



***Special Edition***

(R)  
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Notes:

1. (/v# option or -set maxvar-) 5000 maximum variables
2. New update available; type -update all-

```
. set obs 1
obs was 0, now 1

. generate var1 = 1 in 1

. generate var2 = 0 in 1

. generate var3 = 1 in 1

. generate var4 = 0 in 1

. generate var5 = 53 in 1

. replace var3 = 0 in 1
(1 real change made)

. replace var5 = 0 in 1
(1 real change made)

. generate var6 = 1 in 1

. generate var7 = 0 in 1

. generate var8 = 53 in 1

. rename var8 count

. rename var7 contra

. label variable contra "Contraceptive Use"

. label define yesno 1 "Yes" 0 "No"

. label values var6 yesno
```

```

. label values contra yesno

. rename var6 kids

. label variable kids "Desires more children?"

. rename var5 educ

. label variable count "Education"

. label define edulabel 1 "Upper" 0 "Lower only"

. label values educ edulabel

. rename var4 age4049

. label variable age4049 "Age 40-49"

. label values age4049 yesno

. label variable var3 "age3039"

. rename var3 age3039

. label variable age3039 "Age 30-39"

. label values age3039 yesno

. rename var2 age2529

. label variable age2529 "Age 25-29"

. label values age2529 yesno

. rename var1 agelt25

. label variable agelt25 "Age < 25"

. label values agelt25 yesno

. save "C:\Users\herringa\Documents\BIOS600\fijifertility.dta"
file C:\Users\herringa\Documents\BIOS600\fijifertility.dta saved

. set obs 2
obs was 1, now 2

. replace agelt25 = 1 in 2
(1 real change made)

. replace age2529 = 0 in 2
(1 real change made)

. replace age3039 = 0 in 2
(1 real change made)

```

```
. replace age4049 = 0 in 2
(1 real change made)

. replace educ = 0 in 2
(1 real change made)

. replace kids = 1 in 2
(1 real change made)

. replace contra = 1 in 2
(1 real change made)

. replace count = 6 in 2
(1 real change made)

. set obs 3
obs was 2, now 3

. replace agelt25 = 1 in 3
(1 real change made)

. replace age2529 = 0 in 3
(1 real change made)

. replace age3039 = 0 in 3
(1 real change made)

. replace age4049 = 0 in 3
(1 real change made)

. replace educ = 1 in 3
(1 real change made)

. replace kids = 0 in 3
(1 real change made)

. replace contra = 0 in 3
(1 real change made)

. replace count = 10 in 3
(1 real change made)

. set obs 4
obs was 3, now 4

. replace agelt25 = 1 in 4
(1 real change made)

. replace age2529 = 0 in 4
(1 real change made)

. replace age3039 = 0 in 4
(1 real change made)

. replace age4049 = 0 in 4
(1 real change made)
```

```
. replace educ = 1 in 4
(1 real change made)

. replace kids = 0 in 4
(1 real change made)

. replace educ = 0 in 3
(1 real change made)

. replace educ = 0 in 4
(1 real change made)

. replace contra = 1 in 4
(1 real change made)

. replace count = 4 in 4
(1 real change made)

. set obs 5
obs was 4, now 5

. replace agelt25 = 1 in 5
(1 real change made)

. replace age2529 = 0 in 5
(1 real change made)

. replace age3039 = 0 in 5
(1 real change made)

. replace age4049 = 0 in 5
(1 real change made)

. replace educ = 1 in 5
(1 real change made)

. replace kids = 1 in 5
(1 real change made)

. replace contra = 0 in 5
(1 real change made)

. replace count = 212 in 5
(1 real change made)

. set obs 6
obs was 5, now 6

. replace agelt25 = 1 in 6
(1 real change made)

. replace age2529 = 0 in 6
(1 real change made)

. replace age3039 = 0 in 6
(1 real change made)
```

```
. replace age4049 = 0 in 6
(1 real change made)

. replace educ = 1 in 6
(1 real change made)

. replace kids = 1 in 6
(1 real change made)

. replace contra = 1 in 6
(1 real change made)

. replace count = 52 in 6
(1 real change made)

. set obs 7
obs was 6, now 7

. replace agelt25 = 1 in 7
(1 real change made)

. replace age2529 = 0 in 7
(1 real change made)

. replace age3039 = 0 in 7
(1 real change made)

. replace age4049 = 0 in 7
(1 real change made)

. replace educ = 1 in 7
(1 real change made)

. replace kids = 0 in 7
(1 real change made)

. replace contra = 0 in 7
(1 real change made)

. replace count = 50 in 7
(1 real change made)

. set obs 8
obs was 7, now 8

. replace agelt25 = 1 in 8
(1 real change made)

. replace age2529 = 0 in 8
(1 real change made)

. replace age3039 = 0 in 8
(1 real change made)

. replace age4049 = 0 in 8
(1 real change made)
```

```

. replace educ = 1 in 8
(1 real change made)

. replace kids = 0 in 8
(1 real change made)

. replace contra = 1 in 8
(1 real change made)

. replace count = 10 in 8
(1 real change made)

. save "C:\Users\herringa\Documents\BIOS600\fiijifertility.dta", replace
file C:\Users\herringa\Documents\BIOS600\fiijifertility.dta saved

. set obs 9
obs was 8, now 9

. replace agelt25 = 0 in 9
(1 real change made)

. replace age2529 = 1 in 9
(1 real change made)

. replace age3039 = 0 in 9
(1 real change made)

. replace age4049 = 0 in 9
(1 real change made)

. *(4 variables, 1 observation pasted into data editor)

. *(4 variables, 1 observation pasted into data editor)

. *(4 variables, 1 observation pasted into data editor)

. *(4 variables, 1 observation pasted into data editor)

. *(4 variables, 1 observation pasted into data editor)

. *(4 variables, 1 observation pasted into data editor)

. *(4 variables, 1 observation pasted into data editor)

. replace educ = 0 in 9
(1 real change made)

. replace educ = 0 in 10
(1 real change made)

. replace educ = 0 in 11
(1 real change made)

. replace educ = 0 in 12
(1 real change made)

