

How to Use Gamma Calculator

Alpha=1, Beta=.25

Try to Find $P(X \geq .7)$

STEP 1. SELECT STAT → CALCULATOR → GAMMA

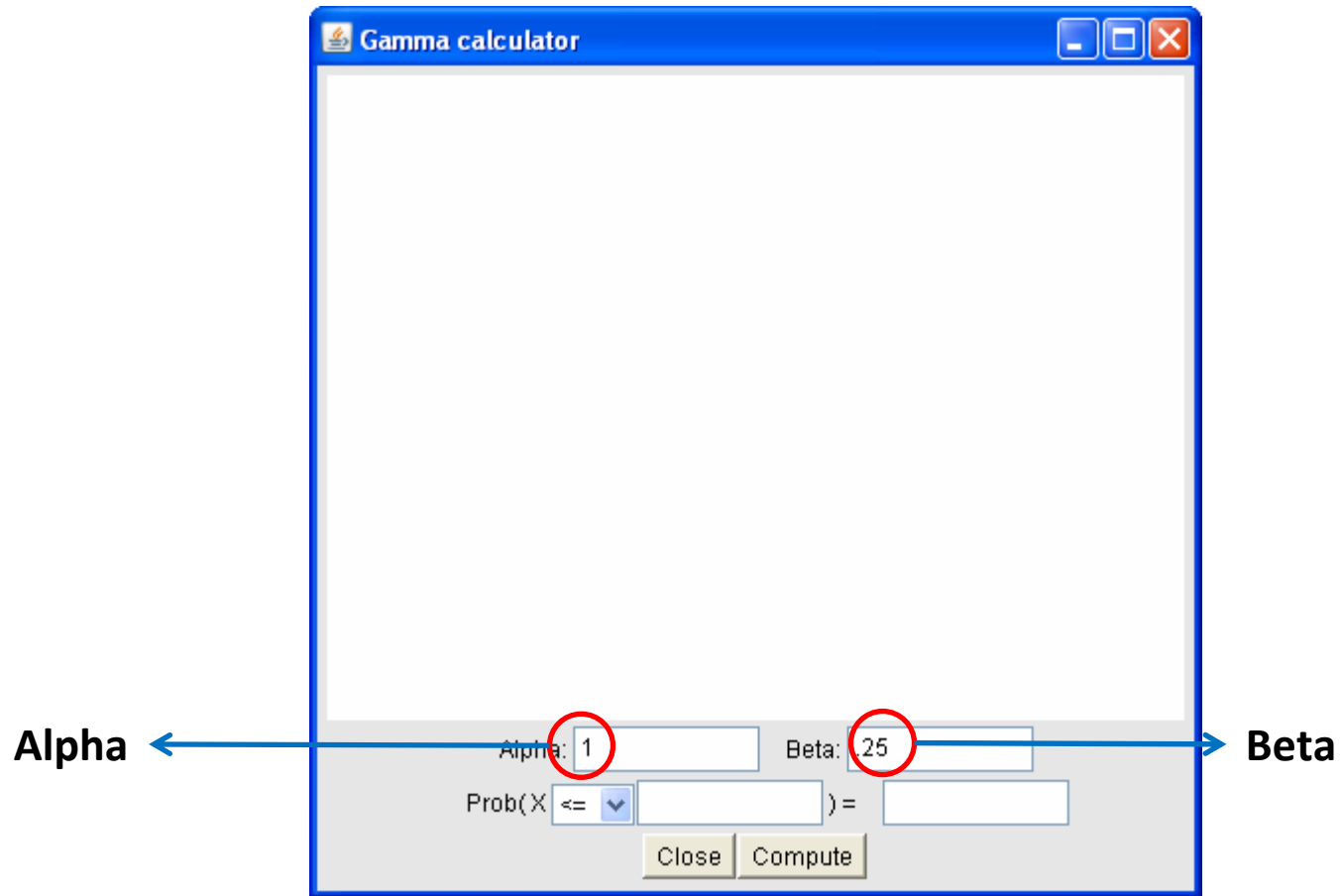
The screenshot shows the StatCrunch web interface. The top navigation bar includes tabs for 'StatCrunch', 'Data', 'Stat', 'Graphics', and 'Help'. The main area is a grid with columns labeled 'var1' through 'var13' and rows numbered 1 to 23. A dropdown menu is open under the 'Stat' tab, listing various statistical functions. The 'Calculators' option is selected, opening a sub-menu where 'Gamma' is highlighted. Other options in the 'Calculators' sub-menu include Beta, Binomial, Cauchy, Chi-Square, Exponential, F, Normal, Poisson, T, and Weibull.

