

# TIME USE DATA CLEANING AND MANAGEMENT:

USER-WRITTEN STATA  
COMMANDS

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# TIME DIARY DATA MANAGEMENT



Time diaries provide a highly accurate account of the activities individuals are engaging in  
(+information on secondary activities, co-presence, location, and enjoyment)



Time diaries measure the occurrence, duration, and mode of our daily activities



Yet, most of the time diary data potential remains untapped

# INTRODUCING

## **timeuse**

New Stata Package – **timeuse** -, is a set of *user-written commands*, aiming at making time use data management more accessible.

type:  
ssc install timeuse

## TIMEUSE

- Converts the complex calendar- or episode- level file in a new file where each row represents a person's day.
- Derived variables of broad interest such as the total time devoted to the activities, number of times the person engages in the activity during the day, as well as the timing of those activities, are now readily available.

In short, **timeuse** produces a customised and simple to use dataset, that allows researchers with no prior time use experience to *extract ready-to-use information*.

# TIMEUSE

## Example

---

Using the example dataset “diary”, we produce a diary-level file that will give us the amount of time devoted to each of the categories of ‘primary’ activity.

## Syntax

---

net get timeuse

use diary, clear

timeuse primary, diaryid (personid diaryid)

**h e l p   t i m e u s e**

before:

FileEditViewDataTools

personid[1]

1

	personid	diaryid	epnum	start	end	time	primary	secondary	location	inout	ww_alone	ww_child	ww_part...	ww_other	ww_non...	enjoyment	gender	age	day
1	1	1	1	04.00	05.50	110	sleep		at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday
2	1	1	1	2 05.50	06.00	10	TV or radio	sleep	at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday
3	1	1	1	3 06.00	06.10	10	self-care		at own home	inside					3	woman	48	Thursday	
4	1	1	1	4 06.10	06.20	10	cleaning		at own home	inside					3	woman	48	Thursday	
5	1	1	1	5 06.20	06.30	10	cooking		at own home	inside					5	woman	48	Thursday	
6	1	1	1	6 06.30	06.40	10	other leisure		at own home	inside					5	woman	48	Thursday	
7	1	1	1	7 06.40	06.50	10	eat & drink	TV or radio	at own home	inside					5	woman	48	Thursday	
8	1	1	1	8 06.50	07.00	10	childcare		at own home	inside	No	No	Yes	Yes	No	3	woman	48	Thursday
9	1	1	1	9 07.00	07.30	30	eat & drink	TV or radio	at own home	inside	No	No	Yes	Yes	No	6	woman	48	Thursday
10	1	1	1	10 07.30	07.40	10	cleaning		at own home	inside					3	woman	48	Thursday	
11	1	1	1	11 07.40	07.50	10	cleaning		at own home	inside	Yes	No	No	No	3	woman	48	Thursday	
12	1	1	1	12 07.50	08.20	30	cleaning		at own home	inside					3	woman	48	Thursday	
13	1	1	1	13 08.20	08.30	10	cooking	TV or radio	at own home	inside	Yes	No	No	No	No	very much	woman	48	Thursday
14	1	1	1	14 08.30	09.00	30	cooking	TV or radio	at own home	inside						very much	woman	48	Thursday
15	1	1	1	15 09.00	09.10	10	internet		at own home	inside	Yes	No	No	No	No	very much	woman	48	Thursday
16	1	1	1	16 09.10	09.20	10	other leisure		at own home	inside	Yes	No	No	No	No	very much	woman	48	Thursday
17	1	1	1	17 09.20	10.00	40	other leisure		at own home	inside						very much	woman	48	Thursday
18	1	1	1	18 10.00	10.10	10	internet		at own home	inside	Yes	No	No	No	No	very much	woman	48	Thursday
19	1	1	1	19 10.10	11.00	50	internet		at own home	inside						very much	woman	48	Thursday
20	1	1	1	20 11.00	11.10	10	cooking		at own home	inside	No	No	Yes	No	No	very much	woman	48	Thursday
21	1	1	1	21 11.10	11.20	10	other leisure		at own home	inside	No	No	Yes	No	No	5	woman	48	Thursday
22	1	1	1	22 11.20	11.30	10	other leisure		at own home	inside						5	woman	48	Thursday
23	1	1	1	23 11.30	11.40	10	reading		at own home	inside	Yes	No	No	No	No	5	woman	48	Thursday
24	1	1	1	24 11.40	13.00	80	reading	TV or radio	at own home	inside						5	woman	48	Thursday
25	1	1	1	25 13.00	14.00	60	eat & drink		at own home	inside						6	woman	48	Thursday
26	1	1	1	26 14.00	15.00	60	travel	TV or radio	travelling in vehicle		Yes	No	No	No	No	5	woman	48	Thursday
27	1	1	1	27 15.00	16.00	60	shopping		at services or sh...	inside	Yes	No	No	No	No	5	woman	48	Thursday
28	1	1	1	28 16.00	16.10	10	cleaning	cooking	at own home	inside	Yes	No	No	No	No	4	woman	48	Thursday
29	1	1	1	29 16.10	16.20	10	cleaning	internet	at own home	inside	Yes	No	No	No	No	4	woman	48	Thursday
30	1	1	1	30 16.20	16.40	20	cooking	internet	at own home	inside	Yes	No	No	No	No	4	woman	48	Thursday
31	1	1	1	31 16.40	17.00	20	cooking		at own home	inside	Yes	No	No	No	No	4	woman	48	Thursday
32	1	1	1	32 17.00	17.50	50	internet	TV or radio	at own home	inside	Yes	No	No	No	No	5	woman	48	Thursday
33	1	1	1	33 17.50	18.00	10	internet	TV or radio	at own home	inside	No	No	Yes	Yes	No	5	woman	48	Thursday
34	1	1	1	34 18.00	18.10	10	eat & drink	TV or radio	at own home	inside	No	No	Yes	No	No	5	woman	48	Thursday
35	1	1	1	35 18.10	18.50	40	eat & drink		at own home	inside	No	No	Yes	No	No	5	woman	48	Thursday
36	1	1	1	36 18.50	19.00	10	TV or radio		at own home	inside	No	No	Yes	No	No	5	woman	48	Thursday
37	1	1	1	37 19.00	19.10	10	TV or radio	cleaning	at own home	inside	No	No	Yes	Yes	No	5	woman	48	Thursday
38	1	1	1	38 19.10	20.00	50	TV or radio	cleaning	at own home	inside						5	woman	48	Thursday
39	1	1	1	39 20.00	20.10	10	cooking		at own home	inside	No	No	Yes	Yes	No	4	woman	48	Thursday
40	1	1	1	40 20.10	20.50	40	cooking		at own home	inside						4	woman	48	Thursday
41	1	1	1	41 20.50	21.00	10	other leisure		at own home	inside						6	woman	48	Thursday
42	1	1	1	42 21.00	21.10	10	internet		at own home	inside	No	No	Yes	Yes	No	2	woman	48	Thursday
43	1	1	1	43 21.10	22.00	50	internet		at own home	inside						2	woman	48	Thursday
44	1	1	1	44 22.00	23.40	100	other leisure	TV or radio	at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday
45	1	1	1	45 23.40	01.00	80	internet	TV or radio	at own home	inside	No	No	Yes	Yes	No	2	woman	48	Thursday
46	1	1	1	46 01.00	04.00	180	sleep		at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday
47	1	2	1	1 04.00	06.30	150	sleep		at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Sunday
48	1	2	2	2 06.30	06.40	10	sleep		at own home	inside	No	No	Yes	Yes	No	6	woman	48	Sunday
49	1	2	2	3 06.40	06.50	10	self-care		at own home	inside	No	No	Yes	Yes	No	6	woman	48	Sunday
50	1	2	2	4 06.50	07.00	10	cooking	pet care	at own home	inside	No	No	Yes	Yes	No	6	woman	48	Sunday
51	1	2	2	5 07.00	07.20	20	cleaning		at own home	inside	No	No	Yes	Yes	No	5	woman	48	Sunday
52	1	2	2	6 07.20	08.00	40	eat & drink	TV or radio	at own home	inside	No	No	Yes	Yes	No	6	woman	48	Sunday
53	1	2	2	7 08.00	08.20	20	cleaning		at own home	inside	No	No	Yes	Yes	No	5	woman	48	Sunday
54	1	2	2	8 08.20	09.00	40	other leisure	TV or radio	at own home	inside	No	No	Yes	Yes	No	6	woman	48	Sunday
55	1	2	2	9 09.00	09.20	20	pet care		at own home	inside	No	No	Yes	Yes	No	6	woman	48	Sunday
56	1	2	2	10 09.20	10.00	40	cleaning	TV or radio	at own home	inside	No	No	Yes	Yes	No	6	woman	48	Sunday
57	1	2	2	11 10.00	10.10	10	eat & drink		at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Sunday
58	1	2	2	12 10.10	10.20	10	other leisure		at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Sunday
59	1	2	2	13 10.20	10.40	20	cleaning		at own home	inside	No	No	Yes	Yes	No	5	woman	48	Sunday
60	1	2	2	14 10.40	11.10	30	other leisure		at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Sunday
61	1	2	2	15 11.10	11.50	40	other leisure		at own home	inside	No	Yes	Yes	Yes	No	very much	woman	48	Sunday
62	1	2	2	16 11.50	12.00	10	travel		travelling in vehicle		No	Yes	Yes	Yes	No	very much	woman	48	Sunday
63	1	2	2	17 12.00	13.00	60	shopping		at services or sh...	inside	No	No	Yes	Yes	No	6	woman	48	Sunday
64	1	2	2	18 13.00	13.10	10	shopping		at services or sh...	inside						6	woman	48	Sunday

Variables

Filter variables here

<input checked="" type="checkbox"/>	Name	Label	Type	Format	Value label
<input checked="" type="checkbox"/>	personid	person identifier	float	%3.0f	
<input checked="" type="checkbox"/>	diaryid	diary identifier	double	%3.0f	diadid
<input checked="" type="checkbox"/>	epnum	episode number	float	%9.0g	
<input checked="" type="checkbox"/>	start	start time of episode (mi...	float	%7.0f	%clock4
<input checked="" type="checkbox"/>	end	end time of episode (mi...	float	%9.0g	%clock4
<input checked="" type="checkbox"/>	time	duration of episode (mi...	float	%9.0g	
<input checked="" type="checkbox"/>	primary	primary activity	float	%13.0g	activity
<input checked="" type="checkbox"/>	secondary	secondary activity	float	%13.0g	activity
<input checked="" type="checkbox"/>	location	location of activity	float	%15.0f	eloc
<input checked="" type="checkbox"/>	inout	inside or outside	float	%21.0g	inout
<input checked="" type="checkbox"/>	ww_alone	with whom: alone (or w...	float	%4.0f	yesno
<input checked="" type="checkbox"/>	ww_child	with whom: child aged ...	float	%4.0f	yesno
<input checked="" type="checkbox"/>	ww_partner	with whom: spouse or p...	float	%4.0f	yesno
<input checked="" type="checkbox"/>	ww_other	with whom: other adult/s	float	%4.0f	yesno
<input checked="" type="checkbox"/>	ww_nonhh	with whom: non house...	float	%4.0f	yesno
<input checked="" type="checkbox"/>	enjoyment	level of enjoyment	byte	%10.0g	enjoy
<input checked="" type="checkbox"/>	gender	gender of diarist	float	%2.0f	sex
<input checked="" type="checkbox"/>	age	age of diarist	float	%2.0f	age
<input checked="" type="checkbox"/>	day	day of the week diary ke...	float	%2.0f	day

Variables

Snapshots

Properties

Variables

Name	personid
Label	person identifier
Type	float
Format	%3.0f
Value label	
Notes	

Data

Frame	default
Filename	diary.dta

Label

Variables	19
Observations	3,309
Size	248.82K
Memory	64M
Sorted by	personid diaryid

help timeuse

	personid	diaryid	epnum	start	end	time	primary	secondary	location	inout	ww_alone	ww_child	ww_part...	ww_other	ww_non...	enjoyment	gender	age	day
1	1	1	1	04:00	05:50	110	sleep	.	at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday
2	1	1	2	05:50	06:00	10	TV or radio	sleep	at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday
3	1	1	3	06:00	06:10	10	self-care	.	at own home	inside	.	.	.	.	.	3	woman	48	Thursday
4	1	1	4	06:10	06:20	10	cleaning	.	at own home	inside	.	.	.	.	.	3	woman	48	Thursday
5	1	1	5	06:20	06:30	10	cooking	.	at own home	inside	.	.	.	.	.	5	woman	48	Thursday
6	1	1	6	06:30	06:40	10	other leisure	.	at own home	inside	.	.	.	.	.	5	woman	48	Thursday
7	1	1	7	06:40	06:50	10	eat & drink	TV or radio	at own home	inside	.	.	.	.	.	5	woman	48	Thursday
8	1	1	8	06:50	07:00	10	childcare	.	at own home	inside	No	No	Yes	Yes	No	3	woman	48	Thursday
9	1	1	9	07:00	07:30	30	eat & drink	TV or radio	at own home	inside	No	No	Yes	Yes	No	6	woman	48	Thursday
10	1	1	10	07:30	07:40	10	cleaning	.	at own home	inside	.	.	.	.	.	3	woman	48	Thursday
11	1	1	11	07:40	07:50	10	cleaning	.	at own home	inside	Yes	No	No	No	No	3	woman	48	Thursday
12	1	1	12	07:50	08:20	30	cleaning	.	at own home	inside	.	.	.	.	.	3	woman	48	Thursday
13	1	1	13	08:20	08:30	10	cooking	TV or radio	at own home	inside	Yes	No	No	No	No	very much	woman	48	Thursday
14	1	1	14	08:30	09:00	30	cooking	TV or radio	at own home	inside	.	.	.	.	.	very much	woman	48	Thursday
15	1	1	15	09:00	09:10	10	internet	.	at own home	inside	Yes	No	No	No	No	very much	woman	48	Thursday
16	1	1	16	09:10	09:20	10	other leisure	.	at own home	inside	Yes	No	No	No	No	very much	woman	48	Thursday
17	1	1	17	09:20	10:00	40	other leisure	.	at own home	inside	.	.	.	.	.	very much	woman	48	Thursday
18	1	1	18	10:00	10:10	10	internet	.	at own home	inside	Yes	No	No	No	No	very much	woman	48	Thursday
19	1	1	19	10:10	11:00	50	internet	.	at own home	inside	.	.	.	.	.	very much	woman	48	Thursday
20	1	1	20	11:00	11:10	10	cooking	.	at own home	inside	No	No	Yes	No	No	very much	woman	48	Thursday
21	1	1	21	11:10	11:20	10	other leisure	.	at own home	inside	No	No	Yes	No	No	5	woman	48	Thursday
22	1	1	22	11:20	11:30	10	other leisure	.	at own home	inside	.	.	.	.	.	5	woman	48	Thursday
23	1	1	23	11:30	11:40	10	reading	.	at own home	inside	Yes	No	No	No	No	5	woman	48	Thursday
24	1	1	24	11:40	13:00	80	reading	TV or radio	at own home	inside	.	.	.	.	.	5	woman	48	Thursday
25	1	1	25	13:00	14:00	60	eat & drink	TV or radio	at own home	inside	.	.	.	.	.	6	woman	48	Thursday
26	1	1	26	14:00	15:00	60	travel	TV or radio	travelling	in vehicle	Yes	No	No	No	No	5	woman	48	Thursday
27	1	1	27	15:00	16:00	60	shopping	.	at services or sh...	inside	Yes	No	No	No	No	5	woman	48	Thursday
28	1	1	28	16:00	16:10	10	cleaning	cooking	at own home	inside	Yes	No	No	No	No	4	woman	48	Thursday
29	1	1	29	16:10	16:20	10	cleaning	internet	at own home	inside	Yes	No	No	No	No	4	woman	48	Thursday
30	1	1	30	16:20	16:40	20	cooking	internet	at own home	inside	Yes	No	No	No	No	4	woman	48	Thursday
31	1	1	31	16:40	17:00	20	cooking	.	at own home	inside	Yes	No	No	No	No	4	woman	48	Thursday
32	1	1	32	17:00	17:50	50	internet	TV or radio	at own home	inside	Yes	No	No	No	No	5	woman	48	Thursday
33	1	1	33	17:50	18:00	10	internet	TV or radio	at own home	inside	No	No	Yes	Yes	No	5	woman	48	Thursday
34	1	1	34	18:00	18:10	10	eat & drink	TV or radio	at own home	inside	No	No	Yes	No	No	5	woman	48	Thursday
35	1	1	35	18:10	18:50	40	eat & drink	.	at own home	inside	No	No	Yes	No	No	5	woman	48	Thursday
36	1	1	36	18:50	19:00	10	TV or radio	.	at own home	inside	No	No	Yes	No	No	5	woman	48	Thursday
37	1	1	37	19:00	19:10	10	TV or radio	cleaning	at own home	inside	No	No	Yes	Yes	No	5	woman	48	Thursday
38	1	1	38	19:10	20:00	50	TV or radio	cleaning	at own home	inside	.	.	.	.	.	5	woman	48	Thursday
39	1	1	39	20:00	20:10	10	cooking	.	at own home	inside	No	No	Yes	Yes	No	4	woman	48	Thursday
40	1	1	40	20:10	20:50	40	cooking	.	at own home	inside	.	.	.	.	.	4	woman	48	Thursday
41	1	1	41	20:50	21:00	10	other leisure	.	at own home	inside	.	.	.	.	.	6	woman	48	Thursday
42	1	1	42	21:00	21:10	10	internet	.	at own home	inside	No	No	Yes	Yes	No	2	woman	48	Thursday
43	1	1	43	21:10	22:00	50	internet	.	at own home	inside	.	.	.	.	.	2	woman	48	Thursday
44	1	1	44	22:00	23:40	100	other leisure	TV or radio	at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday
45	1	1	45	23:40	01:00	80	internet	TV or radio	at own home	inside	No	No	Yes	Yes	No	2	woman	48	Thursday
46	1	1	46	01:00	04:00	180	sleep	.	at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday

