

Calculator Directions for Casio FX-300ES PLUS

One Variable Statistics (Mean, Standard Deviation)

1. Press **MODE** **2:STAT** **1:1-VAR**

To show frequency column:

1. Press **SHIFT** **MODE**, then arrow down to the next list of options
2. Press **3:STAT** **1:ON**

-You can then enter data directly into the list

To enter data:

1. Press **SHIFT** **1** (shows **STAT** above the key) **2:DATA**
2. Enter values into X column
3. Enter frequency values if given
4. Press **AC** to return to main screen and save the data

One Variable Statistical Values:

1. Press **SHIFT** **1** (shows **STAT** above the key) **3:SUM**
-Sum of all values (**2:Σx**), Sum of squared values (**1:Σx²**)
2. Press **SHIFT** **1** (shows **STAT** above the key) **4:VAR**
-Mean (**2: \bar{x}**), Population Standard Deviation (**3: σ_x**), Sample Standard Deviation (**4: S_x**)
3. Press **SHIFT** **1** (shows **STAT** above the key) **5:MINMAX**
-First Quartile (**3: Q1**), Median (**4: med**), Third Quartile (**5: Q3**), Min (**1:minX**), Max (**2:maxX**)

Two Variable Statistics (Linear Regression)

1. Press **MODE** **2:STAT** **2:A+BX**

To enter data:

1. Press **SHIFT** **1** (shows **STAT** above the key) **2:DATA**
1. Enter x values and y values into columns
2. Enter frequency values if given
3. Press **AC** to return to main screen

Two Variable Statistical Values:

1. Press **SHIFT** **1** (shows **STAT** above the key) **4:VAR**
-Mean (**2: \bar{x}** , **5: \bar{y}**), Population Standard Deviation (**3: σ_x** , **6: σ_y**), Sample Standard Deviation (**4: S_x** , **7: S_y**)
2. Press **SHIFT** **1** (shows **STAT** above the key) **6:MINMAX**
- Minimum for X (**1:MinX**), Minimum for Y (**3:MinY**), Maximum for X (**2:MaxX**), Maximum for Y (**4:MaxY**)
3. Press **SHIFT** **1** (shows **STAT** above the key) **5:REG**
-Y intercept (**1:A**), Slope (**2:B**), Correlation Coefficient (**3:r**)