StatCrunch Data Stat Graphics Help Untitled

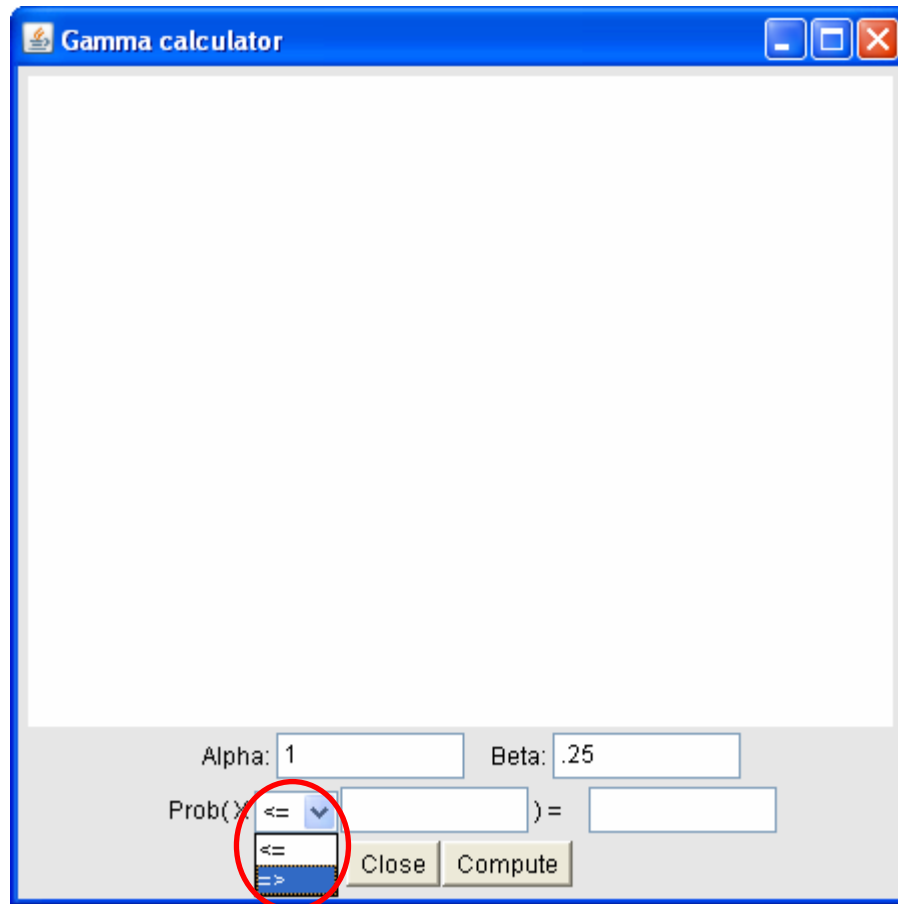
Row	var1	var4	var5	var6	var7	var8	var9	var10	var11	var12	var13
1											
2											
3											
4											
5											
6											
7											
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STEP 2. PLUG-IN Alpha and Beta

