```
  ___  ____  ____  ____  ____ ®
 /__    /   ____/   /   ____/      Stata 18.0
___/   /   /___/   /   /___/       SE—Standard Edition

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Notes:
      1. Unicode is supported; see help unicode_advice.
      2. Maximum number of variables is set to 5,000 but can be increased; see help set_maxvar.

1 .
2 .
3 .
4 . import delimited "/Users/williamschlickenmaier/Library/CloudStorage/Box–Box/Articles/Cohort Survey Study/cohortsurvey2.csv"
(encoding automatically selected: UTF–8)
Note: Unmatched quote while processing row 116; this can be due to a formatting problem in the file or because a quoted data element
    spans multiple lines. You should carefully inspect your data after importing. Consider using option bindquote(strict) if quoted
    data spans multiple lines or option bindquote(nobind) if quotes are not used for binding data.
Note: Unmatched quote while processing row 120; this can be due to a formatting problem in the file or because a quoted data element
    spans multiple lines. You should carefully inspect your data after importing. Consider using option bindquote(strict) if quoted
    data spans multiple lines or option bindquote(nobind) if quotes are not used for binding data.
(39 vars, 130 obs)

5 . crosstab
command crosstab is unrecognized
r(199);

6 . summarize

    Variable |        Obs        Mean    Std. dev.       Min        Max
-------------+---------------------------------------------------------
   startdate |          0
     enddate |          0
    progress |          0
    finished |          0
recordeddate |          0
-------------+---------------------------------------------------------
      specid |          0
     consent |          0
undergrads~l |          0
    graduate |        101    2025.475    1.847128       2021       2028
       major |          0
-------------+---------------------------------------------------------
     country |          0
     eccount |         96     2.65625    2.170754          1         11
ecnatsecco~t |         96    .4479167    .6302847          0          3
         v14 |          0
     introyn |         99    .7272727    .4476283          0          1
-------------+---------------------------------------------------------
        alum |          0
  comebackyn |         62    .1612903     .370801          0          1
         v18 |          0
      usfpyn |         98     .377551    .4872669          0          1
         v20 |          0
-------------+---------------------------------------------------------
usfpcomeback |         32      .40625    .4989909          0          1
     discord |          0
  discordynb |         44    .6136364    .4925448          0          1
   otheralum |          0
      referyn |         42    .6904762    .4679011          0          1
```

comboparti~t	42	1.547619	.9422956	0	3
comboparti~n	42	.8571429	.3541688	0	1
natseccareer	0				
nsfpyn	80	.9	.3018928	0	1
why	0				
pursuenatsec	0				
nsfppursueyn	78	.4230769	.4972452	0	1
why2	0				
careercenter	0				
cawleyyn	78	.6538462	.4788222	0	1
careercent~e	69	4.710145	2.307924	1	10
alumnicareer	0				
alumniyn	79	.7088608	.4571904	0	1
alumnihelp	63	6.68254	2.395058	1	10

```
 7 . bysort usfpyn introyn summarize nfspyn
: required
r(100);

 8 . bysort usfpyn introyn: summarize nfspyn

-------------------------------------------------------------------------------------------------------------------------------
-> usfpyn = 0, introyn = 1
variable nfspyn not found
r(111);

 9 . summarize nsfpyn

    Variable |        Obs        Mean    Std. dev.       Min        Max
-------------+---------------------------------------------------------
      nsfpyn |         80          .9    .3018928          0          1

10 . bysort usfpyn introyn: summarize nsfpyn

-------------------------------------------------------------------------------------------------------------------------------
-> usfpyn = 0, introyn = 1

    Variable |        Obs        Mean    Std. dev.       Min        Max
-------------+---------------------------------------------------------
      nsfpyn |         47    .8297872    .3798826          0          1

-------------------------------------------------------------------------------------------------------------------------------
-> usfpyn = 1, introyn = 0

    Variable |        Obs        Mean    Std. dev.       Min        Max
-------------+---------------------------------------------------------
      nsfpyn |         23           1           0          1          1

-------------------------------------------------------------------------------------------------------------------------------
-> usfpyn = 1, introyn = 1

    Variable |        Obs        Mean    Std. dev.       Min        Max
-------------+---------------------------------------------------------
      nsfpyn |         10           1           0          1          1

-------------------------------------------------------------------------------------------------------------------------------
-> usfpyn = ., introyn = 1

    Variable |        Obs        Mean    Std. dev.       Min        Max
-------------+---------------------------------------------------------
      nsfpyn |          0

-------------------------------------------------------------------------------------------------------------------------------
-> usfpyn = ., introyn = .

    Variable |        Obs        Mean    Std. dev.       Min        Max
-------------+---------------------------------------------------------
      nsfpyn |          0
```

```
11 . bysort usfpyn introyn: summarize nfsppursueyn

-------------------------------------------------------------------------------------------------------------------------------
-> usfpyn = 0, introyn = 1
variable nfsppursueyn not found
r(111);

12 . summarize nfsppursueyn

    Variable |        Obs        Mean    Std. dev.       Min        Max
-------------+---------------------------------------------------------
nsfppursueyn |         78    .4230769    .4972452          0          1

13 . bysort usfpyn introyn: summarize nfsppursueyn

-------------------------------------------------------------------------------------------------------------------------------
-> usfpyn = 0, introyn = 1
variable nfsppursueyn not found
r(111);

14 . summarize nfsppursueyn

    Variable |        Obs        Mean    Std. dev.       Min        Max
-------------+---------------------------------------------------------
nsfppursueyn |         78    .4230769    .4972452          0          1

15 . bysort usfpyn introyn: summarize nfsppursueyn

-------------------------------------------------------------------------------------------------------------------------------
-> usfpyn = 0, introyn = 1
variable nfsppursueyn not found
r(111);

16 . bysort usfpyn introyn: summarize nsfppursueyn

-------------------------------------------------------------------------------------------------------------------------------
-> usfpyn = 0, introyn = 1

    Variable |        Obs        Mean    Std. dev.       Min        Max
-------------+---------------------------------------------------------
nsfppursueyn |         46    .2826087    .4552432          0          1

-------------------------------------------------------------------------------------------------------------------------------
-> usfpyn = 1, introyn = 0

    Variable |        Obs        Mean    Std. dev.       Min        Max
-------------+---------------------------------------------------------
nsfppursueyn |         22    .6363636     .492366          0          1

-------------------------------------------------------------------------------------------------------------------------------
-> usfpyn = 1, introyn = 1

    Variable |        Obs        Mean    Std. dev.       Min        Max
-------------+---------------------------------------------------------
nsfppursueyn |         10          .6    .5163978          0          1

-------------------------------------------------------------------------------------------------------------------------------
-> usfpyn = ., introyn = 1

    Variable |        Obs        Mean    Std. dev.       Min        Max
-------------+---------------------------------------------------------
nsfppursueyn |          0

-------------------------------------------------------------------------------------------------------------------------------
-> usfpyn = ., introyn = .

    Variable |        Obs        Mean    Std. dev.       Min        Max
-------------+---------------------------------------------------------
nsfppursueyn |          0
```

```
17 . bysort usfpyn comboparticipateyn: summarize nsfppursueyn
```

