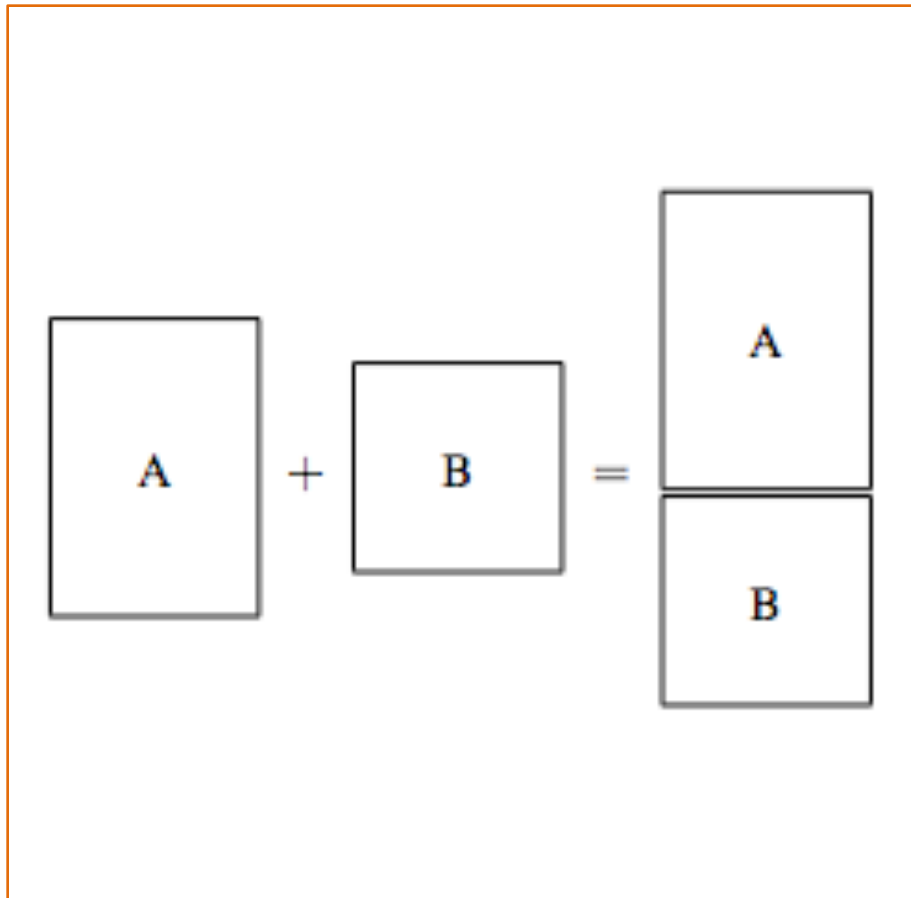


Append



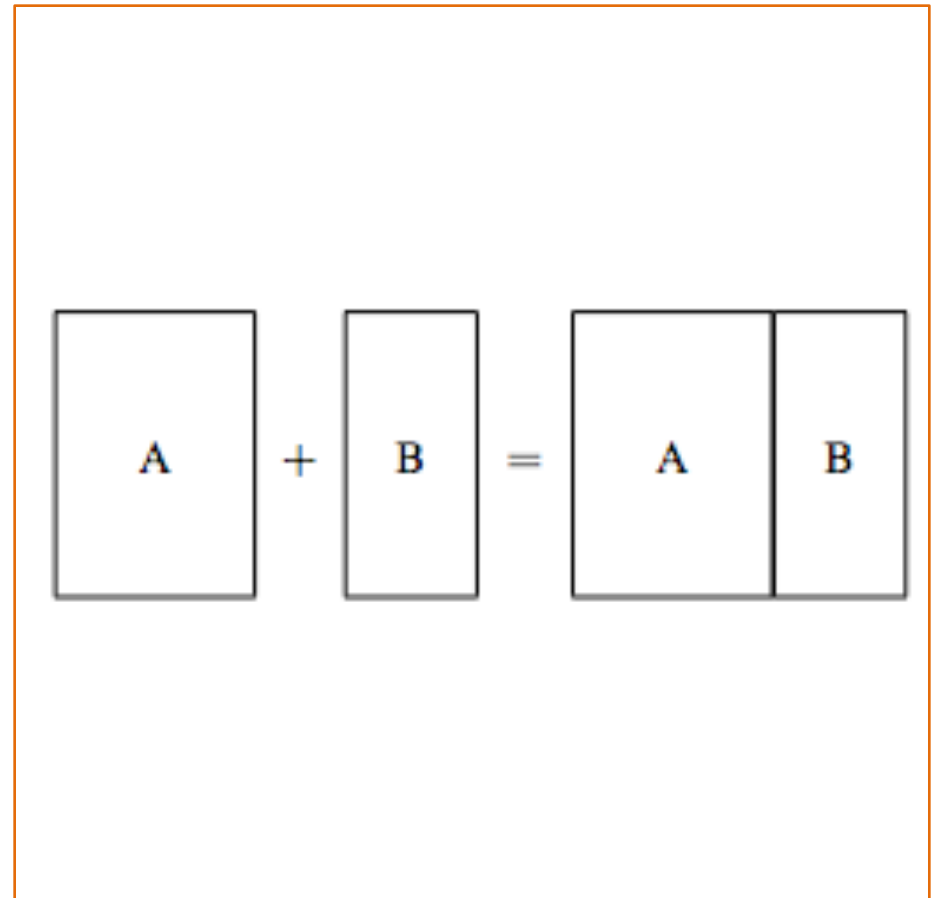
Example:

A = Data on graduating students from UC Berkeley 2005-2011

B = Data on graduating students from UC Berkeley 2011-2016

A+B = Data on graduating students from UC Berkeley 2005-2016

Merge



Example:

A = Questionnaire part 1 taken by graduating students in 2015

B = Questionnaire part 2 taken by graduating students in 2015

A+B = Questionnaire 1 & 2 data for graduating students in 2015

Append

Data on families 1 and 2

famid	childid	age	gender
1	1	9	1
1	2	6	0
1	3	3	0
2	1	8	0
2	2	6	1
2	3	2	1

+

Data on family 3

famid	childid	age	gender
3	1	6	0
3	2	4	1
3	3	2	0

famid	childid	age	gender
1	1	9	1
1	2	6	0
1	3	3	0
2	1	8	0
2	2	6	1
2	3	2	1
3	1	6	0
3	2	4	1
3	3	2	0

Merge

Data on variables: income and unemployment insurance

id	inc80	inc81	inc82	ue80	ue81	ue82
1	5000	5500	6000	0	1	0
2	2000	2200	3300	1	0	0
3	3000	2000	1000	0	0	1

+

Data on variables: sex

id	sex
1	0
2	1
3	0

=

id	inc80	inc81	inc82	ue80	ue81	ue82	sex
1	5000	5500	6000	0	1	0	0
2	2000	2200	3300	1	0	0	1
3	3000	2000	1000	0	0	1	0

Reshape

Wide

id	sex	inc80	inc81	inc82	ue80	ue81	ue82
1	0	5000	5500	6000	0	1	0
2	1	2000	2200	3300	1	0	0
3	0	3000	2000	1000	0	0	1

Long

id	year	sex	inc	ue
1	80	0	5000	0
1	81	0	5500	1
1	82	0	6000	0
2	80	1	2000	1
2	81	1	2200	0
2	82	1	3300	0
3	80	0	3000	0
3	81	0	2000	0
3	82	0	1000	1

Macros

- Macros are names you can give to various objects in stata including strings, estimation results, or any numerical value you want it to represent.
- Global macro – remains in memory for the session
- Local macro – exists only within the block of code you run

Macros: Syntax

- After you have created a global or a local macro and you want to `call' it, you need to use a specific syntax for each:
 - For global: use \$ in front of the global macro's name (e.g. \$mymacro)
 - For local: use ` ' to envelope the local macro's name (e.g. `mymacro').
 - Note: The two apostrophes are different.