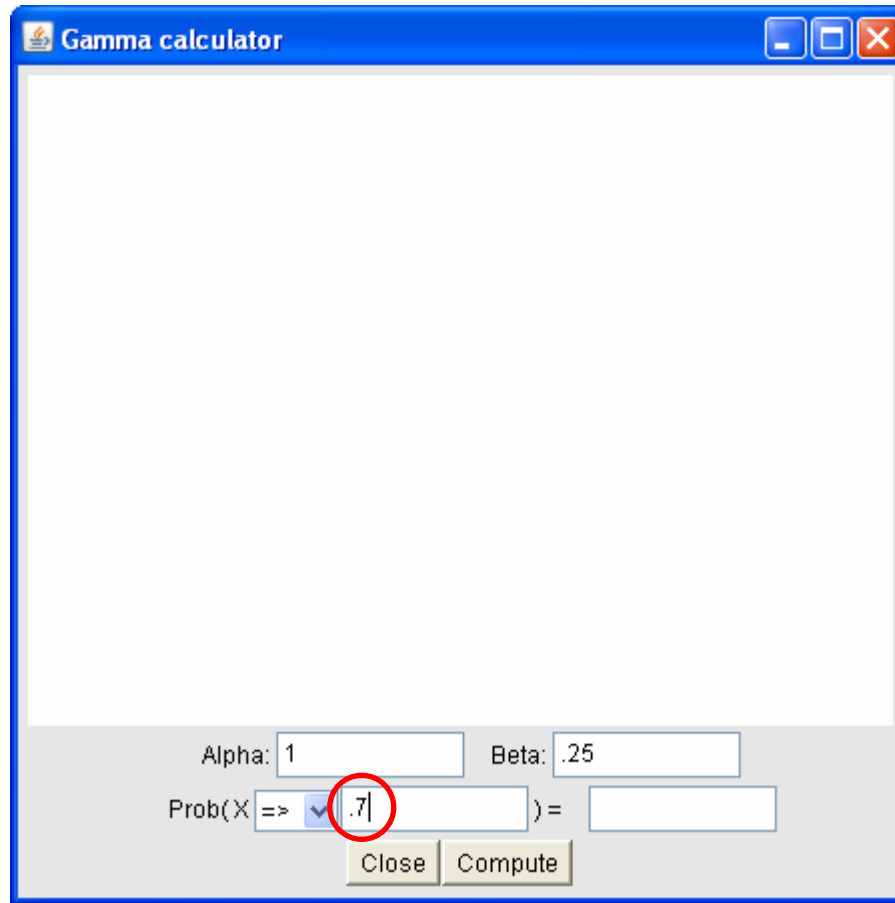


STEP 3. CHANGE SIGN ← Try to find $P(X \geq .7)$



Change Sign

STEP 4. PLUG-IN .7 in Red Circle



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

- Alpha:
- Beta:
- Prob(X =>) =
- Buttons: Close, Compute

The value ".7" in the dropdown menu is circled in red.

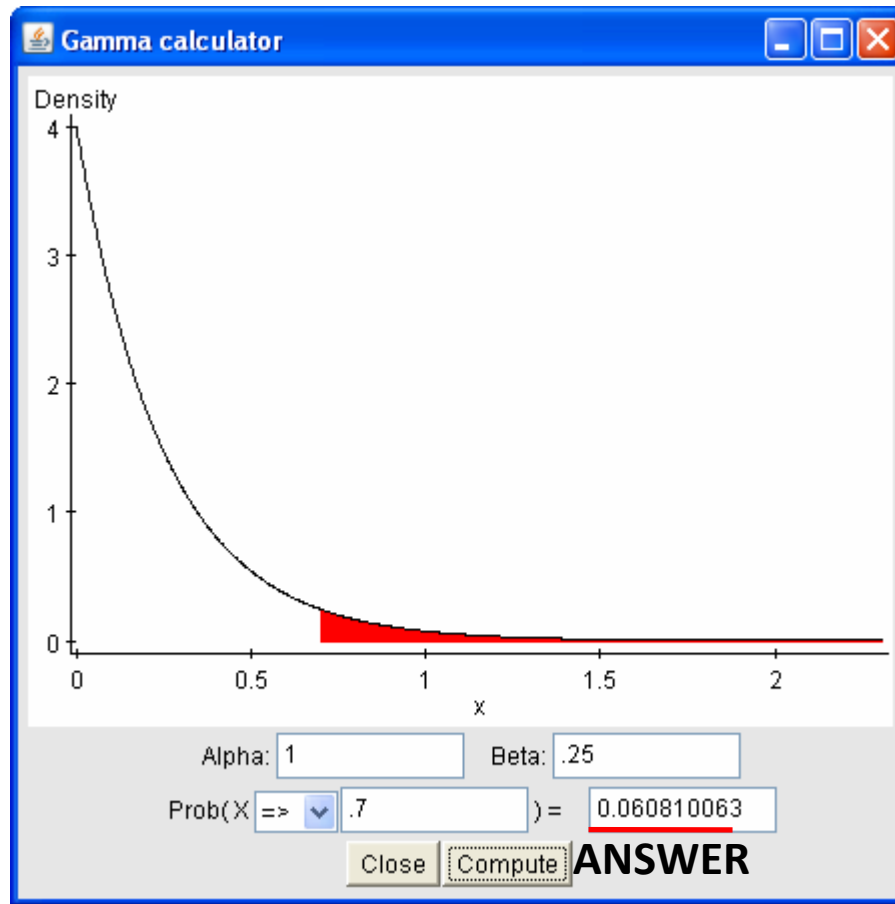
STEP 5. PRESS “COMPUTE”

