

How to use the t calculator

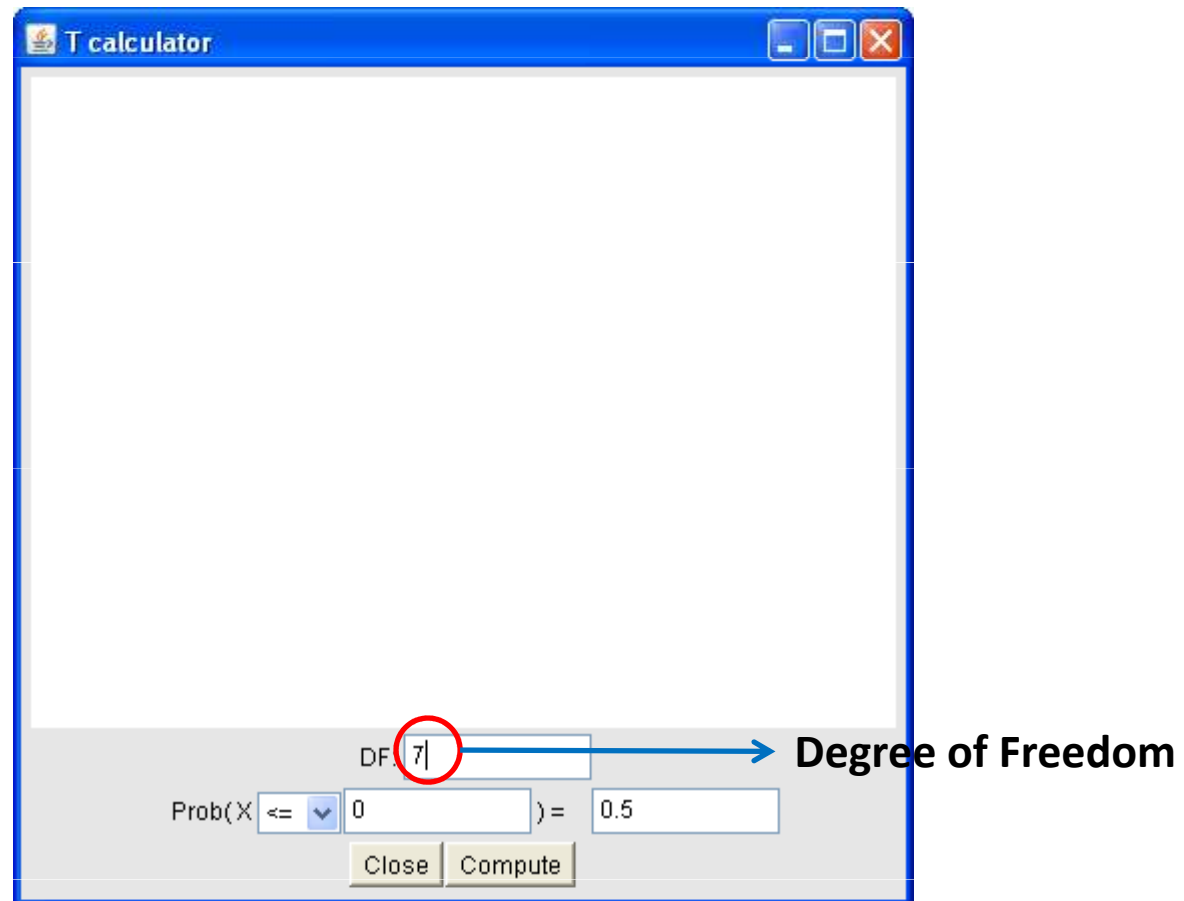
Degree of Freedom: 7

Try to Find c which make $P(X \leq c) = .025$

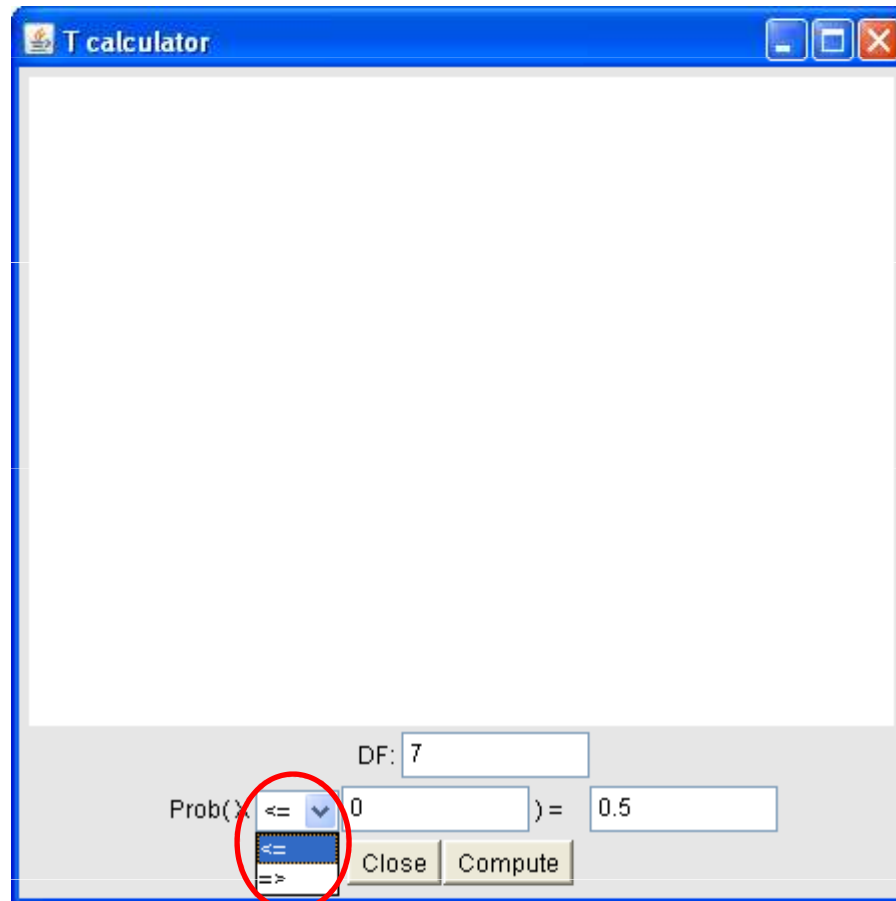
STEP 1. SELECT STAT → CALCULATOR → T

The screenshot shows the StatCrunch web interface. The top navigation bar includes 'StatCrunch', 'Data', 'Stat', 'Graphics', and 'Help'. The main window is a spreadsheet with columns labeled 'var1' through 'var13' and rows numbered 1 to 23. The 'Stat' menu is open, showing options like 'Summary Stats', 'Tables', 'Z statistics', 'Proportions', 'T statistics', 'Variance', 'Regression', 'ANOVA', 'Nonparametrics', 'Goodness-of-fit', 'Control Charts', and 'Calculators'. The 'Calculators' option is highlighted, and a sub-menu is displayed with the following items: Beta, Binomial, Cauchy, Chi-Square, Exponential, F, Gamma, Normal, Poisson, T, and Weibull. The 'T' option is highlighted in blue. At the bottom left, there is a small text box: 'See a gray box above? [Download Java](#) - Copyright Integrated Analytics LLC. Integrated Analytics LLC disclaims any warranty that this software will be free of errors or any other defect of any kind.'