```

```
. replace educ = 1 in 13
(1 real change made)

. replace educ = 1 in 14
(1 real change made)

. replace educ = 1 in 15
(1 real change made)

. replace educ = 1 in 16
(1 real change made)

. replace kids = 1 in 9
(1 real change made)

. replace kids = 1 in 10
(1 real change made)

. replace kids = 0 in 11
(1 real change made)

. replace kids = 0 in 12
(1 real change made)

. replace kids = 1 in 13
(1 real change made)

. replace kids = 1 in 14
(1 real change made)

. replace kids = 0 in 15
(1 real change made)

. replace kids = 0 in 16
(1 real change made)

. replace contra = 0 in 9
(1 real change made)

. replace contra = 1 in 10
(1 real change made)

. replace contra = 0 in 11
(1 real change made)

. replace contra = 1 in 12
(1 real change made)

. replace contra = 0 in 13
(1 real change made)

. replace contra = 1 in 14
(1 real change made)

. replace contra = 0 in 15
(1 real change made)
```

[illegible]



```
. replace educ = 0 in 17
(1 real change made)

. replace educ = 0 in 18
(1 real change made)

. replace educ = 0 in 19
(1 real change made)

. replace educ = 0 in 20
(1 real change made)

. replace educ = 1 in 21
(1 real change made)

. replace educ = 1 in 22
(1 real change made)

. replace educ = 1 in 23
(1 real change made)

. replace educ = 1 in 24
(1 real change made)

. replace kids = 1 in 17
(1 real change made)

. replace kids = 1 in 18
(1 real change made)

. replace kids = 0 in 19
(1 real change made)

. replace kids = 0 in 20
(1 real change made)

. replace kids = 1 in 21
(1 real change made)

. replace kids = 1 in 22
(1 real change made)

. replace kids = 0 in 23
(1 real change made)

. replace kids = 0 in 24
(1 real change made)

. replace contra = 0 in 17
(1 real change made)

. replace contra = 1 in 18
(1 real change made)

. replace contra = 0 in 19
(1 real change made)
```

```
. replace contra = 1 in 20
(1 real change made)

. replace contra = 0 in 21
(1 real change made)

. replace contra = 1 in 22
(1 real change made)

. replace contra = 0 in 23
(1 real change made)

. replace contra = 1 in 24
(1 real change made)

. replace count = 155 in 17
(1 real change made)

. replace count = 54 in 18
(1 real change made)

. replace count = 65 in 19
(1 real change made)

. replace count = 27 in 20
(1 real change made)

. replace count = 112 in 21
(1 real change made)

. replace count = 60 in 9
(1 real change made)

. replace count = 14 in 10
(1 real change made)

. replace count = 19 in 11
(1 real change made)

. replace count = 155 in 13
(1 real change made)

. replace count = 54 in 14
(1 real change made)

. replace count = 65 in 15
(1 real change made)

. replace count = 27 in 16
(1 real change made)

. replace count = 112 in 17
(1 real change made)

. replace count = 33 in 18
(1 real change made)
```

```
. replace count = 77 in 19
(1 real change made)

. replace count = 80 in 20
(1 real change made)

. replace count = 118 in 21
(1 real change made)

. replace count = 46 in 22
(1 real change made)

. replace count = 68 in 23
(1 real change made)

. replace count = 78 in 24
(1 real change made)

. set obs 25
obs was 24, now 25

. replace agelt25 = 0 in 25
(1 real change made)

. replace age2529 = 0 in 25
(1 real change made)

. replace age3039 = 0 in 25
(1 real change made)

. replace age4049 = 1 in 25