after:

[illegible]

# help time use

In this example, primary has missing values and as a result, the sum of the different categories of activity created does not add up to 1440.



File Edit View Data Tools

After - ZOOMED IN

Variables					4
Filter variables here					
<input checked="" type="checkbox"/> Name	Label	Type	Format	Value	
<input checked="" type="checkbox"/> personid	person identifier	float	%3.0f		
<input checked="" type="checkbox"/> diaryid	diary identifier	double	%3.0f	diad	
<input checked="" type="checkbox"/> primary_1	mpd on: sleep	float	%9.0g		
<input checked="" type="checkbox"/> primary_2	mpd on: eat & drink	float	%9.0g		
<input checked="" type="checkbox"/> primary_3	mpd on: self-care	float	%9.0g		
<input checked="" type="checkbox"/> primary_4	mpd on: paid work	float	%9.0g		
<input checked="" type="checkbox"/> primary_5	mpd on: commute	float	%9.0g		

## TIMEUSEX

- Converts an episode file in long format —where each row represents an episode of activity— into a diary-level file that summarizes the time use information for the selected activity.
- The new file will contain variables with the following information:
  - 1) total time spent on the activity
  - 2) number of times the diarist engages in the activity on that day
  - 3) timing and duration for the different episodes of activity
- For *timeusex* to produce the desired results, the diary should cover an entire 24-hour period, and the episodes of activity should be non-overlapping and contain no gaps between them\*.

\* In other words, all diaries should start at minute 0, end at minute 1440, and the end of one episode should coincide exactly with the start of the next episode. It may be a good idea to run **epichecks** before using this program, because if there were any errors in 'start' and/or 'end,' the program may not produce the desired results.

# TIMEUSEX

## Example

---

Using the example dataset “diary”, we produce a diary-level file where each row of data represents a day- with detailed information for *eating*.

## Syntax

---

```
net get timeuse
```

```
use diary, clear
```

```
gen eating=0
```

```
replace eating=1 if primary==2 | secondary==2
```

```
timeusex eating, diaryid(personid diaryid) diaryst(4)
```

before:

FileEditViewDataTools

personid[1]

	personid	diaryid	epnum	start	end	time	primary	secondary	location	inout	ww_alone	ww_child	ww_part...	ww_other	ww_non...	enjoyment	gender	age	day
1	1	1	1	04:00	05:50	110	sleep		at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday
2	1	1	1	2:05:50	06:00	10	TV or radio	sleep	at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday
3	1	1	1	3:06:00	06:10	10	self-care		at own home	inside	-	-	-	-	-	3	woman	48	Thursday
4	1	1	1	4:06:10	06:20	10	clearing		at own home	inside	-	-	-	-	-	3	woman	48	Thursday
5	1	1	1	5:06:20	06:30	10	cooking		at own home	inside	-	-	-	-	-	5	woman	48	Thursday
6	1	1	1	6:06:30	06:40	10	other-leisure		at own home	inside	-	-	-	-	-	5	woman	48	Thursday
7	1	1	1	7:06:40	06:50	10	eat & drink	TV or radio	at own home	inside	-	-	-	-	-	5	woman	48	Thursday
8	1	1	1	8:06:50	07:00	10	child-care		at own home	inside	No	No	Yes	Yes	No	3	woman	48	Thursday
9	1	1	1	9:07:00	07:30	30	eat & drink	TV or radio	at own home	inside	No	No	Yes	Yes	No	6	woman	48	Thursday
10	1	1	1	10:07:30	07:40	10	clearing		at own home	inside	-	-	-	-	-	3	woman	48	Thursday
11	1	1	1	11:07:40	07:50	10	clearing		at own home	inside	Yes	No	No	No	No	3	woman	48	Thursday
12	1	1	1	12:07:50	08:20	30	clearing		at own home	inside	-	-	-	-	-	3	woman	48	Thursday
13	1	1	1	13:08:20	08:30	10	cooking	TV or radio	at own home	inside	Yes	No	No	No	No	very much	woman	48	Thursday
14	1	1	1	14:08:30	09:00	30	cooking	TV or radio	at own home	inside	-	-	-	-	-	very much	woman	48	Thursday
15	1	1	1	15:09:00	09:10	10	internet		at own home	inside	Yes	No	No	No	No	very much	woman	48	Thursday
16	1	1	1	16:09:10	09:20	10	other-leisure		at own home	inside	Yes	No	No	No	No	very much	woman	48	Thursday
17	1	1	1	17:09:20	10:00	40	other-leisure		at own home	inside	-	-	-	-	-	very much	woman	48	Thursday
18	1	1	1	18:10:00	10:10	10	internet		at own home	inside	Yes	No	No	No	No	very much	woman	48	Thursday
19	1	1	1	19:10:10	11:00	50	internet		at own home	inside	-	-	-	-	-	very much	woman	48	Thursday
20	1	1	1	20:11:00	11:10	10	cooking		at own home	inside	No	No	Yes	No	No	very much	woman	48	Thursday
21	1	1	1	21:11:10	11:20	10	other-leisure		at own home	inside	No	No	Yes	No	No	5	woman	48	Thursday
22	1	1	1	22:11:20	11:30	10	other-leisure		at own home	inside	-	-	-	-	-	5	woman	48	Thursday
23	1	1	1	23:11:30	11:40	10	reading		at own home	inside	Yes	No	No	No	No	5	woman	48	Thursday
24	1	1	1	24:11:40	13:00	80	reading	TV or radio	at own home	inside	-	-	-	-	-	5	woman	48	Thursday
25	1	1	1	25:13:00	14:00	60	eat & drink	TV or radio	at own home	inside	-	-	-	-	-	6	woman	48	Thursday
26	1	1	1	26:14:00	15:00	60	travel	TV or radio	travelling	in vehicle	Yes	No	No	No	No	5	woman	48	Thursday
27	1	1	1	27:15:00	16:00	60	shopping		at services or sh...	inside	Yes	No	No	No	No	5	woman	48	Thursday
28	1	1	1	28:16:00	16:10	10	clearing	cooking	at own home	inside	Yes	No	No	No	No	4	woman	48	Thursday
29	1	1	1	29:16:10	16:20	10	clearing	internet	at own home	inside	Yes	No	No	No	No	4	woman	48	Thursday
30	1	1	1	30:16:20	16:40	20	cooking	internet	at own home	inside	Yes	No	No	No	No	4	woman	48	Thursday
31	1	1	1	31:16:40	17:00	20	cooking		at own home	inside	Yes	No	No	No	No	4	woman	48	Thursday
32	1	1	1	32:17:00	17:50	50	internet	TV or radio	at own home	inside	Yes	No	No	No	No	5	woman	48	Thursday
33	1	1	1	33:17:50	18:00	10	internet	TV or radio	at own home	inside	No	No	Yes	Yes	No	5	woman	48	Thursday
34	1	1	1	34:18:00	18:10	10	eat & drink	TV or radio	at own home	inside	No	No	Yes	No	No	5	woman	48	Thursday
35	1	1	1	35:18:10	18:50	40	eat & drink		at own home	inside	No	No	Yes	No	No	5	woman	48	Thursday
36	1	1	1	36:18:50	19:00	10	TV or radio		at own home	inside	No	No	Yes	No	No	5	woman	48	Thursday
37	1	1	1	37:19:00	19:10	10	TV or radio	cleaning	at own home	inside	No	No	Yes	Yes	No	5	woman	48	Thursday
38	1	1	1	38:19:10	20:00	50	TV or radio	cleaning	at own home	inside	-	-	-	-	-	5	woman	48	Thursday
39	1	1	1	39:20:00	20:10	10	cooking		at own home	inside	No	No	Yes	Yes	No	4	woman	48	Thursday
40	1	1	1	40:20:10	20:50	40	cooking		at own home	inside	-	-	-	-	-	4	woman	48	Thursday
41	1	1	1	41:20:50	21:00	10	other-leisure		at own home	inside	-	-	-	-	-	6	woman	48	Thursday
42	1	1	1	42:21:00	21:10	10	internet		at own home	inside	No	No	Yes	Yes	No	2	woman	48	Thursday
43	1	1	1	43:21:10	22:00	50	internet		at own home	inside	-	-	-	-	-	2	woman	48	Thursday
44	1	1	1	44:22:00	23:40	100	other-leisure	TV or radio	at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday
45	1	1	1	45:23:40	01:00	80	internet	TV or radio	at own home	inside	No	No	Yes	Yes	No	2	woman	48	Thursday
46	1	1	1	46:01:00	04:00	180	sleep		at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday
47	1	2	1	1:04:00	06:30	150	sleep		at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Sunday
48	1	2	2	2:06:30	06:40	10	sleep		at own home	inside	No	No	Yes	Yes	No	6	woman	48	Sunday
49	1	2	3	3:06:40	06:50	10	self-care		at own home	inside	No	No	Yes	Yes	No	6	woman	48	Sunday
50	1	2	4	4:06:50	07:00	10	cooking	pet care	at own home	inside	No	No	Yes	Yes	No	6	woman	48	Sunday
51	1	2	5	5:07:00	07:20	20	clearing		at own home	inside	No	No	Yes	Yes	No	5	woman	48	Sunday
52	1	2	6	6:07:20	08:00	40	eat & drink	TV or radio	at own home	inside	No	No	Yes	Yes	No	6	woman	48	Sunday
53	1	2	7	7:08:00	08:20	20	clearing		at own home	inside	No	No	Yes	Yes	No	5	woman	48	Sunday
54	1	2	8	8:08:20	09:00	40	other-leisure	TV or radio	at own home	inside	No	No	Yes	Yes	No	6	woman	48	Sunday
55	1	2	9	9:09:00	09:20	20	pet care		at own home	inside	No	No	Yes	Yes	No	6	woman	48	Sunday
56	1	2	10	10:09:20	10:00	40	clearing	TV or radio	at own home	inside	No	No	Yes	Yes	No	6	woman	48	Sunday
57	1	2	11	11:10:00	10:10	10	eat & drink		at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Sunday
58	1	2	12	12:10:10	10:20	10	other-leisure		at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Sunday
59	1	2	13	13:10:20	10:40	20	clearing		at own home	inside	No	No	Yes	Yes	No	5	woman	48	Sunday
60	1	2	14	14:10:40	11:10	30	other-leisure		at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Sunday
61	1	2	15	15:11:10	11:50	40	other-leisure		at own home	inside	No	Yes	Yes	Yes	No	very much	woman	48	Sunday
62	1	2	16	16:11:50	12:00	10	travel		travelling	in vehicle	No	Yes	Yes	Yes	No	very much	woman	48	Sunday
63	1	2	17	17:12:00	13:00	60	shopping		at services or sh...	inside	No	No	Yes	Yes	No	6	woman	48	Sunday
64	1	2	18	18:13:00	13:10	10	shopping		at services or sh...	inside	-	-	-	-	-	6	woman	48	Sunday

Ready

Variables

Filter variables here

<input checked="" type="checkbox"/>	Name	Label	Type	Format	Value lab
<input checked="" type="checkbox"/>	personid	person identifier	float	%3.0f	
<input checked="" type="checkbox"/>	diaryid	diary identifier	double	%3.0f	diad
<input checked="" type="checkbox"/>	epnum	episode number	float	%9.0g	
<input checked="" type="checkbox"/>	start	start time of episode (mi...	float	%7.0f	xclock4
<input checked="" type="checkbox"/>	end	end time of episode (mi...	float	%9.0g	xclock4
<input checked="" type="checkbox"/>	time	duration of episode (mi...	float	%9.0g	
<input checked="" type="checkbox"/>	primary	primary activity	float	%13.0g	activity
<input checked="" type="checkbox"/>	secondary	secondary activity	float	%13.0g	activity
<input checked="" type="checkbox"/>	location	location of activity	float	%15.0f	eloc
<input checked="" type="checkbox"/>	inout	inside or outside	float	%21.0g	inout
<input checked="" type="checkbox"/>	ww_alone	with whom: alone (or w...	float	%4.0f	yesno
<input checked="" type="checkbox"/>	ww_child	with whom: child aged ...	float	%4.0f	yesno
<input checked="" type="checkbox"/>	ww_partner	with whom: spouse or p...	float	%4.0f	yesno
<input checked="" type="checkbox"/>	ww_other	with whom: other adult/s	float	%4.0f	yesno
<input checked="" type="checkbox"/>	ww_nonhh	with whom: non house...	float	%4.0f	yesno
<input checked="" type="checkbox"/>	enjoyment	level of enjoyment	byte	%10.0g	enjoy
<input checked="" type="checkbox"/>	gender	gender of diarist	float	%2.0f	sex
<input checked="" type="checkbox"/>	age	age of diarist	float	%2.0f	age
<input checked="" type="checkbox"/>	day	day of the week diary ke...	float	%2.0f	day

