

Labwork4: Hypothesis Test

Practice the **excel functions** to do the following tasks. Note that you can use the given datasets "SinhVienCaoDang.xlsx", "SuckhoeTreEm.xlsx" or your own proposed data.

- (1) Compute normal p-value and critical value respect to normal distribution:
 - Use NORMDIST and NORMSDIS to compute the p-values
 - Use NORMINV and NORMSINV to compute the critical values
- (2) Compute Student p-value and critical value respect to Student distribution:
 - Use TDIST to compute the Student p-values
 - Use TMINV to compute the critical values
- (3) Compute cumulative probabilities and x values for any Chi-squared distribution:
 - Use CHI.DIST to compute the cumulative probability given an x value, p-value
 - Use CHI.INV to compute the x value given a cumulative probability, critical value
- (4) Compute cumulative probabilities and x values for any Fisher-Snedecor distribution:
 - Use F.DIST to compute the cumulative probability given an x value, p-value
 - Use F.INV to compute the x value given a cumulative probability, critical value

Note:

- The labwork will be required to submit to either google classroom or google drive folder to the course (will be informed later).