



我们要求 $u_{0.05}$ 这个点的具体x位置=?

$$P\{X > u_{\boxed{0.05}}^{\alpha}\} = \boxed{0.05}^{\alpha}$$

Diagram illustrating the relationship between the probability value and the critical value:

- The value 0.05 in the denominator of $u_{0.05}$ is labeled "要求的" (Required).
- The value 0.05 in the numerator of the right-hand side is labeled "已知的. 这块就是 α (面积 概率值)" (Known. This is α (area, probability value)).

最后会求到 $u_{0.05}=1.645$