

Useful Calculator Functions Syntax

- 1-Var Stats - 1-VarStats DataList [, FreqList]
- binompdf - binompdf( $n$ ,  $p$ ,  $r$ )
- binomcdf - binomcdf( $n$ ,  $p$ ,  $r$ )
- normalcdf - normalcdf(lower bound, upper bound,  $\mu$ ,  $\sigma$ )
- invNorm - invNorm( $p$ ,  $\mu$ ,  $\sigma$ )
- invT - invT( $p$ , degrees of freedom)
- ZInterval - ZInterval( $\sigma$ ,  $\bar{x}$ ,  $n$ ,  $c$ ) OR ZInterval( $\sigma$ , List, Freq,  $c$ )
- TInterval - TInterval( $\bar{x}$ ,  $s_x$ ,  $n$ ,  $c$ ) OR TInterval(List, Freq,  $c$ )
- 1-PropZInt - 1-PropZInt( $x$ ,  $n$ ,  $c$ )
- 2-SampZInt - 2-SampZInt( $\sigma_1$ ,  $\sigma_2$ ,  $\bar{x}_1$ ,  $n_1$ ,  $\bar{x}_2$ ,  $n_2$ ,  $c$ ) OR 2-SampZInt( $\sigma_1$ ,  $\sigma_2$ , List1, List2, Freq1, Freq2,  $c$ )
- 2-SampTInt - 2-SampTInt( $\bar{x}_1$ ,  $s_{x_1}$ ,  $n_1$ ,  $\bar{x}_2$ ,  $s_{x_2}$ ,  $n_2$ ,  $c$ , Pooled) OR 2-SampTInt(List1, List2, Freq1, Freq2,  $c$ , Pooled)
- 2-PropZInt - 2-PropZInt( $x_1$ ,  $n_1$ ,  $x_2$ ,  $n_2$ ,  $c$ )
- Z-Test - Z-Test( $\mu_0$ ,  $\sigma$ ,  $\bar{x}$ ,  $n$ , alternate hypothesis) OR Z-Test( $\mu_0$ ,  $\sigma$ , List, Freq, alternate hypothesis)
- T-Test - T-Test( $\mu_0$ ,  $\bar{x}$ ,  $s$ ,  $n$ , alternate hypothesis) OR T-Test( $\mu_0$ , List, Freq, alternate hypothesis)
- 1-PropZTest - 1-PropZTest( $p_0$ ,  $x$ ,  $n$ , alternate hypothesis)
- 2-SampZTest - 2-SampZTest( $\sigma_1$ ,  $\sigma_2$ ,  $\bar{x}_1$ ,  $n_1$ ,  $\bar{x}_2$ ,  $n_2$ , alternate hypothesis) OR 2-SampZTest( $\sigma_1$ ,  $\sigma_2$ , List1, List2, Freq1, Freq2, alternate hypothesis)
- 2-SampTTest - 2-SampTTest( $\bar{x}_1$ ,  $s_{x_1}$ ,  $n_1$ ,  $\bar{x}_2$ ,  $s_{x_2}$ ,  $n_2$ , alternate hypothesis, Pooled) OR 2-SampTTest(List1, List2, Freq1, Freq2, alternate hypothesis, Pooled)
- 2-PropZTest - 2-PropZTest( $x_1$ ,  $n_1$ ,  $x_2$ ,  $n_2$ , alternate hypothesis)
- LinReg(a+bx) - LinReg(a+bx) Xlist, Ylist
- LinRegTInt - LinRegTInt(Xlist, Ylist, Freq,  $c$ )
- LinRegTTest - LinRegTTest(Xlist, Ylist, Freq, alternate hypothesis)
- $\chi^2$ -Test -  $\chi^2$ -Test (Observed matrix, Expected matrix)
- $\chi^2$ GOF-Test -  $\chi^2$ GOF-Test (Observed list, Expected list, d.f.)
- $\chi^2$ cdf -  $\chi^2$ cdf(lower bound, upper bound, d.f.)