

## **Program Specifications – CLT HT CI – LUMAT 08.**

Program Name: **BINPOP.**

Purpose:

Produces a 0,1 population with the proportion of 0s determined by the user and stores it in List1 of File 2 on the Casio 9860AU.

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Program Name: **SEESAMPS.**

Purpose:

This program is a random sampler. It chooses SRS from the elements within List 1 of the active File. Currently limited to 5 samples, the size of which the user can choose. Run BINPOP or another 'POP' program first.

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Program Name: **REPSAMPR.**

Purpose:

This program allows you to repeatedly sample from the elements within List1 of the active File. Run BINPOP or another 'POP' program first. The program computes the sample proportion, displays it on screen and then samples again and displays and so on. User can choose how many samples to take.

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Program Name: **SEEPSOPS.**

Purpose:

This program does exactly what REPSAMPR does except it stores the proportions in List2 of the active File so you are able to investigate the distribution of proportions.

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Program Names: **NORMPOP, SKEWPOP1, SKEWPOP2, SKEWPOP3, REPSAMMU, SEEMEANS**

Purpose:

This set of programs behave as those above, but for populations of continuous variables and not binary variables and therefore, for means and not proportions.

Note that SEESAMPS works for both type of populations.