

Critical Values for Hypothesis Testing with Z-Distribution

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Reject the null hypothesis if your test statistic falls in the shaded region for a given level of significance.

Figure 1: Critical Values for Two-Sided Hypothesis Tests

$$H_0 : \mu = \mu_0$$

$$H_A : \mu \neq \mu_0$$

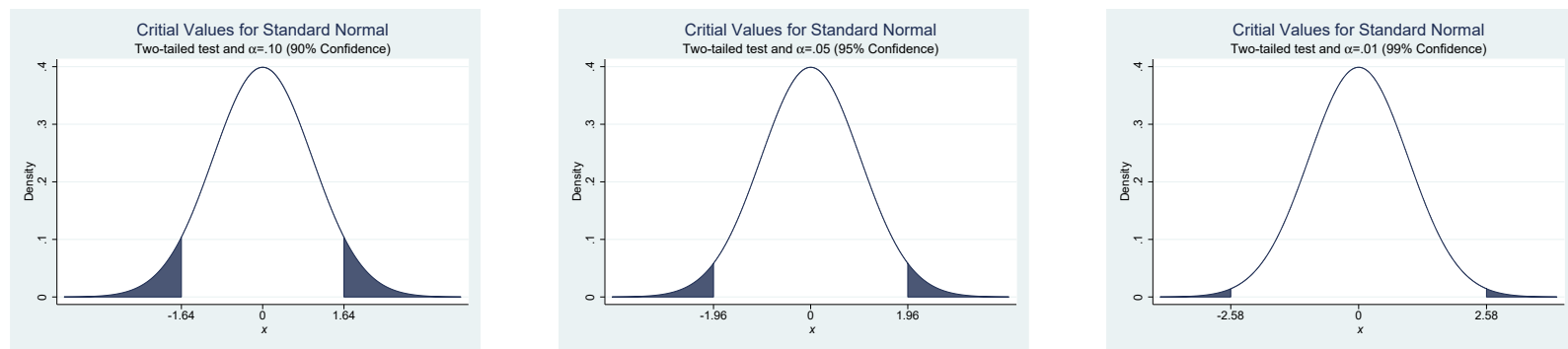


Figure 2: Critical Values for One-Sided Lower Hypothesis Tests

$$H_0 : \mu \geq \mu_0$$

$$H_A : \mu < \mu_0$$

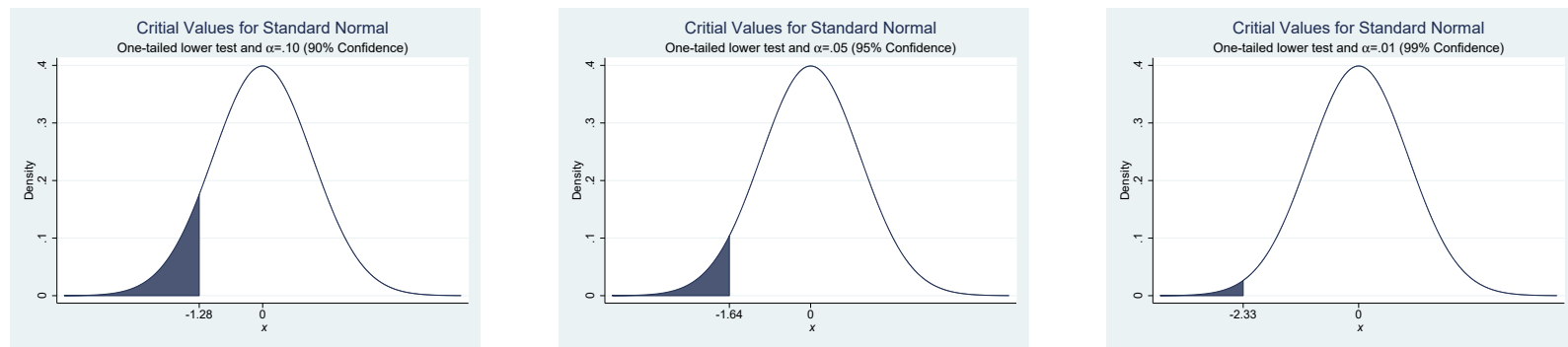


Figure 3: Critical Values for One-Sided Upper Hypothesis Tests

$$H_0 : \mu \leq \mu_0$$

$$H_A : \mu > \mu_0$$