VariablesSnapshots

Properties

Variables

Name	personid
Label	person identifier
Type	float
Format	%3.0f
Value label	

Notes

Data

Frame	default
Filename	diary.dta
Label	
Notes	
Variables	19
Observations	3,309
Size	248.82K
Memory	64M
Sorted by	personid diaryid

help timeusex

Before - ZOOMED IN

File Edit View Data Tools																					
personid[1]				1																	
	personid	diaryid	epnum	start	end	time	primary	secondary	location	inout	ww_alone	ww_child	ww_part...	ww_other	ww_non...	enjoyment	gender	age	day		
1	1	1	1	04:00	05:50	110	sleep	.	at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday		
2	1	1	2	05:50	06:00	10	TV or radio	sleep	at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday		
3	1	1	3	06:00	06:10	10	self-care	.	at own home	inside	.	.	.	.	.	3	woman	48	Thursday		
4	1	1	4	06:10	06:20	10	cleaning	.	at own home	inside	.	.	.	.	.	3	woman	48	Thursday		
5	1	1	5	06:20	06:30	10	cooking	.	at own home	inside	.	.	.	.	.	5	woman	48	Thursday		
6	1	1	6	06:30	06:40	10	other leisure	.	at own home	inside	.	.	.	.	.	5	woman	48	Thursday		
7	1	1	7	06:40	06:50	10	eat & drink	TV or radio	at own home	inside	.	.	.	.	.	5	woman	48	Thursday		
8	1	1	8	06:50	07:00	10	childcare	.	at own home	inside	No	No	Yes	Yes	No	3	woman	48	Thursday		
9	1	1	9	07:00	07:30	30	eat & drink	TV or radio	at own home	inside	No	No	Yes	Yes	No	6	woman	48	Thursday		
10	1	1	10	07:30	07:40	10	cleaning	.	at own home	inside	.	.	.	.	.	3	woman	48	Thursday		
11	1	1	11	07:40	07:50	10	cleaning	.	at own home	inside	Yes	No	No	No	No	3	woman	48	Thursday		
12	1	1	12	07:50	08:20	30	cleaning	.	at own home	inside	.	.	.	.	.	3	woman	48	Thursday		
13	1	1	13	08:20	08:30	10	cooking	TV or radio	at own home	inside	Yes	No	No	No	No	very much	woman	48	Thursday		
14	1	1	14	08:30	09:00	30	cooking	TV or radio	at own home	inside	.	.	.	.	.	very much	woman	48	Thursday		
15	1	1	15	09:00	09:10	10	internet	.	at own home	inside	Yes	No	No	No	No	very much	woman	48	Thursday		
16	1	1	16	09:10	09:20	10	other leisure	.	at own home	inside	Yes	No	No	No	No	very much	woman	48	Thursday		
17	1	1	17	09:20	10:00	40	other leisure	.	at own home	inside	.	.	.	.	.	very much	woman	48	Thursday		
18	1	1	18	10:00	10:10	10	internet	.	at own home	inside	Yes	No	No	No	No	very much	woman	48	Thursday		
19	1	1	19	10:10	11:00	50	internet	.	at own home	inside	.	.	.	.	.	very much	woman	48	Thursday		
20	1	1	20	11:00	11:10	10	cooking	.	at own home	inside	No	No	Yes	No	No	very much	woman	48	Thursday		
21	1	1	21	11:10	11:20	10	other leisure	.	at own home	inside	No	No	Yes	No	No	5	woman	48	Thursday		
22	1	1	22	11:20	11:30	10	other leisure	.	at own home	inside	.	.	.	.	.	5	woman	48	Thursday		
23	1	1	23	11:30	11:40	10	reading	.	at own home	inside	Yes	No	No	No	No	5	woman	48	Thursday		
24	1	1	24	11:40	13:00	80	reading	TV or radio	at own home	inside	.	.	.	.	.	5	woman	48	Thursday		
25	1	1	25	13:00	14:00	60	eat & drink	TV or radio	at own home	inside	.	.	.	.	.	6	woman	48	Thursday		
26	1	1	26	14:00	15:00	60	travel	TV or radio	travelling	in vehicle	Yes	No	No	No	No	5	woman	48	Thursday		
27	1	1	27	15:00	16:00	60	shopping	.	at services or sh...	inside	Yes	No	No	No	No	5	woman	48	Thursday		
28	1	1	28	16:00	16:10	10	cleaning	cooking	at own home	inside	Yes	No	No	No	No	4	woman	48	Thursday		
29	1	1	29	16:10	16:20	10	cleaning	internet	at own home	inside	Yes	No	No	No	No	4	woman	48	Thursday		
30	1	1	30	16:20	16:40	20	cooking	internet	at own home	inside	Yes	No	No	No	No	4	woman	48	Thursday		
31	1	1	31	16:40	17:00	20	cooking	.	at own home	inside	Yes	No	No	No	No	4	woman	48	Thursday		
32	1	1	32	17:00	17:50	50	internet	TV or radio	at own home	inside	Yes	No	No	No	No	5	woman	48	Thursday		
33	1	1	33	17:50	18:00	10	internet	TV or radio	at own home	inside	No	No	Yes	Yes	No	5	woman	48	Thursday		
34	1	1	34	18:00	18:10	10	eat & drink	TV or radio	at own home	inside	No	No	Yes	No	No	5	woman	48	Thursday		
35	1	1	35	18:10	18:50	40	eat & drink	.	at own home	inside	No	No	Yes	No	No	5	woman	48	Thursday		
36	1	1	36	18:50	19:00	10	TV or radio	.	at own home	inside	No	No	Yes	No	No	5	woman	48	Thursday		
37	1	1	37	19:00	19:10	10	TV or radio	cleaning	at own home	inside	No	No	Yes	Yes	No	5	woman	48	Thursday		
38	1	1	38	19:10	20:00	50	TV or radio	cleaning	at own home	inside	.	.	.	.	.	5	woman	48	Thursday		
39	1	1	39	20:00	20:10	10	cooking	.	at own home	inside	No	No	Yes	Yes	No	4	woman	48	Thursday		
40	1	1	40	20:10	20:50	40	cooking	.	at own home	inside	.	.	.	.	.	4	woman	48	Thursday		
41	1	1	41	20:50	21:00	10	other leisure	.	at own home	inside	.	.	.	.	.	6	woman	48	Thursday		
42	1	1	42	21:00	21:10	10	internet	.	at own home	inside	No	No	Yes	Yes	No	2	woman	48	Thursday		
43	1	1	43	21:10	22:00	50	internet	.	at own home	inside	.	.	.	.	.	2	woman	48	Thursday		
44	1	1	44	22:00	23:40	100	other leisure	TV or radio	at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday		
45	1	1	45	23:40	01:00	80	internet	TV or radio	at own home	inside	No	No	Yes	Yes	No	2	woman	48	Thursday		
46	1	1	46	01:00	04:00	180	sleep	.	at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday		

after:

personid[1]																																		
personid	dayid	total	episodes	start1	end1	duration1	start2	end2	duration2	start3	end3	duration3	start4	end4	duration4	start5	end5	duration5	start6	end6	duration6	start7	end7	duration7	start_last	end_last	duration	epnum	primary	secondary	location	inout	ww_alone	w
1	1	150	4	06:40	06:50	10	07:00	07:30	30	13:00	14:00	60	18:00	18:50	50	1	sleep								18:00	18:50	50	1	sleep		at own home	inside	No	N
2	1	140	4	07:20	08:00	40	10:00	10:10	10	13:10	14:00	50	18:20	19:00	40	1	sleep								18:20	19:00	40	1	sleep		at own home	inside	No	N
3	2	120	4	07:20	07:30	10	13:20	14:30	70	19:00	19:30	30	20:40	20:50	10	1	sleep								20:40	20:50	10	1	sleep		at own home	inside	No	N
4	2	0	0			0			0			0			0	1	sleep							0				1	sleep		at own home	inside	Yes	N
5	3	180	7	08:20	08:30	10	09:00	09:10	10	12:00	12:50	50	13:00	13:50	50	15:00	15:20	20	18:30	19:00	30	20:10	20:20	10	20:10	20:20	10	1	sleep		at own home	inside	No	N
6	3	2	190	2	07:30	08:30	60	12:30	14:40	130														12:30	14:40	130	1	sleep		at own home	inside	No	N	
7	4	1	70	4	09:10	09:20	10	12:40	13:00	20	15:40	16:00	20	17:30	17:50	20								17:30	17:50	20	1	sleep		at own home	inside	Yes	N	
8	4	2	50	2	13:00	13:20	20	18:30	19:00	30														18:30	19:00	30	1	sleep		at own home	inside	No	N	
9	5	1	80	3	09:00	09:40	40	12:40	12:50	10	18:00	18:30	30											18:00	18:30	30	1	sleep		at own home	inside	Yes	N	
10	5	2	60	3	10:10	10:20	10	13:00	13:20	20	19:00	19:30	30											19:00	19:30	30	1	sleep		at own home	inside	No	N	
11	6	1	60	5	05:50	06:00	10	15:40	15:50	10	18:20	18:40	20	19:50	20:00	10	20:50	21:00	10					20:50	21:00	10	1	sleep		at own home	inside	No	N	
12	6	2	80	4	05:50	06:20	30	09:20	09:30	10	16:30	16:40	10	19:00	19:30	30								19:00	19:30	30	1	sleep		at own home	inside	No	N	
13	7	1	40	1	18:00	18:40	40																	18:00	18:40	40	1	sleep		at own home	inside	No	N	
14	7	2	70	3	05:50	06:20	30	16:30	16:40	10	19:00	19:30	30											19:00	19:30	30	1	sleep		at own home	inside	No	N	
15	8	1	50	2	12:00	12:30	30	17:00	17:20	20														17:00	17:20	20	1	sleep		at own home	inside	No	N	
16	8	2	80	2	11:40	12:30	50	19:50	20:20	30														19:50	20:20	30	1	sleep		at own home	inside	No	N	
17	9	1	60	4	07:10	07:20	10	12:40	12:50	10	16:20	16:30	10	16:50	17:20	30								16:50	17:20	30	1	sleep		at own home	inside	No	N	
18	9	2	90	3	06:40	06:50	10	11:40	12:30	50	19:50	20:20	30											19:50	20:20	30	1	sleep		at own home	inside	No	N	
19	10	1	400	5	06:50	07:00	10	07:30	08:00	30	08:50	09:20	30	11:50	12:40	50	13:00	17:40	280					13:00	17:40	280	1	sleep		at own home	inside	No	N	
20	10	2	70	5	04:30	04:40	10	07:40	08:00	20	08:10	08:20	10	13:30	13:40	10	17:40	18:00	20					17:40	18:00	20	1	sleep		at own home	inside	No	N	
21	11	1	200	2	06:30	08:00	90	16:00	17:50	110														16:00	17:50	110	1	sleep		at own home	inside	No	N	
22	11	2	140	4	04:20	05:40	80	07:50	08:10	20	13:40	14:00	20	17:40	18:00	20								17:40	18:00	20	1	sleep		at own home	inside	No	N	
23	12	1	120	5	06:50	07:00	10	08:40	09:00	20	13:40	14:00	20	17:10	17:50	40	20:00	20:30	30					20:00	20:30	30	1	sleep		at own home	inside	No	N	
24	12	2	80	5	06:40	06:50	10	10:00	10:10	10	13:00	13:30	30	17:40	17:50	10	18:30	18:50	20					18:30	18:50	20	1	sleep		at own home	inside	No	N	
25	13	1	200	7	06:00	06:30	30	10:00	10:30	30	13:40	14:40	60	15:30	15:50	20	17:00	17:20	20	18:00	18:10	10	19:40	20:10	30	1	sleep		at own home	inside	No	N		
26	13	2	110	6	06:30	06:50	20	10:00	10:30	30	13:30	13:50	20	18:30	18:50	20	19:00	19:10	10	21:10	21:20	10		21:10	21:20	10	1	sleep		at own home	inside	No	N	
27	14	1	70	3	10:20	10:30	10	13:40	14:10	30	20:00	20:30	30											20:00	20:30	30	1	sleep		at own home	inside	Yes	N	
28	14	2	30	3	07:20	07:30	10	18:20	18:30	10	21:00	21:10	10											21:00	21:10	10	1	sleep		at own home	inside	Yes	N	
29	15	1	80	3	10:00	10:30	30	13:40	14:10	30	20:00	20:30	30											20:00	20:30	30	1	sleep		at own home	inside	Yes	N	
30	15	2	50	3	06:50	07:00	10	18:30	19:00	30	19:50	20:00	10											19:50	20:00	10	1	sleep		at own home	inside	Yes	N	
31	16	1	160	4	05:30	06:00	30	10:20	10:30	10	12:10	13:20	70	17:40	18:30	50								17:40	18:30	50	1	sleep		at own home	inside	No	N	
32	16	2	130	4	05:10	05:40	30	12:30	13:40	70	18:00	18:10	10	18:20	18:40	20								18:20	18:40	20	1	sleep		at own home	inside	No	N	
33	17	1	110	2	06:10	06:30	20	17:50	19:20	90														17:50	19:20	90	1	sleep		at own home	inside	No	N	
34	17	2	70	4	06:20	06:30	10	12:00	12:20	20	15:30	16:00	30	17:30	17:40	10								17:30	17:40	10	1	sleep		at own home	inside	No	N	
35	18	1	130	4	07:20	07:30	10	10:50	11:10	20	12:50	14:00	70	17:00	17:30	30								17:00	17:30	30	1	sleep		at own home	inside	No	N	
36	18	2	70	3	05:50	06:00	10	12:50	13:30	40	18:10	18:30	20											18:10	18:30	20	1	sleep		at own home	inside	No	N	
37	19	1	160	6	06:10	06:40	30	07:20	07:30	10	13:30	14:10	40	15:00	15:10	10	16:00	16:40	40	19:30	20:00	30		19:30	20:00	30	1	sleep		at own home	inside	Yes	N	
38	19	2	190	6	06:40	07:00	20	08:00	08:40	40	11:00	11:30	30	13:40	14:30	50	15:30	16:00	30	18:10	18:30	20		18:10	18:30	20	1	sleep		at own home	inside	Yes	N	
39	20	1	70	3	09:40	10:00	20	13:40	14:00	20	18:00	18:30	30											18:00	18:30	30	1	sleep		at own home	inside	Yes	N	
40	20	2	30	1	13:00	13:30	30																	13:00	13:30	30	1	sleep	other leisure	at own home	inside	No	N	
41	21	1	50	3	10:00	10:10	10	14:10	14:40	30	16:50	17:00	10											16:50	17:00	10	1	sleep		at own home	inside	No	N	
42	21	2	30	2	07:30	07:40	10	19:00	19:20	20														19:00	19:20	20	1	sleep		at own home	inside	No	N	
43	22	1	200	4	09:10	09:40	30	13:00	15:00	120	19:40	20:20	40	20:50	21:00	10								20:50	21:00	10	1	sleep		at own home	inside	No	N	
44	22	2	200	6	05:30	05:40	10	07:50	08:30	40	13:20	14:00	40	16:00	16:20	20	18:50	19:00	10	19:30	20:50	80		19:30	20:50	80	1	sleep		at own home	inside	No	N	
45	23	1	70	2	09:10	09:40	30	13:00	13:40	40														13:00	13:40	40	1	sleep		at another's home	inside	No	N	
46	23	2	60	3	07:00	07:10	10	12:20	12:50	30	19:00	19:20	20											19:00	19:20	20	1	sleep		at own home	inside	Yes	N	
47	24	1	50	3	09:00	09:30	30	09:40	09:50	10	18:20	18:30	10											18:20	18:30	10	1	sleep		at own home	inside	No	N	
48	24	2	40	2	08:30	08:40	10	18:00	18:30	30														18:00	18:30	30	1	sleep		at own home	inside	No	N	
49	25	1	80	3	09:20	09:30	10	12:00	13:00	60	15:10	15:20	10											15:10	15:20	10	1	sleep	self-care	at own home	inside	No	N	
50	25	2	80	4	08:30	09:00	30	11:20	11:50	30	12:40	12:50	10	17:10	17:20	10								17:10	17:20	10	1	sleep		at own home	inside	No	N	
51	26	1	80	5	07:20	07:30	10	08:50	09:10	20	14:20	14:40	20	17:20	17:30	10	21:50	22:10	20				21:50	22:10	20	1	sleep		at own home	inside	Yes	N		
52	26	2	250	5	08:50	09:10	2																											