-> usfpyn = 0, comboparticipateyn = 0

Variable	Obs	Mean	Std. dev.	Min	Max
nsfppursueyn	2	.5	.7071068	0	1

-> usfpyn = 0, comboparticipateyn = 1

Variable	Obs	Mean	Std. dev.	Min	Max
nsfppursueyn	6	.3333333	.5163978	0	1

-> usfpyn = 0, comboparticipateyn = .

Variable	Obs	Mean	Std. dev.	Min	Max
nsfppursueyn	38	.2631579	.4462583	0	1

-> usfpyn = 1, comboparticipateyn = 0

Variable	Obs	Mean	Std. dev.	Min	Max
nsfppursueyn	1	1	.	1	1

-> usfpyn = 1, comboparticipateyn = 1

Variable	Obs	Mean	Std. dev.	Min	Max
nsfppursueyn	27	.5555556	.5063697	0	1

-> usfpyn = 1, comboparticipateyn = .

Variable	Obs	Mean	Std. dev.	Min	Max
nsfppursueyn	4	1	0	1	1

-> usfpyn = ., comboparticipateyn = .

Variable	Obs	Mean	Std. dev.	Min	Max
nsfppursueyn	0				

```
18 . bysort usfpyn comboparticipateyn: summarize nsfppursueyn
```

