Advanced Stata topics

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- Merging data. Check this page from UCLA describing merging. You can also read more about it on the section *Combining Two or More Stata Files* in the Hamilton book (version 12) on page 46.
- Converting strings to numbers. That is done with the `destring` command and the UCLA website describes this command in more detail. There is a short example with `destring` on page 39 of the Hamilton book.
- Create date variables. A related task to working with strings is converting strings into *date* variables that will be properly recognized by Stata. This UCLA page shows how to do it.
- Power and Sample size. Probably one of the most significant updates in Stata 14 is expanded tools for power and sample size calculations. This is mainly done via the `power` command. Stata also created a set of tutorial videos on how to do these calculations. Like I said, some scenarios are very complicated and need simulations for approximating power and sample size calculations. But this is a very good start. Finally, I haven't used this website but it seems useful.

List of links (in case you are printing this page):

- http://www.ats.ucla.edu/stat/stata/faq/multmerge.htm
- http://www.ats.ucla.edu/stat/stata/faq/destring.htm
- http://www.ats.ucla.edu/stat/stata/faq/string_dates.htm
- http://www.stata.com/features/power-and-sample-size/
- https://www.youtube.com/playlist?list=PLN5IskQdgXWmExGRjdy0s0VCdYnzGMZrT
- http://powerandsamplesize.com/

Remember that all the material can I made and is public is available at https://github.com/lcolladotor/kandahar. The restricted access material is available via http://courseplus.jhu.edu/.