File Edit View Data Tools

After - ZOOMED IN

Variables				
Filter variables here				
<input checked="" type="checkbox"/>	Name	Label	Type	Format
<input checked="" type="checkbox"/>	personid	person identifier	float	%3.0f
<input checked="" type="checkbox"/>	diaryid	diary identifier	double	%3.0f
<input checked="" type="checkbox"/>	total	total time in activity	float	%9.0g
<input checked="" type="checkbox"/>	episodes	number of episodes in a...	float	%9.0g
<input checked="" type="checkbox"/>	start1	start time of episode 1	float	%7.0g
<input checked="" type="checkbox"/>	end1	end time of episode 1	float	%7.0g
<input checked="" type="checkbox"/>	duration1	duration of episode 1	float	%7.0g
<input checked="" type="checkbox"/>	start2	start time of episode 2	float	%7.0g
<input checked="" type="checkbox"/>	end2	end time of episode 2	float	%7.0g
<input checked="" type="checkbox"/>	duration2	duration of episode 2	float	%7.0g
<input checked="" type="checkbox"/>	start3	start time of episode 3	float	%7.0g
<input checked="" type="checkbox"/>	end3	end time of episode 3	float	%7.0g
<input checked="" type="checkbox"/>	duration3	duration of episode 3	float	%7.0g
<input checked="" type="checkbox"/>	start4	start time of episode 4	float	%7.0g
<input checked="" type="checkbox"/>	end4	end time of episode 4	float	%7.0g
<input checked="" type="checkbox"/>	duration4	duration of episode 4	float	%7.0g
<input checked="" type="checkbox"/>	start5	start time of episode 5	float	%7.0g
<input checked="" type="checkbox"/>	end5	end time of episode 5	float	%7.0g
<input checked="" type="checkbox"/>	duration5	duration of episode 5	float	%7.0g
<input checked="" type="checkbox"/>	start6	start time of episode 6	float	%7.0g
<input checked="" type="checkbox"/>	end6	end time of episode 6	float	%7.0g
<input checked="" type="checkbox"/>	duration6	duration of episode 6	float	%7.0g
<input checked="" type="checkbox"/>	start7	start time of episode 7	float	%7.0g
<input checked="" type="checkbox"/>	end7	end time of episode 7	float	%7.0g
<input checked="" type="checkbox"/>	duration7	duration of episode 7	float	%7.0g

# SEQUENCE

- Converts a time use file in calendar long format — where each row represents a time interval of constant duration in a person's day— into an episode-level file.
- In the episode file, each row represents an episode of activity, a period of time during which there is no change in any of the variables specified in the syntax.

*Variables that need to exist:*

- ✓ **var1 to var30:** variable/s used to define the episode of activity. These variables are usually the activity, and the other diary fields such as location, copresence, etc. Up to 30 variables can be specified to define the episodes of activity. The variables need to be numeric; strings are not allowed.
- ✓ **diaryid(string):** the names of the variable or variables that when considered jointly uniquely identify the diary.
- ✓ **diaryst(n):** diary start time, a number is expected, e.g., 4 if the diary starts at 4 am or 0 if the diary starts at midnight. A 24-hour clock is used.
- ✓ **tslot:** variable indicating the number of time slot for each row of data. The time slots are the intervals of time into which the day is divided. For example, in a diary organise into 10-minute time slots, 144 time slots are expected, taking values from 1 to 144. Before creating the episodes, the program will check that all diaries have the same number of time slots and that they have the expected values. If this variable is called something other than "tslot", simply rename it before running the program.



# SEQUENCE

## Example

---

Using the example dataset “calendar”, we convert it into an episode file. In this example the episodes are defined by the primary activity only.

Note how the number of episodes drops when fewer variables are used to define the episodes. The diary starts at 4:00 am and the diaries are uniquely identified by the variables 'personid' and 'diaryid'.

## Syntax

---

```
net get timeuse
```

```
use calendar, clear
```

```
sequence primary, diaryid(personid diaryid) diaryst(4)
```

before:

File Edit View Data Tools

personid[1]

1

	personid	diaryid	tslot	start	end	primary	secondary	location	inout	ww_alone	ww_child	ww_part...	ww_other	ww_non...	enjoyment	gender	age	day
1	1	1	1	04.00	04.10	sleep		at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday
2	1	1	1	2 04.10	04.20	sleep		at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday
3	1	1	1	3 04.20	04.30	sleep		at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday
4	1	1	1	4 04.30	04.40	sleep		at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday
5	1	1	1	5 04.40	04.50	sleep		at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday
6	1	1	1	6 04.50	05.00	sleep		at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday
7	1	1	1	7 05.00	05.10	sleep		at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday
8	1	1	1	8 05.10	05.20	sleep		at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday
9	1	1	1	9 05.20	05.30	sleep		at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday
10	1	1	1	10 05.30	05.40	sleep		at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday
11	1	1	1	11 05.40	05.50	sleep		at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday
12	1	1	1	12 05.50	06.00	TV or radio	sleep	at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday
13	1	1	1	13 06.00	06.10	self-care		at own home	inside	-	-	-	-	-	3	woman	48	Thursday
14	1	1	1	14 06.10	06.20	cleaning		at own home	inside	-	-	-	-	-	3	woman	48	Thursday
15	1	1	1	15 06.20	06.30	cooking		at own home	inside	-	-	-	-	-	5	woman	48	Thursday
16	1	1	1	16 06.30	06.40	other leisure		at own home	inside	-	-	-	-	-	5	woman	48	Thursday
17	1	1	1	17 06.40	06.50	eat & drink	TV or radio	at own home	inside	-	-	-	-	-	5	woman	48	Thursday
18	1	1	1	18 06.50	07.00	childcare		at own home	inside	No	No	Yes	Yes	No	3	woman	48	Thursday
19	1	1	1	19 07.00	07.10	eat & drink	TV or radio	at own home	inside	No	No	Yes	Yes	No	6	woman	48	Thursday
20	1	1	1	20 07.10	07.20	eat & drink	TV or radio	at own home	inside	No	No	Yes	Yes	No	6	woman	48	Thursday
21	1	1	1	21 07.20	07.30	eat & drink	TV or radio	at own home	inside	No	No	Yes	Yes	No	6	woman	48	Thursday
22	1	1	1	22 07.30	07.40	cleaning		at own home	inside	-	-	-	-	-	3	woman	48	Thursday
23	1	1	1	23 07.40	07.50	cleaning		at own home	inside	Yes	No	No	No	No	3	woman	48	Thursday
24	1	1	1	24 07.50	08.00	cleaning		at own home	inside	-	-	-	-	-	3	woman	48	Thursday
25	1	1	1	25 08.00	08.10	cleaning		at own home	inside	-	-	-	-	-	3	woman	48	Thursday
26	1	1	1	26 08.10	08.20	cleaning		at own home	inside	-	-	-	-	-	3	woman	48	Thursday
27	1	1	1	27 08.20	08.30	cooking	TV or radio	at own home	inside	Yes	No	No	No	No	very much	woman	48	Thursday
28	1	1	1	28 08.30	08.40	cooking	TV or radio	at own home	inside	-	-	-	-	-	very much	woman	48	Thursday
29	1	1	1	29 08.40	08.50	cooking	TV or radio	at own home	inside	-	-	-	-	-	very much	woman	48	Thursday
30	1	1	1	30 08.50	09.00	cooking	TV or radio	at own home	inside	-	-	-	-	-	very much	woman	48	Thursday
31	1	1	1	31 09.00	09.10	internet		at own home	inside	Yes	No	No	No	No	very much	woman	48	Thursday
32	1	1	1	32 09.10	09.20	other leisure		at own home	inside	Yes	No	No	No	No	very much	woman	48	Thursday
33	1	1	1	33 09.20	09.30	other leisure		at own home	inside	-	-	-	-	-	very much	woman	48	Thursday
34	1	1	1	34 09.30	09.40	other leisure		at own home	inside	-	-	-	-	-	very much	woman	48	Thursday
35	1	1	1	35 09.40	09.50	other leisure		at own home	inside	-	-	-	-	-	very much	woman	48	Thursday
36	1	1	1	36 09.50	10.00	other leisure		at own home	inside	-	-	-	-	-	very much	woman	48	Thursday
37	1	1	1	37 10.00	10.10	internet		at own home	inside	Yes	No	No	No	No	very much	woman	48	Thursday
38	1	1	1	38 10.10	10.20	internet		at own home	inside	-	-	-	-	-	very much	woman	48	Thursday
39	1	1	1	39 10.20	10.30	internet		at own home	inside	-	-	-	-	-	very much	woman	48	Thursday
40	1	1	1	40 10.30	10.40	internet		at own home	inside	-	-	-	-	-	very much	woman	48	Thursday
41	1	1	1	41 10.40	10.50	internet		at own home	inside	-	-	-	-	-	very much	woman	48	Thursday
42	1	1	1	42 10.50	11.00	internet		at own home	inside	-	-	-	-	-	very much	woman	48	Thursday
43	1	1	1	43 11.00	11.10	cooking		at own home	inside	No	No	Yes	No	No	very much	woman	48	Thursday
44	1	1	1	44 11.10	11.20	other leisure		at own home	inside	No	No	Yes	No	No	5	woman	48	Thursday
45	1	1	1	45 11.20	11.30	other leisure		at own home	inside	-	-	-	-	-	5	woman	48	Thursday
46	1	1	1	46 11.30	11.40	reading		at own home	inside	Yes	No	No	No	No	5	woman	48	Thursday
47	1	1	1	47 11.40	11.50	reading	TV or radio	at own home	inside	-	-	-	-	-	5	woman	48	Thursday
48	1	1	1	48 11.50	12.00	reading	TV or radio	at own home	inside	-	-	-	-	-	5	woman	48	Thursday
49	1	1	1	49 12.00	12.10	reading	TV or radio	at own home	inside	-	-	-	-	-	5	woman	48	Thursday
50	1	1	1	50 12.10	12.20	reading	TV or radio	at own home	inside	-	-	-	-	-	5	woman	48	Thursday
51	1	1	1	51 12.20	12.30	reading	TV or radio	at own home	inside	-	-	-	-	-	5	woman	48	Thursday
52	1	1	1	52 12.30	12.40	reading	TV or radio	at own home	inside	-	-	-	-	-	5	woman	48	Thursday
53	1	1	1	53 12.40	12.50	reading	TV or radio	at own home	inside	-	-	-	-	-	5	woman	48	Thursday
54	1	1	1	54 12.50	13.00	reading	TV or radio	at own home	inside	-	-	-	-	-	5	woman	48	Thursday
55	1	1	1	55 13.00	13.10	eat & drink	TV or radio	at own home	inside	-	-	-	-	-	6	woman	48	Thursday
56	1	1	1	56 13.10	13.20	eat & drink	TV or radio	at own home	inside	-	-	-	-	-	6	woman	48	Thursday
57	1	1	1	57 13.20	13.30	eat & drink	TV or radio	at own home	inside	-	-	-	-	-	6	woman	48	Thursday
58	1	1	1	58 13.30	13.40	eat & drink	TV or radio	at own home	inside	-	-	-	-	-	6	woman	48	Thursday
59	1	1	1	59 13.40	13.50	eat & drink	TV or radio	at own home	inside	-	-	-	-	-	6	woman	48	Thursday
60	1	1	1	60 13.50	14.00	eat & drink	TV or radio	at own home	inside	-	-	-	-	-	6	woman	48	Thursday
61	1	1	1	61 14.00	14.10	travel	TV or radio	travelling	in vehicle	Yes	No	No	No	No	5	woman	48	Thursday
62	1	1	1	62 14.10	14.20	travel	TV or radio	travelling	in vehicle	Yes	No	No	No	No	5	woman	48	Thursday
63	1	1	1	63 14.20	14.30	travel	TV or radio	travelling	in vehicle	Yes	No	No	No	No	5	woman	48	Thursday
64	1	1	1	64 14.30	14.40	travel	TV or radio	travelling	in vehicle	Yes	No	No	No	No	5	woman	48	Thursday

Variables

Filter variables here

<input checked="" type="checkbox"/>	Name	Label	Type	Format	Value label
<input checked="" type="checkbox"/>	personid	person identifier	float	%3.0f	
<input checked="" type="checkbox"/>	diaryid	diary identifier	double	%3.0f	diadid
<input checked="" type="checkbox"/>	tslot	time slot	float	%8.0g	
<input checked="" type="checkbox"/>	start	start time of episode (m...	float	%8.0g	%clock4
<input checked="" type="checkbox"/>	end	end time of episode (m...	float	%8.0g	%clock4
<input checked="" type="checkbox"/>	primary	primary activity	float	%13.0g	activity
<input checked="" type="checkbox"/>	secondary	secondary activity	float	%13.0g	activity
<input checked="" type="checkbox"/>	location	location of activity	float	%15.0f	eloc
<input checked="" type="checkbox"/>	inout	inside or outside	float	%21.0g	inout
<input checked="" type="checkbox"/>	ww_alone	with whom: alone (or w...	float	%4.0f	yesno
<input checked="" type="checkbox"/>	ww_child	with whom: child aged ...	float	%4.0f	yesno
<input checked="" type="checkbox"/>	ww_partner	with whom: spouse or p...	float	%4.0f	yesno
<input checked="" type="checkbox"/>	ww_other	with whom: other adult's	float	%4.0f	yesno
<input checked="" type="checkbox"/>	ww_nonhh	with whom: non house...	float	%4.0f	yesno
<input checked="" type="checkbox"/>	enjoyment	level of enjoyment	byte	%10.0g	enjoy
<input checked="" type="checkbox"/>	gender	gender of diarist	float	%2.0f	sex
<input checked="" type="checkbox"/>	age	age of diarist	float	%2.0f	age
<input checked="" type="checkbox"/>	day	day of the week diary ke...	float	%2.0f	day

