

Helpful Spreadsheet Commands for Exp. 5

mathematical operations: +, -, *, ^, SQRT

relations: =, <, >, <=, >=

IF

ABS

MAX

MIN

COUNT

SUM

AVERAGE

STDEV [all versions of Excel] or STDEV.S [later than Excel 2007]

FINV(0.05,dof1,dof2) [all versions of Excel] or F.INV.RT [later than Excel 2007]

TINV(0.05,dof) [all versions of Excel] or T.INV.2T [later than Excel 2007]

The above arguments for FINV and TINV will return the table values for the F test or t test at the 95% confidence level. The degrees of freedom, dof, for the F test follow $F_{\text{calc}} = s_1^2/s_2^2 \geq 1$ where dof1 are the degrees of freedom for s_1 and dof2 the degrees of freedom for s_2 .

OFFSET (use only if you want to get “fancy”)