-> usfpyn = 0, comboparticipateyn = 0

Variable	Obs	Mean	Std. dev.	Min	Max
nsfppursueyn	2	.5	.7071068	0	1

-> usfpyn = 0, comboparticipateyn = 1

Variable	Obs	Mean	Std. dev.	Min	Max
nsfppursueyn	6	.3333333	.5163978	0	1

```
-> usfpyn = 0, comboparticipateyn = .

    Variable |        Obs        Mean    Std. dev.       Min        Max
-------------+---------------------------------------------------------
nsfppursueyn |         38    .2631579    .4462583          0          1

-------------------------------------------------------------------------------
-> usfpyn = 1, comboparticipateyn = 0

    Variable |        Obs        Mean    Std. dev.       Min        Max
-------------+---------------------------------------------------------
nsfppursueyn |          1           1           .          1          1

-------------------------------------------------------------------------------
-> usfpyn = 1, comboparticipateyn = 1

    Variable |        Obs        Mean    Std. dev.       Min        Max
-------------+---------------------------------------------------------
nsfppursueyn |         27    .5555556    .5063697          0          1

-------------------------------------------------------------------------------
-> usfpyn = 1, comboparticipateyn = .

    Variable |        Obs        Mean    Std. dev.       Min        Max
-------------+---------------------------------------------------------
nsfppursueyn |          4           1           0          1          1

-------------------------------------------------------------------------------
-> usfpyn = ., comboparticipateyn = .

    Variable |        Obs        Mean    Std. dev.       Min        Max
-------------+---------------------------------------------------------
nsfppursueyn |          0

19 . bysort usfpyn comboparticipatecount: summarize nsfppursueyn

-------------------------------------------------------------------------------
-> usfpyn = 0, comboparticipatecount = 0

    Variable |        Obs        Mean    Std. dev.       Min        Max
-------------+---------------------------------------------------------
nsfppursueyn |          2          .5    .7071068          0          1

-------------------------------------------------------------------------------
-> usfpyn = 0, comboparticipatecount = 1

    Variable |        Obs        Mean    Std. dev.       Min        Max
-------------+---------------------------------------------------------
nsfppursueyn |          5          .4    .5477226          0          1

-------------------------------------------------------------------------------
-> usfpyn = 0, comboparticipatecount = 2

    Variable |        Obs        Mean    Std. dev.       Min        Max
-------------+---------------------------------------------------------
nsfppursueyn |          1           0           .          0          0

-------------------------------------------------------------------------------
-> usfpyn = 0, comboparticipatecount = .

    Variable |        Obs        Mean    Std. dev.       Min        Max
-------------+---------------------------------------------------------
nsfppursueyn |         38    .2631579    .4462583          0          1

-------------------------------------------------------------------------------
-> usfpyn = 1, comboparticipatecount = 0

    Variable |        Obs        Mean    Std. dev.       Min        Max
-------------+---------------------------------------------------------
nsfppursueyn |          1           1           .          1          1
```

```
-> usfpyn = 1, comboparticipatecount = 1

    Variable |        Obs        Mean    Std. dev.       Min        Max
-------------+---------------------------------------------------------
nsfppursueyn |          7    .7142857      .48795          0          1

-> usfpyn = 1, comboparticipatecount = 2

    Variable |        Obs        Mean    Std. dev.       Min        Max
-------------+---------------------------------------------------------
nsfppursueyn |         13    .6153846    .5063697          0          1

-> usfpyn = 1, comboparticipatecount = 3

    Variable |        Obs        Mean    Std. dev.       Min        Max
-------------+---------------------------------------------------------
nsfppursueyn |          7    .2857143      .48795          0          1

-> usfpyn = 1, comboparticipatecount = .

    Variable |        Obs        Mean    Std. dev.       Min        Max
-------------+---------------------------------------------------------
nsfppursueyn |          4           1           0          1          1

-> usfpyn = ., comboparticipatecount = .

    Variable |        Obs        Mean    Std. dev.       Min        Max
-------------+---------------------------------------------------------
nsfppursueyn |          0

20 . summarize cawleyyn alumniyn

    Variable |        Obs        Mean    Std. dev.       Min        Max
-------------+---------------------------------------------------------
    cawleyyn |         78    .6538462    .4788222          0          1
    alumniyn |         79    .7088608    .4571904          0          1

21 . bysort nfsppursueyn: summarize cawleyyn alumniyn
variable nfsppursueyn not found
r(111);

22 . bysort nsfppursueyn: summarize cawleyyn alumniyn

-> nsfppursueyn = 0

    Variable |        Obs        Mean    Std. dev.       Min        Max
-------------+---------------------------------------------------------
    cawleyyn |         45    .6444444    .4840903          0          1
    alumniyn |         45    .6888889    .4681794          0          1

-> nsfppursueyn = 1

    Variable |        Obs        Mean    Std. dev.       Min        Max
-------------+---------------------------------------------------------
    cawleyyn |         33    .6666667    .4787136          0          1
    alumniyn |         33    .7272727     .452267          0          1

-> nsfppursueyn = .

    Variable |        Obs        Mean    Std. dev.       Min        Max
-------------+---------------------------------------------------------
```

```
    cawleyyn |          0
    alumniyn |          1          1          .          1          1
```

```
23 . summarize cawleyyn
```

```
    Variable |        Obs        Mean    Std. dev.       Min        Max
-------------+---------------------------------------------------------
    cawleyyn |         78    .6538462    .4788222          0          1
```

```
24 . bysort nsfppursueyn: summarize careercenterrate alumnihelp
```

```
-------------------------------------------------------------------------------
-> nsfppursueyn = 0

    Variable |        Obs        Mean    Std. dev.       Min        Max
-------------+---------------------------------------------------------
careercent~e |         39    4.410256    2.048336          1          8
  alumnihelp |         35         6.4     2.19893          1         10

-------------------------------------------------------------------------------
-> nsfppursueyn = 1

    Variable |        Obs        Mean    Std. dev.       Min        Max
-------------+---------------------------------------------------------
careercent~e |         30         5.1    2.591099          1         10
  alumnihelp |         28    7.035714    2.617352          1         10

-------------------------------------------------------------------------------
-> nsfppursueyn = .

    Variable |        Obs        Mean    Std. dev.       Min        Max
-------------+---------------------------------------------------------
careercent~e |          0
  alumnihelp |          0
```

```
25 . summarize careercenterrate alumnihelp
```

```
    Variable |        Obs        Mean    Std. dev.       Min        Max
-------------+---------------------------------------------------------
careercent~e |         69    4.710145    2.307924          1         10
  alumnihelp |         63     6.68254    2.395058          1         10
```

```
26 .
```