Variables Snapshots

Properties

Variables

Name	personid
Label	person identifier
Type	float
Format	%3.0f
Value label	
Notes	

Data

Frame	default
Filename	calendar.dta
Label	
Notes	
Variables	18
Observations	14,400
Size	1.00M
Memory	64M
Sorted by	personid diaryid tslot

help sequence

Before - ZOOMED IN

File Edit View Data Tools																			
personid[1]		1																	
	personid	diaryid	tslot	start	end	primary	secondary	location	inout	ww_alone	ww_child	ww_part...	ww_other	ww_non...	enjoyment	gender	age	day	
1	1	1	1	04:00	04:10	sleep	.	at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday	
2	1	1	2	04:10	04:20	sleep	.	at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday	
3	1	1	3	04:20	04:30	sleep	.	at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday	
4	1	1	4	04:30	04:40	sleep	.	at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday	
5	1	1	5	04:40	04:50	sleep	.	at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday	
6	1	1	6	04:50	05:00	sleep	.	at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday	
7	1	1	7	05:00	05:10	sleep	.	at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday	
8	1	1	8	05:10	05:20	sleep	.	at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday	
9	1	1	9	05:20	05:30	sleep	.	at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday	
10	1	1	10	05:30	05:40	sleep	.	at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday	
11	1	1	11	05:40	05:50	sleep	.	at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday	
12	1	1	12	05:50	06:00	TV or radio	sleep	at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday	
13	1	1	13	06:00	06:10	self-care	.	at own home	inside	.	.	.	.	.	3	woman	48	Thursday	
14	1	1	14	06:10	06:20	cleaning	.	at own home	inside	.	.	.	.	.	3	woman	48	Thursday	
15	1	1	15	06:20	06:30	cooking	.	at own home	inside	.	.	.	.	.	5	woman	48	Thursday	
16	1	1	16	06:30	06:40	other leisure	.	at own home	inside	.	.	.	.	.	5	woman	48	Thursday	
17	1	1	17	06:40	06:50	eat & drink	TV or radio	at own home	inside	.	.	.	.	.	5	woman	48	Thursday	
18	1	1	18	06:50	07:00	childcare	.	at own home	inside	No	No	Yes	Yes	No	3	woman	48	Thursday	
19	1	1	19	07:00	07:10	eat & drink	TV or radio	at own home	inside	No	No	Yes	Yes	No	6	woman	48	Thursday	
20	1	1	20	07:10	07:20	eat & drink	TV or radio	at own home	inside	No	No	Yes	Yes	No	6	woman	48	Thursday	
21	1	1	21	07:20	07:30	eat & drink	TV or radio	at own home	inside	No	No	Yes	Yes	No	6	woman	48	Thursday	
22	1	1	22	07:30	07:40	cleaning	.	at own home	inside	.	.	.	.	.	3	woman	48	Thursday	
23	1	1	23	07:40	07:50	cleaning	.	at own home	inside	Yes	No	No	No	No	3	woman	48	Thursday	
24	1	1	24	07:50	08:00	cleaning	.	at own home	inside	.	.	.	.	.	3	woman	48	Thursday	
25	1	1	25	08:00	08:10	cleaning	.	at own home	inside	.	.	.	.	.	3	woman	48	Thursday	
26	1	1	26	08:10	08:20	cleaning	.	at own home	inside	.	.	.	.	.	3	woman	48	Thursday	
27	1	1	27	08:20	08:30	cooking	TV or radio	at own home	inside	Yes	No	No	No	No	very much	woman	48	Thursday	
28	1	1	28	08:30	08:40	cooking	TV or radio	at own home	inside	.	.	.	.	.	very much	woman	48	Thursday	
29	1	1	29	08:40	08:50	cooking	TV or radio	at own home	inside	.	.	.	.	.	very much	woman	48	Thursday	
30	1	1	30	08:50	09:00	cooking	TV or radio	at own home	inside	.	.	.	.	.	very much	woman	48	Thursday	
31	1	1	31	09:00	09:10	internet	.	at own home	inside	Yes	No	No	No	No	very much	woman	48	Thursday	
32	1	1	32	09:10	09:20	other leisure	.	at own home	inside	Yes	No	No	No	No	very much	woman	48	Thursday	
33	1	1	33	09:20	09:30	other leisure	.	at own home	inside	.	.	.	.	.	very much	woman	48	Thursday	
34	1	1	34	09:30	09:40	other leisure	.	at own home	inside	.	.	.	.	.	very much	woman	48	Thursday	
35	1	1	35	09:40	09:50	other leisure	.	at own home	inside	.	.	.	.	.	very much	woman	48	Thursday	
36	1	1	36	09:50	10:00	other leisure	.	at own home	inside	.	.	.	.	.	very much	woman	48	Thursday	
37	1	1	37	10:00	10:10	internet	.	at own home	inside	Yes	No	No	No	No	very much	woman	48	Thursday	
38	1	1	38	10:10	10:20	internet	.	at own home	inside	.	.	.	.	.	very much	woman	48	Thursday	
39	1	1	39	10:20	10:30	internet	.	at own home	inside	.	.	.	.	.	very much	woman	48	Thursday	
40	1	1	40	10:30	10:40	internet	.	at own home	inside	.	.	.	.	.	very much	woman	48	Thursday	
41	1	1	41	10:40	10:50	internet	.	at own home	inside	.	.	.	.	.	very much	woman	48	Thursday	
42	1	1	42	10:50	11:00	internet	.	at own home	inside	.	.	.	.	.	very much	woman	48	Thursday	
43	1	1	43	11:00	11:10	cooking	.	at own home	inside	No	No	Yes	No	No	very much	woman	48	Thursday	
44	1	1	44	11:10	11:20	other leisure	.	at own home	inside	No	No	Yes	No	No	5	woman	48	Thursday	
45	1	1	45	11:20	11:30	other leisure	.	at own home	inside	.	.	.	.	.	5	woman	48	Thursday	
46	1	1	46	11:30	11:40	reading	.	at own home	inside	Yes	No	No	No	No	5	woman	48	Thursday	
47	1	1	47	11:40	11:50	reading	TV or radio	at own home	inside	.	.	.	.	.	5	woman	48	Thursday	
48	1	1	48	11:50	12:00	reading	TV or radio	at own home	inside	.	.	.	.	.	5	woman	48	Thursday	
49	1	1	49	12:00	12:10	reading	TV or radio	at own home	inside	.	.	.	.	.	5	woman	48	Thursday	
50	1	1	50	12:10	12:20	reading	TV or radio	at own home	inside	.	.	.	.	.	5	woman	48	Thursday	
51	1	1	51	12:20	12:30	reading	TV or radio	at own home	inside	.	.	.	.	.	5	woman	48	Thursday	
52	1	1	52	12:30	12:40	reading	TV or radio	at own home	inside	.	.	.	.	.	5	woman	48	Thursday	

after:

FileEditViewDataTools

personid[1]

1

personid	diaryid	epnum	start	end	time	clockst	primary	secondary	location	inout	ww_alone	ww_child	ww_part...	ww_other	ww_non...	enjoyment	gender	age	day
1	1	1	1 04:00	05:50	110	4	sleep		at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday
2	1	1	2 05:50	06:00	10	5.5	TV or radio	sleep	at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday
3	1	1	3 06:00	06:10	10	6	self-care		at own home	inside						3	woman	48	Thursday
4	1	1	4 06:10	06:20	10	6.1	cleaning		at own home	inside						3	woman	48	Thursday
5	1	1	5 06:20	06:30	10	6.2	cooking		at own home	inside						5	woman	48	Thursday
6	1	1	6 06:30	06:40	10	6.3	other leisure		at own home	inside						5	woman	48	Thursday
7	1	1	7 06:40	06:50	10	6.4	eat & drink	TV or radio	at own home	inside						5	woman	48	Thursday
8	1	1	8 06:50	07:00	10	6.5	childcare		at own home	inside	No	No	Yes	Yes	No	3	woman	48	Thursday
9	1	1	9 07:00	07:30	30	7	eat & drink	TV or radio	at own home	inside	No	No	Yes	Yes	No	6	woman	48	Thursday
10	1	1	10 07:30	08:20	50	7.3	cleaning		at own home	inside						3	woman	48	Thursday
11	1	1	11 08:20	09:00	40	8.2	cooking	TV or radio	at own home	inside	Yes	No	No	No	No	very much	woman	48	Thursday
12	1	1	12 09:00	09:10	10	9	internet		at own home	inside	Yes	No	No	No	No	very much	woman	48	Thursday
13	1	1	13 09:10	10:00	50	9.1	other leisure		at own home	inside	Yes	No	No	No	No	very much	woman	48	Thursday
14	1	1	14 10:00	11:00	60	10	internet		at own home	inside	Yes	No	No	No	No	very much	woman	48	Thursday
15	1	1	15 11:00	11:10	10	11	cooking		at own home	inside	No	No	Yes	No	No	very much	woman	48	Thursday
16	1	1	16 11:10	11:30	20	11.1	other leisure		at own home	inside	No	No	Yes	No	No	5	woman	48	Thursday
17	1	1	17 11:30	13:00	90	11.3	reading		at own home	inside	Yes	No	No	No	No	5	woman	48	Thursday
18	1	1	18 13:00	14:00	60	13	eat & drink	TV or radio	at own home	inside						6	woman	48	Thursday
19	1	1	19 14:00	15:00	60	14	travel	TV or radio	travelling	in vehicle	Yes	No	No	No	No	5	woman	48	Thursday
20	1	1	20 15:00	16:00	60	15	shopping		at services or sh...	inside	Yes	No	No	No	No	5	woman	48	Thursday
21	1	1	21 16:00	16:20	20	16	cleaning	cooking	at own home	inside	Yes	No	No	No	No	4	woman	48	Thursday
22	1	1	22 16:20	17:00	40	16.2	cooking	internet	at own home	inside	Yes	No	No	No	No	4	woman	48	Thursday
23	1	1	23 17:00	18:00	60	17	internet	TV or radio	at own home	inside	Yes	No	No	No	No	5	woman	48	Thursday
24	1	1	24 18:00	18:50	50	18	eat & drink	TV or radio	at own home	inside	No	No	Yes	No	No	5	woman	48	Thursday
25	1	1	25 18:50	20:00	70	18.5	TV or radio		at own home	inside	No	No	Yes	No	No	5	woman	48	Thursday
26	1	1	26 20:00	20:50	50	20	cooking		at own home	inside	No	No	Yes	Yes	No	4	woman	48	Thursday
27	1	1	27 20:50	21:00	10	20.5	other leisure		at own home	inside						6	woman	48	Thursday
28	1	1	28 21:00	22:00	60	21	internet		at own home	inside	No	No	Yes	Yes	No	2	woman	48	Thursday
29	1	1	29 22:00	23:40	100	22	other leisure	TV or radio	at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday
30	1	1	30 23:40	01:00	80	23.4	internet	TV or radio	at own home	inside	No	No	Yes	Yes	No	2	woman	48	Thursday
31	1	1	31 01:00	04:00	180	1	sleep		at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday
32	1	2	1 04:00	06:40	160	4	sleep		at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Sunday
33	1	2	2 06:40	06:50	10	6.4	self-care		at own home	inside	No	No	Yes	Yes	No	6	woman	48	Sunday
34	1	2	3 06:50	07:00	10	6.5	cooking	pet care	at own home	inside	No	No	Yes	Yes	No	6	woman	48	Sunday
35	1	2	4 07:00	07:20	20	7	cleaning		at own home	inside	No	No	Yes	Yes	No	5	woman	48	Sunday
36	1	2	5 07:20	08:00	40	7.2	eat & drink	TV or radio	at own home	inside	No	No	Yes	Yes	No	6	woman	48	Sunday
37	1	2	6 08:00	08:20	20	8	cleaning		at own home	inside	No	No	Yes	Yes	No	5	woman	48	Sunday
38	1	2	7 08:20	09:00	40	8.2	other leisure	TV or radio	at own home	inside	No	No	Yes	Yes	No	6	woman	48	Sunday
39	1	2	8 09:00	09:20	20	9	pet care		at own home	inside	No	No	Yes	Yes	No	6	woman	48	Sunday
40	1	2	9 09:20	10:00	40	9.2	cleaning	TV or radio	at own home	inside	No	No	Yes	Yes	No	6	woman	48	Sunday
41	1	2	10 10:00	10:10	10	10	eat & drink		at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Sunday
42	1	2	11 10:10	10:20	10	10.1	other leisure		at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Sunday
43	1	2	12 10:20	10:40	20	10.2	cleaning		at own home	inside	No	No	Yes	Yes	No	5	woman	48	Sunday
44	1	2	13 10:40	11:50	70	10.4	other leisure		at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Sunday
45	1	2	14 11:50	12:00	10	11.5	travel		travelling	in vehicle	No	Yes	Yes	Yes	No	very much	woman	48	Sunday
46	1	2	15 12:00	13:10	70	12	shopping		at services or sh...	inside	No	No	Yes	Yes	No	6	woman	48	Sunday
47	1	2	16 13:10	14:00	50	13.1	eat & drink		at restaurant, bar...	inside						6	woman	48	Sunday
48	1	2	17 14:00	14:20	20	14	shopping		at services or sh...	inside						very much	woman	48	Sunday
49	1	2	18 14:20	14:40	20	14.2	travel		travelling	in vehicle						very much	woman	48	Sunday
50	1	2	19 14:40	15:10	30	14.4	cleaning		at own home	inside						very much	woman	48	Sunday
51	1	2	20 15:10	17:10	120	15.1	cooking		at own home	inside						very much	woman	48	Sunday
52	1	2	21 17:10	18:00	50	17.1	other leisure	outings	at own home	inside	No	No	Yes	Yes	No	6	woman	48	Sunday
53	1	2	22 18:00	18:20	20	18	cooking	other leisure	at own home	inside	No	No	Yes	Yes	No	5	woman	48	Sunday
54	1	2	23 18:20	19:00	40	18.2	eat & drink	other leisure	at own home	inside	No	No	Yes	Yes	No	5	woman	48	Sunday
55	1	2	24 19:00	20:00	60	19	cleaning	TV or radio	at own home	inside	No	No	Yes	Yes	No	5	woman	48	Sunday
56	1	2	25 20:00	20:30	30	20	cooking	TV or radio	at own home	inside						5	woman	48	Sunday
57	1	2	26 20:30	22:00	90	20.3	TV or radio		at own home	inside						very much	woman	48	Sunday
58	1	2	27 22:00	23:00	60	22	self-care		at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Sunday
59	1	2	28 23:00	04:00	300	23	sleep		at own home	inside	No	No	No	Yes	No	very much	woman	48	Sunday
60	2	1	1 04:00	07:10	190	4	sleep		at own home	inside						very much	man	13	Thursday
61	2	1	2 07:10	07:20	10	7.1	self-care	self-care	at own home	inside						not at all	man	13	Thursday
62	2	1	3 07:20	07:30	10	7.2	eat & drink		at own home	inside	No	No	No	No	No	3	man	13	Thursday
63	2	1	4 07:30	07:50	20	7.3	self-care		at own home	inside						not at all	man	13	Thursday
64	2	1	5 07:50	09:00	70	7.5	commute		travelling	outside						not at all	man	13	Thursday

