

In the last class, we worked with an intractably complex set of relationships (Format | Page). This time, we will work with a set of relationships that we can simplify to be manageable.

Remember the process demonstrated in the lecture:

- 1) Identify the variables of interest
- 2) Determine whether any of the variables are dependent on the others. (If so, you would have to figure out a way to manage this so that what you test can be treated as independent.)
- 3) Do a domain analysis of the variables of interest (or use some other sampling method to obtain values for these variables) in order to obtain a small number of values for combination testing.
- 4) Test the invalid values of interest in separate, standalone tests.
- 5) Test the valid values in combination tests.

For the following dialogs (feel free to substitute OOo 2 equivalents), taken together, apply that method

- A) identify the variables of interest
- B) For your first task, list a few (3 to 5) of them, analyze them up to and including
 - determining how many tests there would be in an all-N-tuples test set
 - determining how many tests there would be in an all-singles test set *and list them*
 - create an all-pairs test set
- C) Add the rest of the variables of interest to your set, and redo task B with all of them

Please submit this by the end of class (up to midnight tonight). I will grade your answers to A & B for lab credit and will give feedback on your approach / solution to C.



