<table>
<thead>
<tr>
<th>COMMAND (ARGUMENTS)</th>
<th>RESULT</th>
<th>KEYS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-VarStats (X listname)</td>
<td>Summary of univariate statistics on data in X listname</td>
<td>STAT/CALC/1-Var Stats</td>
</tr>
<tr>
<td>2-VarStats (X list, Y list)</td>
<td>Summary of bivariate statistics on data in Xlistname and Ylistname</td>
<td>STAT/CALC/2-Var Stats</td>
</tr>
<tr>
<td>ZoomStat</td>
<td>Defines viewing window so that all data points are displayed in a StatPlot</td>
<td>ZOOM/9</td>
</tr>
<tr>
<td>Normalcdf (min, max, µ, σ)</td>
<td>Computes cumulative probability for normal distribution between bounds for given mean and standard deviation</td>
<td>2ND/VARS/normalcdf</td>
</tr>
<tr>
<td>InvNorm (area, µ, σ)</td>
<td>Computes value for given area under normal curve with given mean µ and standard deviation σ</td>
<td>2ND/VARS/invNorm</td>
</tr>
<tr>
<td>DiagnosticOn</td>
<td>Turns on display of r, r², R²</td>
<td>2ND/0/&quot;D&quot;/DiagnosticOn</td>
</tr>
<tr>
<td>LinReg (a+bx)</td>
<td>Fits linear regression to list data, equation stored to Y name</td>
<td>STAT/CALC/LinReg(a+bx)</td>
</tr>
<tr>
<td>randInt (lower, upper, # trials)</td>
<td>Displays random integer between given bounds for specified number of trials</td>
<td>MATH/PRB/randInt</td>
</tr>
<tr>
<td>Binompdf (n, p, x)</td>
<td>Computes probability at X for binomial distribution with probability p of success on one trial</td>
<td>2ND/VARS/Binompdf</td>
</tr>
<tr>
<td><strong>Function</strong></td>
<td>Description</td>
<td>Command</td>
</tr>
<tr>
<td>--------------------</td>
<td>-----------------------------------------------------------------------------</td>
<td>------------------</td>
</tr>
<tr>
<td><strong>Binomcdf</strong> (n, p, x)</td>
<td>Computes cumulative probability at X for binomial distribution with probability p of success on one trial</td>
<td>2ND/VARS/Binomcdf</td>
</tr>
<tr>
<td><strong>Geometpdf</strong> (p, x)</td>
<td>Computes probability at trial X for geometric distribution with probability p of success on one trial</td>
<td>2ND/VARS/geometpdf</td>
</tr>
<tr>
<td><strong>Geometcdf</strong> (p, x)</td>
<td>Computes cumulative probability at trial X for geometric distribution with probability p of success on one trial</td>
<td>2ND/VARS/geometcdf</td>
</tr>
<tr>
<td><strong>1-Prop Z Test</strong></td>
<td>Performs a hypothesis test for one proportion</td>
<td>STAT/TESTS/1-PropZTest</td>
</tr>
<tr>
<td><strong>1-Prop Z Interval</strong></td>
<td>Calculates a one sample confidence interval for proportions</td>
<td>STAT/TESTS/1-PropZInt</td>
</tr>
<tr>
<td><strong>2-Prop Z Test</strong></td>
<td>Performs a hypothesis test comparing two proportions</td>
<td>STAT/Tests/2-PropZTest</td>
</tr>
<tr>
<td><strong>2-Prop Z Interval</strong></td>
<td>Calculates a two sample confidence interval for proportions</td>
<td>STAT/TESTS/2-PropZInt</td>
</tr>
<tr>
<td><strong>T-Test</strong></td>
<td>Performs a hypothesis test for a mean with either data list or given statistics</td>
<td>STAT/TESTS/T-Test</td>
</tr>
<tr>
<td><strong>tcdf</strong> (min, max, df)</td>
<td>Computes the t-distribution probability between lowerbound and upperbound for given df</td>
<td>2ND/VARS/tcdf</td>
</tr>
<tr>
<td><strong>T-Interval</strong></td>
<td>Computes a confidence interval for a population mean with either data list or given statistics</td>
<td>STAT/TESTS/TInterval</td>
</tr>
<tr>
<td><strong>2-Sample T Test</strong></td>
<td>Performs a hypothesis test comparing two means with either data list or given statistics</td>
<td>STAT/TESTS/2-SampTTest</td>
</tr>
<tr>
<td>---------------------</td>
<td>--------------------------------------------------------------------------------------</td>
<td>------------------------</td>
</tr>
<tr>
<td><strong>2-Sample T Interval</strong></td>
<td>Computes a confidence interval comparing two means with either data list or given statistics</td>
<td>STAT/TESTS/2-SampTInt</td>
</tr>
<tr>
<td><strong>χ²-Test</strong></td>
<td>Performs chi-square test using Matrix [A] for expected counts</td>
<td>STAT/Tests/χ²-Test</td>
</tr>
<tr>
<td><strong>χ²cdf(min, max, df)</strong></td>
<td>Computes the χ²-distribution probability between lowerbound and upperbound for given df</td>
<td>2ND/VARS/χ²cdf</td>
</tr>
<tr>
<td><strong>LinRegTTest</strong></td>
<td>Performs linear regression and a t-test</td>
<td>STAT/TESTS/LinRegTTest</td>
</tr>
</tbody>
</table>