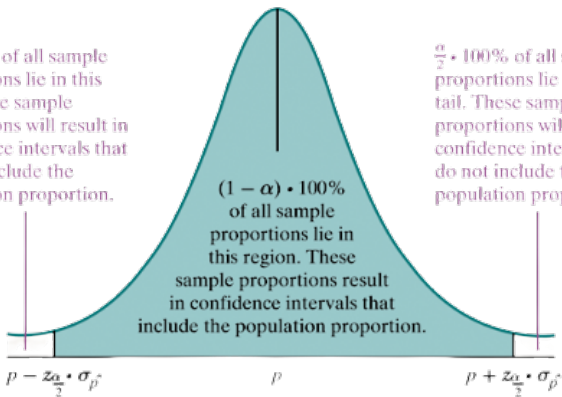


$\frac{\alpha}{2} \cdot 100\%$ of all sample proportions lie in this tail. These sample proportions will result in confidence intervals that do not include the population proportion.



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