Variables

Filter variables here

Name	Label	Type	Format	Value label
personid	person identifier	float	%3.0f	
diaryid	diary identifier	double	%3.0f	diadid
epnum	episode number	float	%9.0g	
start	start time of episode (mi...	float	%9.0g	xclock4
end	end time of episode (mi...	float	%9.0g	xclock4
time	duration of episode (mi...	float	%9.0g	
clockst	start time on 24-hour cl...	double	%10.0g	
primary	primary activity	float	%13.0g	activity
secondary	secondary activity	float	%13.0g	activity
location	location of activity	float	%15.0f	eloc
inout	inside or outside	float	%21.0g	inout
ww_alone	with whom: alone (or w...	float	%4.0f	yesno
ww_child	with whom: child aged ...	float	%4.0f	yesno
ww_partner	with whom: spouse or p...	float	%4.0f	yesno
ww_other	with whom: other adult/s	float	%4.0f	yesno
ww_nonhh	with whom: non house...	float	%4.0f	yesno
enjoyment	level of enjoyment	byte	%10.0g	enjoy
gender	gender of diarist	float	%2.0f	sex
age	age of diarist	float	%2.0f	age
day	day of the week diary ke...	float	%2.0f	day

Variables

Snapshots

Properties

Variables

Name	personid
Label	person identifier
Type	float
Format	%3.0f
Value label	
Notes	

Data

Frame

default

Filename

calendar.dta

Label

Notes

Variables

20

Observations

2,302

Size

191.08K

Memory

64M

Sorted by

help sequence

File Edit View Data Tools																					
personid[1]																					
1																					
	personid	diaryid	epnum	start	end	time	clockst	primary	secondary	location	inout	ww_alone	ww_child	ww_part...	ww_other	ww_non...	enjoyment	gender	age	day	
1	1	1	1	04:00	05:50	110	4	sleep	.	at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday	
2	1	1	2	05:50	06:00	10	5.5	TV or radio	sleep	at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday	
3	1	1	3	06:00	06:10	10	6	self-care	.	at own home	inside	.	.	.	.	.	3	woman	48	Thursday	
4	1	1	4	06:10	06:20	10	6.1	cleaning	.	at own home	inside	.	.	.	.	.	3	woman	48	Thursday	
5	1	1	5	06:20	06:30	10	6.2	cooking	.	at own home	inside	.	.	.	.	.	5	woman	48	Thursday	
6	1	1	6	06:30	06:40	10	6.3	other leisure	.	at own home	inside	.	.	.	.	.	5	woman	48	Thursday	
7	1	1	7	06:40	06:50	10	6.4	eat & drink	TV or radio	at own home	inside	.	.	.	.	.	5	woman	48	Thursday	
8	1	1	8	06:50	07:00	10	6.5	childcare	.	at own home	inside	No	No	Yes	Yes	No	3	woman	48	Thursday	
9	1	1	9	07:00	07:30	30	7	eat & drink	TV or radio	at own home	inside	No	No	Yes	Yes	No	6	woman	48	Thursday	
10	1	1	10	07:30	08:20	50	7.3	cleaning	.	at own home	inside	.	.	.	.	.	3	woman	48	Thursday	
11	1	1	11	08:20	09:00	40	8.2	cooking	TV or radio	at own home	inside	Yes	No	No	No	No	very much	woman	48	Thursday	
12	1	1	12	09:00	09:10	10	9	internet	.	at own home	inside	Yes	No	No	No	No	very much	woman	48	Thursday	
13	1	1	13	09:10	10:00	50	9.1	other leisure	.	at own home	inside	Yes	No	No	No	No	very much	woman	48	Thursday	
14	1	1	14	10:00	11:00	60	10	internet	.	at own home	inside	Yes	No	No	No	No	very much	woman	48	Thursday	
15	1	1	15	11:00	11:10	10	11	cooking	.	at own home	inside	No	No	Yes	No	No	very much	woman	48	Thursday	
16	1	1	16	11:10	11:30	20	11.1	other leisure	.	at own home	inside	No	No	Yes	No	No	5	woman	48	Thursday	
17	1	1	17	11:30	13:00	90	11.3	reading	.	at own home	inside	Yes	No	No	No	No	5	woman	48	Thursday	
18	1	1	18	13:00	14:00	60	13	eat & drink	TV or radio	at own home	inside	.	.	.	.	.	6	woman	48	Thursday	
19	1	1	19	14:00	15:00	60	14	travel	TV or radio	travelling	in vehicle	Yes	No	No	No	No	5	woman	48	Thursday	
20	1	1	20	15:00	16:00	60	15	shopping	.	at services or sh...	inside	Yes	No	No	No	No	5	woman	48	Thursday	
21	1	1	21	16:00	16:20	20	16	cleaning	cooking	at own home	inside	Yes	No	No	No	No	4	woman	48	Thursday	
22	1	1	22	16:20	17:00	40	16.2	cooking	internet	at own home	inside	Yes	No	No	No	No	4	woman	48	Thursday	
23	1	1	23	17:00	18:00	60	17	internet	TV or radio	at own home	inside	Yes	No	No	No	No	5	woman	48	Thursday	
24	1	1	24	18:00	18:50	50	18	eat & drink	TV or radio	at own home	inside	No	No	Yes	No	No	5	woman	48	Thursday	
25	1	1	25	18:50	20:00	70	18.5	TV or radio	.	at own home	inside	No	No	Yes	No	No	5	woman	48	Thursday	
26	1	1	26	20:00	20:50	50	20	cooking	.	at own home	inside	No	No	Yes	Yes	No	4	woman	48	Thursday	
27	1	1	27	20:50	21:00	10	20.5	other leisure	.	at own home	inside	.	.	.	.	.	6	woman	48	Thursday	
28	1	1	28	21:00	22:00	60	21	internet	.	at own home	inside	No	No	Yes	Yes	No	2	woman	48	Thursday	
29	1	1	29	22:00	23:40	100	22	other leisure	TV or radio	at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday	
30	1	1	30	23:40	01:00	80	23.4	internet	TV or radio	at own home	inside	No	No	Yes	Yes	No	2	woman	48	Thursday	
31	1	1	31	01:00	04:00	180	1	sleep	.	at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday	
32	1	2	1	04:00	06:40	160	4	sleep	.	at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Sunday	
33	1	2	2	06:40	06:50	10	6.4	self-care	.	at own home	inside	No	No	Yes	Yes	No	6	woman	48	Sunday	
34	1	2	3	06:50	07:00	10	6.5	cooking	pet care	at own home	inside	No	No	Yes	Yes	No	6	woman	48	Sunday	
35	1	2	4	07:00	07:20	20	7	cleaning	.	at own home	inside	No	No	Yes	Yes	No	5	woman	48	Sunday	
36	1	2	5	07:20	08:00	40	7.2	eat & drink	TV or radio	at own home	inside	No	No	Yes	Yes	No	6	woman	48	Sunday	
37	1	2	6	08:00	08:20	20	8	cleaning	.	at own home	inside	No	No	Yes	Yes	No	5	woman	48	Sunday	
38	1	2	7	08:20	09:00	40	8.2	other leisure	TV or radio	at own home	inside	No	No	Yes	Yes	No	6	woman	48	Sunday	
39	1	2	8	09:00	09:20	20	9	pet care	.	at own home	inside	No	No	Yes	Yes	No	6	woman	48	Sunday	
40	1	2	9	09:20	10:00	40	9.2	cleaning	TV or radio	at own home	inside	No	No	Yes	Yes	No	6	woman	48	Sunday	
41	1	2	10	10:00	10:10	10	10	eat & drink	.	at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Sunday	
42	1	2	11	10:10	10:20	10	10.1	other leisure	.	at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Sunday	

After - ZOOMED IN

## SEQUENCEX

- Converts an episode file in long format —where each row represents an episode of activity— into another episode file defined by different variables.
- A new episode will be defined any time there is a change in any of the variables specified in the syntax.

In short, the new episode file will be a simplified version of the original one and will most likely contain fewer episodes than the original.

# SEQUENCEX

## Example

---

Using the example dataset “diary”, we convert it into long format, where each row represents an episode of activity. In this example the episodes are defined by the primary activity only.

## Syntax

---

```
net get timeuse
```

```
use diary, clear
```

```
sequencex primary, diaryid(personid diaryid)  
diaryst(4)
```

before:

FileEditViewDataTools

personid[1]

1

	personid	dayid	epnum	start	end	time	primary	secondary	location	inout	ww_alone	ww_child	ww_part...	ww_other	ww_non...	enjoyment	gender	age	day
1	1	1	1	04:00	05:50	110	sleep		at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday
2	1	1	2	05:50	06:00	10	TV or radio	sleep	at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday
3	1	1	3	06:00	06:10	10	self-care		at own home	inside					3	woman	48	Thursday	
4	1	1	4	06:10	06:20	10	cleaning		at own home	inside					3	woman	48	Thursday	
5	1	1	5	06:20	06:30	10	cooking		at own home	inside					5	woman	48	Thursday	
6	1	1	6	06:30	06:40	10	other leisure		at own home	inside					5	woman	48	Thursday	
7	1	1	7	06:40	06:50	10	eat & drink	TV or radio	at own home	inside					5	woman	48	Thursday	
8	1	1	8	06:50	07:00	10	childcare		at own home	inside	No	No	Yes	Yes	No	3	woman	48	Thursday
9	1	1	9	07:00	07:30	30	eat & drink	TV or radio	at own home	inside	No	No	Yes	Yes	No	6	woman	48	Thursday
10	1	1	10	07:30	07:40	10	cleaning		at own home	inside					3	woman	48	Thursday	
11	1	1	11	07:40	07:50	10	cleaning		at own home	inside	Yes	No	No	No	3	woman	48	Thursday	
12	1	1	12	07:50	08:20	30	cleaning		at own home	inside					3	woman	48	Thursday	
13	1	1	13	08:20	08:30	10	cooking	TV or radio	at own home	inside	Yes	No	No	No	No	very much	woman	48	Thursday
14	1	1	14	08:30	09:00	30	cooking	TV or radio	at own home	inside						very much	woman	48	Thursday
15	1	1	15	09:00	09:10	10	internet		at own home	inside	Yes	No	No	No	No	very much	woman	48	Thursday
16	1	1	16	09:10	09:20	10	other leisure		at own home	inside	Yes	No	No	No	No	very much	woman	48	Thursday
17	1	1	17	09:20	10:00	40	other leisure		at own home	inside						very much	woman	48	Thursday
18	1	1	18	10:00	10:10	10	internet		at own home	inside	Yes	No	No	No	No	very much	woman	48	Thursday
19	1	1	19	10:10	11:00	50	internet		at own home	inside						very much	woman	48	Thursday
20	1	1	20	11:00	11:10	10	cooking		at own home	inside	No	No	Yes	No	No	very much	woman	48	Thursday
21	1	1	21	11:10	11:20	10	other leisure		at own home	inside	No	No	Yes	No	No	5	woman	48	Thursday
22	1	1	22	11:20	11:30	10	other leisure		at own home	inside					5	woman	48	Thursday	
23	1	1	23	11:30	11:40	10	reading		at own home	inside	Yes	No	No	No	No	5	woman	48	Thursday
24	1	1	24	11:40	13:00	80	reading	TV or radio	at own home	inside						5	woman	48	Thursday
25	1	1	25	13:00	14:00	60	eat & drink	TV or radio	at own home	inside						6	woman	48	Thursday
26	1	1	26	14:00	15:00	60	travel	TV or radio	travelling	in vehicle	Yes	No	No	No	No	5	woman	48	Thursday
27	1	1	27	15:00	16:00	60	shopping		at services or sh...	inside	Yes	No	No	No	No	5	woman	48	Thursday
28	1	1	28	16:00	16:10	10	cleaning	cooking	at own home	inside	Yes	No	No	No	No	4	woman	48	Thursday
29	1	1	29	16:10	16:20	10	cleaning	internet	at own home	inside	Yes	No	No	No	No	4	woman	48	Thursday
30	1	1	30	16:20	16:40	20	cooking	internet	at own home	inside	Yes	No	No	No	No	4	woman	48	Thursday
31	1	1	31	16:40	17:00	20	cooking		at own home	inside	Yes	No	No	No	No	4	woman	48	Thursday
32	1	1	32	17:00	17:50	50	internet	TV or radio	at own home	inside	Yes	No	No	No	No	5	woman	48	Thursday
33	1	1	33	17:50	18:00	10	internet	TV or radio	at own home	inside	No	No	Yes	Yes	No	5	woman	48	Thursday
34	1	1	34	18:00	18:10	10	eat & drink	TV or radio	at own home	inside	No	No	Yes	No	No	5	woman	48	Thursday
35	1	1	35	18:10	19:50	40	eat & drink		at own home	inside	No	No	Yes	No	No	5	woman	48	Thursday
36	1	1	36	19:50	19:00	10	TV or radio		at own home	inside	No	No	Yes	No	No	5	woman	48	Thursday
37	1	1	37	19:00	19:10	10	TV or radio	cleaning	at own home	inside	No	No	Yes	Yes	No	5	woman	48	Thursday
38	1	1	38	19:10	20:00	50	TV or radio	cleaning	at own home	inside					5	woman	48	Thursday	
39	1	1	39	20:00	20:10	10	cooking		at own home	inside	No	No	Yes	Yes	No	4	woman	48	Thursday
40	1	1	40	20:10	20:50	40	cooking		at own home	inside					4	woman	48	Thursday	
41	1	1	41	20:50	21:00	10	other leisure		at own home	inside					6	woman	48	Thursday	
42	1	1	42	21:00	21:10	10	internet		at own home	inside	No	No	Yes	Yes	No	2	woman	48	Thursday
43	1	1	43	21:10	22:00	50	internet		at own home	inside					2	woman	48	Thursday	
44	1	1	44	22:00	23:40	100	other leisure	TV or radio	at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday
45	1	1	45	23:40	01:00	80	internet	TV or radio	at own home	inside	No	No	Yes	Yes	No	2	woman	48	Thursday
46	1	1	46	01:00	04:00	180	sleep		at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday
47	1	2	1	04:00	06:30	150	sleep		at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Sunday
48	1	2	2	06:30	06:40	10	sleep		at own home	inside	No	No	Yes	Yes	No	6	woman	48	Sunday
49	1	2	3	06:40	06:50	10	self-care		at own home	inside	No	No	Yes	Yes	No	6	woman	48	Sunday
50	1	2	4	06:50	07:00	10	cooking	pet care	at own home	inside	No	No	Yes	Yes	No	6	woman	48	Sunday
51	1	2	5	07:00	07:20	20	cleaning		at own home	inside	No	No	Yes	Yes	No	5	woman	48	Sunday
52	1	2	6	07:20	08:00	40	eat & drink	TV or radio	at own home	inside	No	No	Yes	Yes	No	6	woman	48	Sunday
53	1	2	7	08:00	08:20	20	cleaning		at own home	inside	No	No	Yes	Yes	No	5	woman	48	Sunday
54	1	2	8	08:20	09:00	40	other leisure	TV or radio	at own home	inside	No	No	Yes	Yes	No	6	woman	48	Sunday
55	1	2	9	09:00	09:20	20	pet care		at own home	inside	No	No	Yes	Yes	No	6	woman	48	Sunday
56	1	2	10	09:20	10:00	40	cleaning	TV or radio	at own home	inside	No	No	Yes	Yes	No	6	woman	48	Sunday
57	1	2	11	10:00	10:10	10	eat & drink		at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Sunday
58	1	2	12	10:10	10:20	10	other leisure		at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Sunday
59	1	2	13	10:20	10:40	20	cleaning		at own home	inside	No	No	Yes	Yes	No	5	woman	48	Sunday
60	1	2	14	10:40	11:10	30	other leisure		at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Sunday
61	1	2	15	11:10	11:50	40	other leisure		at own home	inside	No	Yes	Yes	Yes	No	very much	woman	48	Sunday
62	1	2	16	11:50	12:00	10	travel		travelling	in vehicle	No	Yes	Yes	Yes	No	very much	woman	48	Sunday
63	1	2	17	12:00	13:00	60	shopping		at services or sh...	inside	No	No	Yes	Yes	No	6	woman	48	Sunday
64	1	2	18	13:00	13:10	10	shopping		at services or sh...	inside					6	woman	48	Sunday	
65	1	2	19	13:10	13:20	60	shopping		at services or sh...	inside					6	woman	48	Sunday	