(1 real change made)

. *(4 variables, 1 observation pasted into data editor)

. *(4 variables, 1 observation pasted into data editor)

. *(4 variables, 1 observation pasted into data editor)

. *(4 variables, 1 observation pasted into data editor)

. *(4 variables, 1 observation pasted into data editor)

. *(4 variables, 1 observation pasted into data editor)

. *(4 variables, 1 observation pasted into data editor)

. replace educ = 0 in 25
(1 real change made)

. replace educ = 0 in 26
(1 real change made)

. replace educ = 0 in 27
(1 real change made)
```

```
. replace educ = 0 in 28
(1 real change made)

. replace educ = 1 in 29
(1 real change made)

. replace educ = 1 in 30
(1 real change made)

. replace educ = 1 in 31
(1 real change made)

. replace educ = 1 in 32
(1 real change made)

. replace kids = 1 in 25
(1 real change made)

. replace kids = 1 in 26
(1 real change made)

. replace kids = 0 in 27
(1 real change made)

. replace kids = 0 in 28
(1 real change made)

. replace kids = 1 in 29
(1 real change made)

. replace kids = 1 in 30
(1 real change made)

. replace kids = 0 in 31
(1 real change made)

. replace kids = 0 in 32
(1 real change made)

. replace contra = 0 in 25
(1 real change made)

. replace contra = 1 in 26
(1 real change made)

. replace contra = 0 in 27
(1 real change made)

. replace contra = 1 in 28
(1 real change made)

. replace contra = 0 in 29
(1 real change made)

. replace contra = 1 in 30
(1 real change made)
```

```

. replace contra = 0 in 31
(1 real change made)

. replace contra = 1 in 32
(1 real change made)

. replace count = 35 in 25
(1 real change made)

. replace count = 6 in 26
(1 real change made)

. replace count = 46 in 27
(1 real change made)

. replace count = 48 in 28
(1 real change made)

. replace count = 8 in 29
(1 real change made)

. replace count = 8 in 30
(1 real change made)

. replace count = 12 in 31
(1 real change made)

. replace count = 31 in 32
(1 real change made)

. save "C:\Users\herringa\Documents\BIOS600\fijifertility.dta", replace
file C:\Users\herringa\Documents\BIOS600\fijifertility.dta saved

. help(logit)

. logistic contra kids [freq=count]

```

```

Logistic regression
Log likelihood = -956.00957
Number of obs   = 1607
LR chi2(1)      = 91.67
Prob > chi2     = 0.0000
Pseudo R2      = 0.0458

```

contra	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
kids	.3504178	.0387814	-9.48	0.000	.2820863	.4353017
_cons	.8299712	.066159	-2.34	0.019	.7099237	.9703185

```

. logistic contra kids educ age2529 age3039 age4049 [freq=count]

```

```

Logistic regression
Log likelihood = -933.9192
Number of obs   = 1607
LR chi2(5)      = 135.86
Prob > chi2     = 0.0000
Pseudo R2      = 0.0678

```

contra	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
kids	.4347628	.0510718	-7.09	0.000	.3453515	.5473226
educ	1.384023	.1716681	2.62	0.009	1.085336	1.76491
age2529	1.476068	.2595666	2.21	0.027	1.045737	2.083484
age3039	2.48088	.4084051	5.52	0.000	1.796719	3.42556
age4049	3.28458	.7043125	5.55	0.000	2.15753	5.00038
_cons	.3219965	.0602413	-6.06	0.000	.2231529	.4646219

```
. test age2529 age3039 age4049

( 1)  [contra]age2529 = 0
( 2)  [contra]age3039 = 0
( 3)  [contra]age4049 = 0

      chi2( 3) =    42.40
Prob > chi2 =    0.0000
```

—more—