The screenshot shows a window titled "Gamma calculator" with a blue border and standard window controls (minimize, maximize, close). The main area is empty. At the bottom, there is a grey panel containing input fields and buttons. The "Alpha" field contains the value "1" and the "Beta" field contains ".25". Below these, the text "Prob(X => | .7 |)" is displayed, with a dropdown arrow pointing down and a text input field containing ".7". To the right of the text is an empty output field. At the bottom of the panel are two buttons: "Close" and "Compute". The "Compute" button is circled in red.

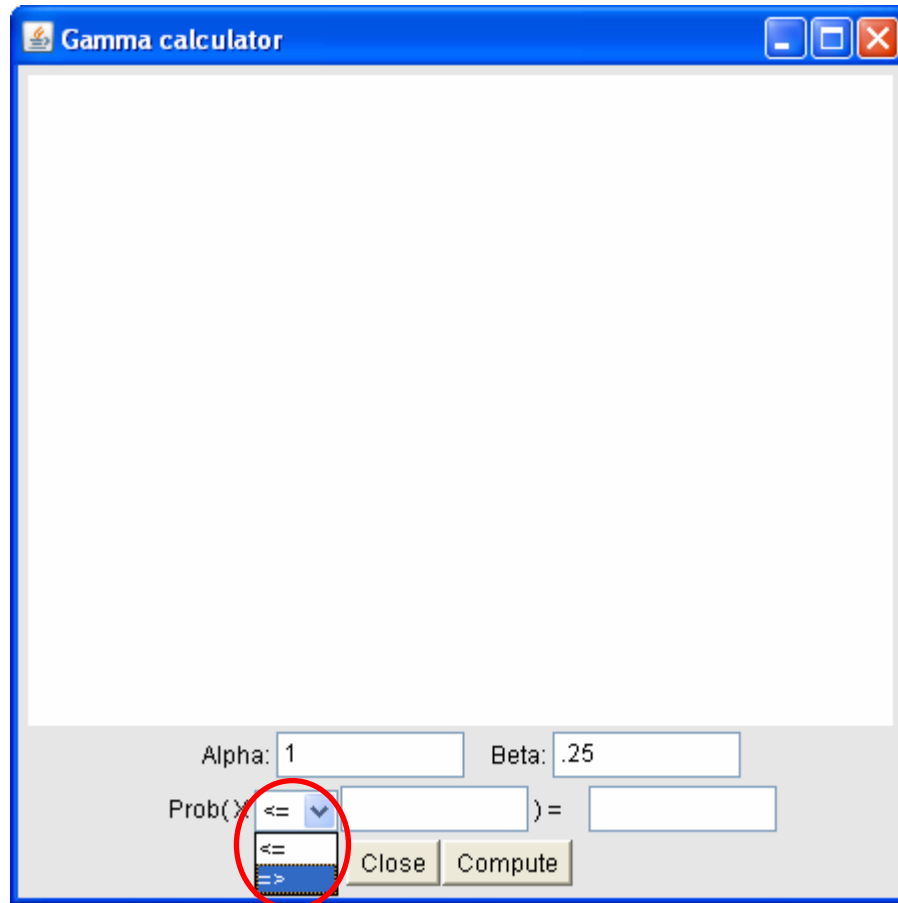
Alpha: Beta:

Prob(X => | |) =

STEP 6. GET YOUR ANSWER



By Changing the Sign, You Can Also Get $P(X \leq .7)$, $P(X \geq .7)$.



Change Sign