Variables

Filter variables here

<input checked="" type="checkbox"/>	Name	Label	Type	Format	Value label
<input checked="" type="checkbox"/>	personid	person identifier	float	%3.0f	
<input checked="" type="checkbox"/>	diaryid	diary identifier	double	%3.0f	diadid
<input checked="" type="checkbox"/>	epnum	episode number	float	%9.0g	
<input checked="" type="checkbox"/>	start	start time of episode (m...	float	%7.0f	xclock4
<input checked="" type="checkbox"/>	end	end time of episode (m...	float	%9.0g	xclock4
<input checked="" type="checkbox"/>	time	duration of episode (m...	float	%9.0g	
<input checked="" type="checkbox"/>	primary	primary activity	float	%13.0g	activity
<input checked="" type="checkbox"/>	secondary	secondary activity	float	%13.0g	activity
<input checked="" type="checkbox"/>	location	location of activity	float	%15.0f	eloc
<input checked="" type="checkbox"/>	inout	inside or outside	float	%21.0g	inout
<input checked="" type="checkbox"/>	ww_alone	with whom: alone (or w...	float	%4.0f	yesno
<input checked="" type="checkbox"/>	ww_child	with whom: child aged ...	float	%4.0f	yesno
<input checked="" type="checkbox"/>	ww_partner	with whom: spouse or p...	float	%4.0f	yesno
<input checked="" type="checkbox"/>	ww_other	with whom: other adult/s	float	%4.0f	yesno
<input checked="" type="checkbox"/>	ww_nonhh	with whom: non house...	float	%4.0f	yesno
<input checked="" type="checkbox"/>	enjoyment	level of enjoyment	byte	%10.0g	enjoy
<input checked="" type="checkbox"/>	gender	gender of diarist	float	%2.0f	sex
<input checked="" type="checkbox"/>	age	age of diarist	float	%2.0f	age
<input checked="" type="checkbox"/>	day	day of the week diary ke...	float	%2.0f	day

Variables | Snapshots

Properties

Variables

Name	personid
Label	person identifier
Type	float
Format	%3.0f
Value label	
Notes	

Frame

default

Filename

diary.dta

Label

Notes

Variables

19

Observations

3,309

Size

248.82K

Memory

64M

Sorted by

personid diaryid

help sequencex



Before - ZOOMED IN

File Edit View Data Tools																				
personid[1]		1																		
	personid	diaryid	epnum	start	end	time	primary	secondary	location	inout	ww_alone	ww_child	ww_part...	ww_other	ww_non...	enjoyment	gender	age	day	
1	1	1	1	04:00	05:50	110	sleep	.	at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday	
2	1	1	2	05:50	06:00	10	TV or radio	sleep	at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday	
3	1	1	3	06:00	06:10	10	self-care	.	at own home	inside	.	.	.	.	.	3	woman	48	Thursday	
4	1	1	4	06:10	06:20	10	cleaning	.	at own home	inside	.	.	.	.	.	3	woman	48	Thursday	
5	1	1	5	06:20	06:30	10	cooking	.	at own home	inside	.	.	.	.	.	5	woman	48	Thursday	
6	1	1	6	06:30	06:40	10	other leisure	.	at own home	inside	.	.	.	.	.	5	woman	48	Thursday	
7	1	1	7	06:40	06:50	10	eat & drink	TV or radio	at own home	inside	.	.	.	.	.	5	woman	48	Thursday	
8	1	1	8	06:50	07:00	10	childcare	.	at own home	inside	No	No	Yes	Yes	No	3	woman	48	Thursday	
9	1	1	9	07:00	07:30	30	eat & drink	TV or radio	at own home	inside	No	No	Yes	Yes	No	6	woman	48	Thursday	
10	1	1	10	07:30	07:40	10	cleaning	.	at own home	inside	.	.	.	.	.	3	woman	48	Thursday	
11	1	1	11	07:40	07:50	10	cleaning	.	at own home	inside	Yes	No	No	No	No	3	woman	48	Thursday	
12	1	1	12	07:50	08:20	30	cleaning	.	at own home	inside	.	.	.	.	.	3	woman	48	Thursday	
13	1	1	13	08:20	08:30	10	cooking	TV or radio	at own home	inside	Yes	No	No	No	No	very much	woman	48	Thursday	
14	1	1	14	08:30	09:00	30	cooking	TV or radio	at own home	inside	.	.	.	.	.	very much	woman	48	Thursday	
15	1	1	15	09:00	09:10	10	internet	.	at own home	inside	Yes	No	No	No	No	very much	woman	48	Thursday	
16	1	1	16	09:10	09:20	10	other leisure	.	at own home	inside	Yes	No	No	No	No	very much	woman	48	Thursday	
17	1	1	17	09:20	10:00	40	other leisure	.	at own home	inside	.	.	.	.	.	very much	woman	48	Thursday	
18	1	1	18	10:00	10:10	10	internet	.	at own home	inside	Yes	No	No	No	No	very much	woman	48	Thursday	
19	1	1	19	10:10	11:00	50	internet	.	at own home	inside	.	.	.	.	.	very much	woman	48	Thursday	
20	1	1	20	11:00	11:10	10	cooking	.	at own home	inside	No	No	Yes	No	No	very much	woman	48	Thursday	
21	1	1	21	11:10	11:20	10	other leisure	.	at own home	inside	No	No	Yes	No	No	5	woman	48	Thursday	
22	1	1	22	11:20	11:30	10	other leisure	.	at own home	inside	.	.	.	.	.	5	woman	48	Thursday	
23	1	1	23	11:30	11:40	10	reading	.	at own home	inside	Yes	No	No	No	No	5	woman	48	Thursday	
24	1	1	24	11:40	13:00	80	reading	TV or radio	at own home	inside	.	.	.	.	.	5	woman	48	Thursday	
25	1	1	25	13:00	14:00	60	eat & drink	TV or radio	at own home	inside	.	.	.	.	.	6	woman	48	Thursday	
26	1	1	26	14:00	15:00	60	travel	TV or radio	travelling	in vehicle	Yes	No	No	No	No	5	woman	48	Thursday	
27	1	1	27	15:00	16:00	60	shopping	.	at services or sh...	inside	Yes	No	No	No	No	5	woman	48	Thursday	
28	1	1	28	16:00	16:10	10	cleaning	cooking	at own home	inside	Yes	No	No	No	No	4	woman	48	Thursday	
29	1	1	29	16:10	16:20	10	cleaning	internet	at own home	inside	Yes	No	No	No	No	4	woman	48	Thursday	
30	1	1	30	16:20	16:40	20	cooking	internet	at own home	inside	Yes	No	No	No	No	4	woman	48	Thursday	
31	1	1	31	16:40	17:00	20	cooking	.	at own home	inside	Yes	No	No	No	No	4	woman	48	Thursday	
32	1	1	32	17:00	17:50	50	internet	TV or radio	at own home	inside	Yes	No	No	No	No	5	woman	48	Thursday	
33	1	1	33	17:50	18:00	10	internet	TV or radio	at own home	inside	No	No	Yes	Yes	No	5	woman	48	Thursday	
34	1	1	34	18:00	18:10	10	eat & drink	TV or radio	at own home	inside	No	No	Yes	No	No	5	woman	48	Thursday	
35	1	1	35	18:10	18:50	40	eat & drink	.	at own home	inside	No	No	Yes	No	No	5	woman	48	Thursday	
36	1	1	36	18:50	19:00	10	TV or radio	.	at own home	inside	No	No	Yes	No	No	5	woman	48	Thursday	
37	1	1	37	19:00	19:10	10	TV or radio	cleaning	at own home	inside	No	No	Yes	Yes	No	5	woman	48	Thursday	
38	1	1	38	19:10	20:00	50	TV or radio	cleaning	at own home	inside	.	.	.	.	.	5	woman	48	Thursday	
39	1	1	39	20:00	20:10	10	cooking	.	at own home	inside	No	No	Yes	Yes	No	4	woman	48	Thursday	
40	1	1	40	20:10	20:50	40	cooking	.	at own home	inside	.	.	.	.	.	4	woman	48	Thursday	
41	1	1	41	20:50	21:00	10	other leisure	.	at own home	inside	.	.	.	.	.	6	woman	48	Thursday	
42	1	1	42	21:00	21:10	10	internet	.	at own home	inside	No	No	Yes	Yes	No	2	woman	48	Thursday	
43	1	1	43	21:10	22:00	50	internet	.	at own home	inside	.	.	.	.	.	2	woman	48	Thursday	
44	1	1	44	22:00	23:40	100	other leisure	TV or radio	at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday	
45	1	1	45	23:40	01:00	80	internet	TV or radio	at own home	inside	No	No	Yes	Yes	No	2	woman	48	Thursday	
46	1	1	46	01:00	04:00	180	sleep	.	at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday	
47	1	2	1	04:00	06:30	150	sleep	.	at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Sunday	
48	1	2	2	06:30	06:40	10	sleep	.	at own home	inside	No	No	Yes	Yes	No	6	woman	48	Sunday	
49	1	2	3	06:40	06:50	10	self-care	.	at own home	inside	No	No	Yes	Yes	No	6	woman	48	Sunday	
50	1	2	4	06:50	07:00	10	cooking	pet care	at own home	inside	No	No	Yes	Yes	No	6	woman	48	Sunday	
51	1	2	5	07:00	07:20	20	cleaning	.	at own home	inside	No	No	Yes	Yes	No	5	woman	48	Sunday	

after:

FileEditViewDataTools

personid[1]

1

	personid	dayid	epnum	start	end	time	clockst	primary	secondary	location	inout	ww_alone	ww_child	ww_part...	ww_other	ww_non...	enjoyment	gender	age	day
1	1	1	1	1 04 00	05 50	110	4	sleep		at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday
2	1	1	1	2 05 50	06 00	10	5.5	TV or radio	sleep	at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday
3	1	1	1	3 06 00	06 10	10	6	self-care		at own home	inside					3	woman	48	Thursday	
4	1	1	1	4 06 10	06 20	10	6.1	cleaning		at own home	inside					3	woman	48	Thursday	
5	1	1	1	5 06 20	06 30	10	6.2	cooking		at own home	inside					5	woman	48	Thursday	
6	1	1	1	6 06 30	06 40	10	6.3	other leisure		at own home	inside					5	woman	48	Thursday	
7	1	1	1	7 06 40	06 50	10	6.4	eat & drink	TV or radio	at own home	inside					5	woman	48	Thursday	
8	1	1	1	8 06 50	07 00	10	6.5	childcare		at own home	inside	No	No	Yes	Yes	No	3	woman	48	Thursday
9	1	1	1	9 07 00	07 30	30	7	eat & drink	TV or radio	at own home	inside	No	No	Yes	Yes	No	6	woman	48	Thursday
10	1	1	1	10 07 30	08 20	50	7.3	cleaning		at own home	inside					3	woman	48	Thursday	
11	1	1	1	11 08 20	09 00	40	8.2	cooking	TV or radio	at own home	inside	Yes	No	No	No	No	very much	woman	48	Thursday
12	1	1	1	12 09 00	09 10	10	9	internet		at own home	inside	Yes	No	No	No	No	very much	woman	48	Thursday
13	1	1	1	13 09 10	10 00	50	9.1	other leisure		at own home	inside	Yes	No	No	No	No	very much	woman	48	Thursday
14	1	1	1	14 10 00	11 00	60	10	internet		at own home	inside	Yes	No	No	No	No	very much	woman	48	Thursday
15	1	1	1	15 11 00	11 10	10	11	cooking		at own home	inside	No	No	Yes	No	No	very much	woman	48	Thursday
16	1	1	1	16 11 10	11 30	20	11.1	other leisure		at own home	inside	No	No	Yes	No	No	5	woman	48	Thursday
17	1	1	1	17 11 30	13 00	90	11.3	reading		at own home	inside	Yes	No	No	No	No	5	woman	48	Thursday
18	1	1	1	18 13 00	14 00	60	13	eat & drink	TV or radio	at own home	inside					6	woman	48	Thursday	
19	1	1	1	19 14 00	15 00	60	14	travel	TV or radio	travelling	in vehicle	Yes	No	No	No	No	5	woman	48	Thursday
20	1	1	1	20 15 00	16 00	60	15	shopping		at services or sh.	inside	Yes	No	No	No	No	5	woman	48	Thursday
21	1	1	1	21 16 00	16 20	20	16	cleaning	cooking	at own home	inside	Yes	No	No	No	No	4	woman	48	Thursday
22	1	1	1	22 16 20	17 00	40	16.2	cooking	internet	at own home	inside	Yes	No	No	No	No	4	woman	48	Thursday
23	1	1	1	23 17 00	18 00	60	17	internet	TV or radio	at own home	inside	Yes	No	No	No	No	5	woman	48	Thursday
24	1	1	1	24 18 00	18 50	50	18	eat & drink	TV or radio	at own home	inside	No	No	Yes	Yes	No	5	woman	48	Thursday
25	1	1	1	25 18 50	20 00	70	18.5	TV or radio		at own home	inside	No	No	Yes	Yes	No	5	woman	48	Thursday
26	1	1	1	26 20 00	20 50	50	20	cooking		at own home	inside	No	No	Yes	Yes	No	4	woman	48	Thursday
27	1	1	1	27 20 50	21 00	10	20.5	other leisure		at own home	inside					6	woman	48	Thursday	
28	1	1	1	28 21 00	22 00	60	21	internet		at own home	inside	No	No	Yes	Yes	No	2	woman	48	Thursday
29	1	1	1	29 22 00	23 40	100	22	other leisure	TV or radio	at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday
30	1	1	1	30 23 40	01 00	80	23.4	internet	TV or radio	at own home	inside	No	No	Yes	Yes	No	2	woman	48	Thursday
31	1	1	1	31 01 00	04 00	180	1	sleep		at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday
32	1	2	1	1 04 00	06 40	160	4	sleep		at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Sunday
33	1	2	2	2 06 40	06 50	10	6.4	self-care		at own home	inside	No	No	Yes	Yes	No	6	woman	48	Sunday
34	1	2	3	3 06 50	07 00	10	6.5	cooking	pet care	at own home	inside	No	No	Yes	Yes	No	6	woman	48	Sunday
35	1	2	4	4 07 00	07 20	20	7	cleaning		at own home	inside	No	No	Yes	Yes	No	5	woman	48	Sunday
36	1	2	5	5 07 20	08 00	40	7.2	eat & drink	TV or radio	at own home	inside	No	No	Yes	Yes	No	6	woman	48	Sunday
37	1	2	6	6 08 00	08 20	20	8	cleaning		at own home	inside	No	No	Yes	Yes	No	5	woman	48	Sunday
38	1	2	7	7 08 20	09 00	40	8.2	other leisure	TV or radio	at own home	inside	No	No	Yes	Yes	No	6	woman	48	Sunday
39	1	2	8	8 09 00	09 20	20	9	pet care		at own home	inside	No	No	Yes	Yes	No	6	woman	48	Sunday
40	1	2	9	9 09 20	10 00	40	9.2	cleaning	TV or radio	at own home	inside	No	No	Yes	Yes	No	6	woman	48	Sunday
41	1	2	10	10 10 00	10 10	10	10	eat & drink		at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Sunday
42	1	2	11	11 10 10	10 20	10	10.1	other leisure		at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Sunday
43	1	2	12	12 10 20	10 40	20	10.2	cleaning		at own home	inside	No	No	Yes	Yes	No	5	woman	48	Sunday
44	1	2	13	13 10 40	11 50	70	10.4	other leisure		at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Sunday
45	1	2	14	14 11 50	12 00	10	11.5	travel		travelling	in vehicle	No	Yes	Yes	Yes	No	very much	woman	48	Sunday
46	1	2	15	15 12 00	13 10	70	12	shopping		at services or sh.	inside	No	No	Yes	Yes	No	6	woman	48	Sunday
47	1	2	16	16 13 10	14 00	50	13.1	eat & drink		at restaurant, bar...	inside					6	woman	48	Sunday	
48	1	2	17	17 14 00	14 20	20	14	shopping		at services or sh.	inside					very much	woman	48	Sunday	
49	1	2	18	18 14 20	14 40	20	14.2	travel		travelling	in vehicle					very much	woman	48	Sunday	
50	1	2	19	19 14 40	15 10	30	14.4	cleaning		at own home	inside					very much	woman	48	Sunday	
51	1	2	20	20 15 10	17 10	120	15.1	cooking		at own home	inside					very much	woman	48	Sunday	
52	1	2	21	21 17 10	18 00	50	17.1	other leisure	outings	at own home	inside	No	No	Yes	Yes	No	6	woman	48	Sunday
53	1	2	22	22 18 00	18 20	20	18	cooking	other leisure	at own home	inside	No	No	Yes	Yes	No	5	woman	48	Sunday
54	1	2	23	23 18 20	19 00	40	18.2	eat & drink	other leisure	at own home	inside	No	No	Yes	Yes	No	5	woman	48	Sunday
55	1	2	24	24 19 00	20 00	60	19	cleaning	TV or radio	at own home	inside	No	No	Yes	Yes	No	5	woman	48	Sunday
56	1	2	25	25 20 00	20 30	30	20	cooking	TV or radio	at own home	inside					5	woman	48	Sunday	
57	1	2	26	26 20 30	22 00	90	20.3	TV or radio		at own home	inside					very much	woman	48	Sunday	
58	1	2	27	27 22 00	23 00	60	22	self-care		at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Sunday
59	1	2	28	28 23 00	04 00	300	23	sleep		at own home	inside	No	No	No	Yes	No	very much	woman	48	Sunday
60	2	1	1	1 04 00	07 10	190	4	sleep		at own home	inside						very much	man	13	Thursday
61	2	1	2	2 07 10	07 20	10	7.1	self-care	self-care	at own home	inside						not at all	man	13	Thursday
62	2	1	3	3 07 20	07 30	10	7.2	eat & drink		at own home	inside	No	No	No	No	No	3	man	13	Thursday
63	2	1	4	4 07 30	07 50	20	7.3	self-care		at own home	inside						not at all	man	13	Thursday
64	2	1	5	5 07 50	09 00	70	7.5	commute		travelling	outside						not at all	man	13	Thursday

