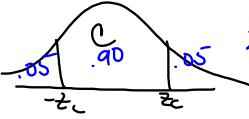


CI:

$$\bar{x} - E < \mu < \bar{x} + E$$

$$E = \frac{z_c \sigma}{\sqrt{n}} = \frac{z_c \sigma}{\sqrt{n}}$$


$z_c = \text{InvNorm}(.05, 0, 1)$

Mar 14-8:18 AM

3. $(21.61, 30.15)$

$\bar{x} - E$ $\bar{x} + E$ $\bar{x} = 25.88$
 $E = 4.27$

$$\bar{x} = \frac{30.15 + 21.61}{2} = 25.88$$

or

$$E = \frac{30.15 - 21.61}{2} = 4.27$$

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