STEP 2. PLUG-IN Degree of Freedom

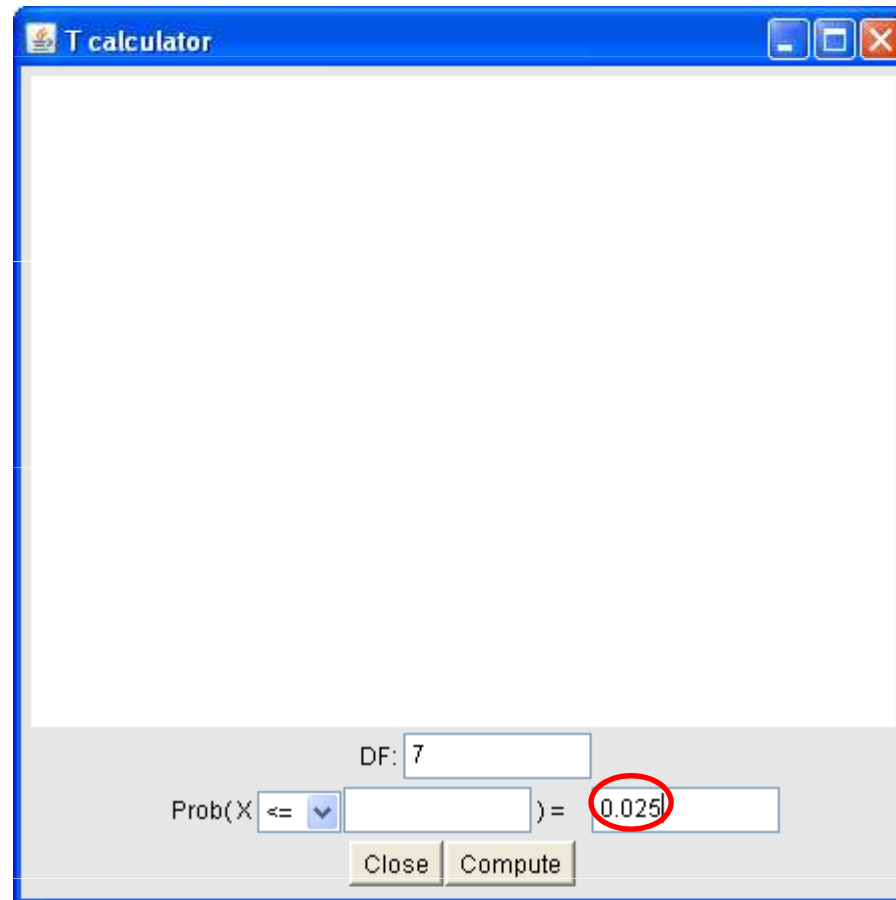


STEP 3. CHANGE SIGN ← Try to $P(X \leq c) = .025$



Change Sign

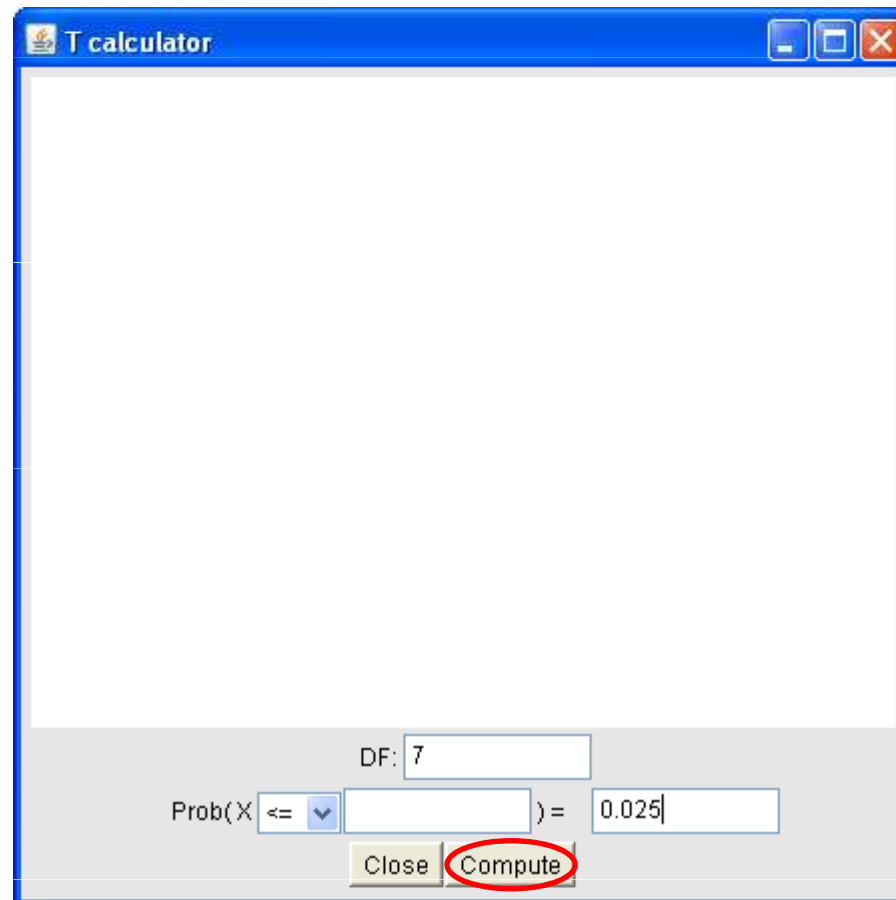
STEP 4. PLUG-IN .025 in Red Circle



The image shows a window titled "T calculator" with a blue border and standard window controls (minimize, maximize, close). The window contains a large empty white area. At the bottom, there is a grey control panel with the following elements:

- A text label "DF:" followed by a text input field containing the number "7".
- A text label "Prob(X" followed by a dropdown menu showing "<=" and a downward arrow, then an empty text input field, followed by a closing parenthesis ")", an equals sign "=", and a text input field containing "0.025". The "0.025" is circled in red.
- Two buttons: "Close" and "Compute".

STEP 5. PRESS “COMPUTE”



The image shows a software window titled "T calculator". The window contains a large empty white area for a graph or plot. At the bottom, there is a control panel with the following elements:

- A text label "DF:" followed by a text input field containing the number "7".
- A text label "Prob(X" followed by a dropdown menu showing "<=" and a text input field.
- A text label ")" followed by an equals sign "=" and a text input field containing the value "0.025".
- Two buttons: "Close" and "Compute". The "Compute" button is circled in red.

STEP 6. GET YOUR ANSWER