Variables

Filter variables here

<input checked="" type="checkbox"/>	Name	Label	Type	Format	Value label
<input checked="" type="checkbox"/>	personid	person identifier	float	%3.0f	
<input checked="" type="checkbox"/>	dayid	diary identifier	double	%3.0f	diaid
<input checked="" type="checkbox"/>	epnum	episode number	float	%9.0g	
<input checked="" type="checkbox"/>	start	start time of episode (mi...	float	%7.0f	xclock4
<input checked="" type="checkbox"/>	end	end time of episode (mi...	float	%9.0g	xclock4
<input checked="" type="checkbox"/>	time	duration of episode (mi...	float	%9.0g	
<input checked="" type="checkbox"/>	clockst	start time on 24-hour cl...	double	%10.0g	
<input checked="" type="checkbox"/>	primary	primary activity	float	%13.0g	activity
<input checked="" type="checkbox"/>	secondary	secondary activity	float	%13.0g	activity
<input checked="" type="checkbox"/>	location	location of activity	float	%15.0f	eloc
<input checked="" type="checkbox"/>	inout	inside or outside	float	%21.0g	inout
<input checked="" type="checkbox"/>	ww_alone	with whom: alone (or w...	float	%4.0f	yesno
<input checked="" type="checkbox"/>	ww_child	with whom: child aged ...	float	%4.0f	yesno
<input checked="" type="checkbox"/>	ww_partner	with whom: spouse or p...	float	%4.0f	yesno
<input checked="" type="checkbox"/>	ww_other	with whom: other adult/s	float	%4.0f	yesno
<input checked="" type="checkbox"/>	ww_nonhh	with whom: non house...	float	%4.0f	yesno
<input checked="" type="checkbox"/>	enjoyment	level of enjoyment	byte	%10.0g	enjoy
<input checked="" type="checkbox"/>	gender	gender of diarist	float	%2.0f	sex
<input checked="" type="checkbox"/>	age	age of diarist	float	%2.0f	age
<input checked="" type="checkbox"/>	day	day of the week diary ke...	float	%2.0f	day

Variables

Snapshots

Properties

Variables

Name	personid
Label	person identifier
Type	float
Format	%3.0f
Value label	
Notes	

Data

Frame	default
Filename	diary.dta
Label	
Notes	
Variables	20
Observations	2,302
Size	191.08K
Memory	64M
Sorted by	personid diaryid

Ready

Vars: 20 Order: Dataset Obs: 2,302 Filter: Off Mode: Edit CAP: NUM

File Edit View Data Tools																					
personid[1]		1																			
	personid	diaryid	epnum	start	end	time	clockst	primary	secondary	location	inout	ww_alone	ww_child	ww_part...	ww_other	ww_non...	enjoyment	gender	age	day	
1	1	1	1	04:00	05:50	110	4	sleep	.	at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday	
2	1	1	2	05:50	06:00	10	5.5	TV or radio	sleep	at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday	
3	1	1	3	06:00	06:10	10	6	self-care	.	at own home	inside	.	.	.	.	.	3	woman	48	Thursday	
4	1	1	4	06:10	06:20	10	6.1	cleaning	.	at own home	inside	.	.	.	.	.	3	woman	48	Thursday	
5	1	1	5	06:20	06:30	10	6.2	cooking	.	at own home	inside	.	.	.	.	.	5	woman	48	Thursday	
6	1	1	6	06:30	06:40	10	6.3	other leisure	.	at own home	inside	.	.	.	.	.	5	woman	48	Thursday	
7	1	1	7	06:40	06:50	10	6.4	eat & drink	TV or radio	at own home	inside	.	.	.	.	.	5	woman	48	Thursday	
8	1	1	8	06:50	07:00	10	6.5	childcare	.	at own home	inside	No	No	Yes	Yes	No	3	woman	48	Thursday	
9	1	1	9	07:00	07:30	30	7	eat & drink	TV or radio	at own home	inside	No	No	Yes	Yes	No	6	woman	48	Thursday	
10	1	1	10	07:30	08:20	50	7.3	cleaning	.	at own home	inside	.	.	.	.	.	3	woman	48	Thursday	
11	1	1	11	08:20	09:00	40	8.2	cooking	TV or radio	at own home	inside	Yes	No	No	No	No	very much	woman	48	Thursday	
12	1	1	12	09:00	09:10	10	9	internet	.	at own home	inside	Yes	No	No	No	No	very much	woman	48	Thursday	
13	1	1	13	09:10	10:00	50	9.1	other leisure	.	at own home	inside	Yes	No	No	No	No	very much	woman	48	Thursday	
14	1	1	14	10:00	11:00	60	10	internet	.	at own home	inside	Yes	No	No	No	No	very much	woman	48	Thursday	
15	1	1	15	11:00	11:10	10	11	cooking	.	at own home	inside	No	No	Yes	No	No	very much	woman	48	Thursday	
16	1	1	16	11:10	11:30	20	11.1	other leisure	.	at own home	inside	No	No	Yes	No	No	5	woman	48	Thursday	
17	1	1	17	11:30	13:00	90	11.3	reading	.	at own home	inside	Yes	No	No	No	No	5	woman	48	Thursday	
18	1	1	18	13:00	14:00	60	13	eat & drink	TV or radio	at own home	inside	.	.	.	.	.	6	woman	48	Thursday	
19	1	1	19	14:00	15:00	60	14	travel	TV or radio	travelling	in vehicle	Yes	No	No	No	No	5	woman	48	Thursday	
20	1	1	20	15:00	16:00	60	15	shopping	.	at services or sh...	inside	Yes	No	No	No	No	5	woman	48	Thursday	
21	1	1	21	16:00	16:20	20	16	cleaning	cooking	at own home	inside	Yes	No	No	No	No	4	woman	48	Thursday	
22	1	1	22	16:20	17:00	40	16.2	cooking	internet	at own home	inside	Yes	No	No	No	No	4	woman	48	Thursday	
23	1	1	23	17:00	18:00	60	17	internet	TV or radio	at own home	inside	Yes	No	No	No	No	5	woman	48	Thursday	
24	1	1	24	18:00	18:50	50	18	eat & drink	TV or radio	at own home	inside	No	No	Yes	No	No	5	woman	48	Thursday	
25	1	1	25	18:50	20:00	70	18.5	TV or radio	.	at own home	inside	No	No	Yes	No	No	5	woman	48	Thursday	
26	1	1	26	20:00	20:50	50	20	cooking	.	at own home	inside	No	No	Yes	Yes	No	4	woman	48	Thursday	
27	1	1	27	20:50	21:00	10	20.5	other leisure	.	at own home	inside	.	.	.	.	.	6	woman	48	Thursday	
28	1	1	28	21:00	22:00	60	21	internet	.	at own home	inside	No	No	Yes	Yes	No	2	woman	48	Thursday	
29	1	1	29	22:00	23:40	100	22	other leisure	TV or radio	at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday	
30	1	1	30	23:40	01:00	80	23.4	internet	TV or radio	at own home	inside	No	No	Yes	Yes	No	2	woman	48	Thursday	
31	1	1	31	01:00	04:00	180	1	sleep	.	at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Thursday	
32	1	2	1	04:00	06:40	160	4	sleep	.	at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Sunday	
33	1	2	2	06:40	06:50	10	6.4	self-care	.	at own home	inside	No	No	Yes	Yes	No	6	woman	48	Sunday	
34	1	2	3	06:50	07:00	10	6.5	cooking	pet care	at own home	inside	No	No	Yes	Yes	No	6	woman	48	Sunday	
35	1	2	4	07:00	07:20	20	7	cleaning	.	at own home	inside	No	No	Yes	Yes	No	5	woman	48	Sunday	
36	1	2	5	07:20	08:00	40	7.2	eat & drink	TV or radio	at own home	inside	No	No	Yes	Yes	No	6	woman	48	Sunday	
37	1	2	6	08:00	08:20	20	8	cleaning	.	at own home	inside	No	No	Yes	Yes	No	5	woman	48	Sunday	
38	1	2	7	08:20	09:00	40	8.2	other leisure	TV or radio	at own home	inside	No	No	Yes	Yes	No	6	woman	48	Sunday	
39	1	2	8	09:00	09:20	20	9	pet care	.	at own home	inside	No	No	Yes	Yes	No	6	woman	48	Sunday	
40	1	2	9	09:20	10:00	40	9.2	cleaning	TV or radio	at own home	inside	No	No	Yes	Yes	No	6	woman	48	Sunday	
41	1	2	10	10:00	10:10	10	10	eat & drink	.	at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Sunday	
42	1	2	11	10:10	10:20	10	10.1	other leisure	.	at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Sunday	
43	1	2	12	10:20	10:40	20	10.2	cleaning	.	at own home	inside	No	No	Yes	Yes	No	5	woman	48	Sunday	
44	1	2	13	10:40	11:50	70	10.4	other leisure	.	at own home	inside	No	No	Yes	Yes	No	very much	woman	48	Sunday	
45	1	2	14	11:50	12:00	10	11.5	travel	.	travelling	in vehicle	No	Yes	Yes	Yes	No	very much	woman	48	Sunday	
46	1	2	15	12:00	13:10	70	12	shopping	.	at services or sh...	inside	No	No	Yes	Yes	No	6	woman	48	Sunday	
47	1	2	16	13:10	14:00	50	13.1	eat & drink	.	at restaurant, bar...	inside	.	.	.	.	.	6	woman	48	Sunday	
48	1	2	17	14:00	14:20	20	14	shopping	.	at services or sh...	inside	.	.	.	.	.	very much	woman	48	Sunday	
49	1	2	18	14:20	14:40	20	14.2	travel	.	travelling	in vehicle	.	.	.	.	.	very much	woman	48	Sunday	
50	1	2	19	14:40	15:10	30	14.4	cleaning	.	at own home	inside	.	.	.	.	.	very much	woman	48	Sunday	

After - ZOOMED IN

# *TIMEUSE* PACKAGE

**timeuse:** command to extract basic time use information for multiple activities from a file organised in episodes.

**timeusex:** command to extract detailed time use information for a single activity.

**sequence:** command to create episode files from calendar files.

**sequencex:** command to create episode files from other episode files.

**tocalendar:** command to transform episode files into calendar files

**epichecks:** command to detect errors in episode files.

**clocktomins:** command to convert episode start time from string to minute-of-the day.

**clocktomine:** command to convert episode end time from string to minute-of-the day.

**clocktominb:** command to convert episode start and end time from string to minute-of-the-day.

# timeuse.org/ timeusepackage

Written by Dr Juana Lamote de Grignon Pérez,  
'timeuse' stata commands are now available to  
help you with time use data management and  
cleaning.

*Keep an eye on our website, we are organising a  
webinar on the Stata 'timeuse' commands!*



You can download [here](#) the working paper, however, please note that we are currently preparing an updated version.

# THANK YOU!

Elena Mylona and Juana  
Lamote de Grignon Pérez

