Section 6.2: Ore-sided Confidence
what if you're only interested in one side of the confidence interval?
suppose $\rho=$ proportion of defective items manufactured
$\rightarrow$ if ya get fewer defective jolts than normal, then you are happy! it's only if you hare more than normal that ya have to worry
one-sided confidence bound (sometimes called upper / laver limit)

$$
\text { lower confidence bound }=\text { estimator }-Z_{\alpha} S E
$$

note: not $Z_{\alpha / 2}$ any mare because one-tailed
upper confidence bound $=$ estimates $+2_{\alpha} S E$


note: $\alpha$ for cne-sided $\alpha / 2$ for two-sided

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