$H_0 : \mu = 0$$

p -value

T

0

x



The figure shows a symmetric, bell-shaped curve representing a normal distribution. The horizontal axis is labeled x at its right end. A vertical tick mark on the axis is labeled 0 , indicating the mean. Another vertical tick mark to the left of the center is labeled T . The area under the curve to the left of T is shaded in light blue. A line points from the label p -value to this shaded region. Above the peak of the curve, the text $H_0 : \mu = 0$ is written.