

# Descriptives

Andriy Koval

Tuesday, June 24, 2014

## Contents

<b>Basic descriptives reports on selected NLSY97 items</b>	<b>1</b>
Basic demographics . . . . .	1
Distribution of age variables . . . . .	2

## Basic descriptives reports on selected NLSY97 items

### Basic demographics

After importing a clean dataset **dsL**

```
dsL<-readRDS("./Data/Derived/dsL.rds")
dplyr::summarize(dsL,N=n_distinct(id))
```

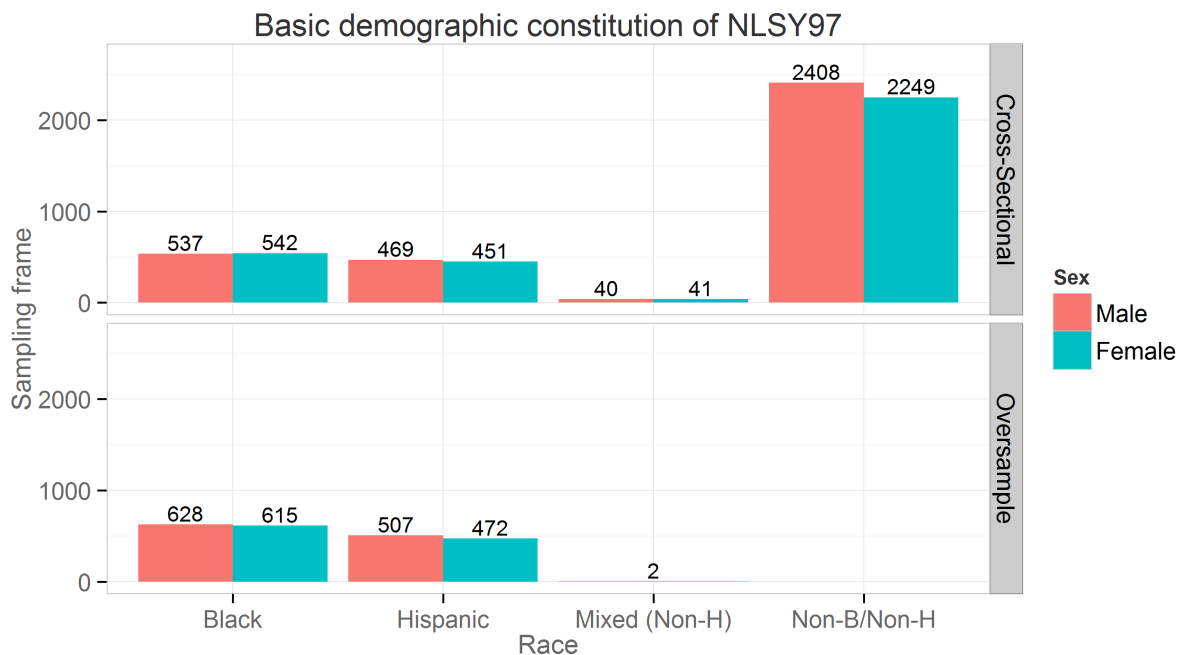
```
      N
1 8983
```

respondents. Of them one (id=467) was removed from the dataset due to aberrant age score that seemed as a coding mistake. NLSY97 contains representative household sample and the oversample of racial minorities.

```
ds<- dsL %>% dplyr::group_by(sampleF) %>% summarize (count=n_distinct(id))
ds
```

```
      count
1 8983
```

```
ymax not defined: adjusting position using y instead
ymax not defined: adjusting position using y instead
```



### Distribution of age variables

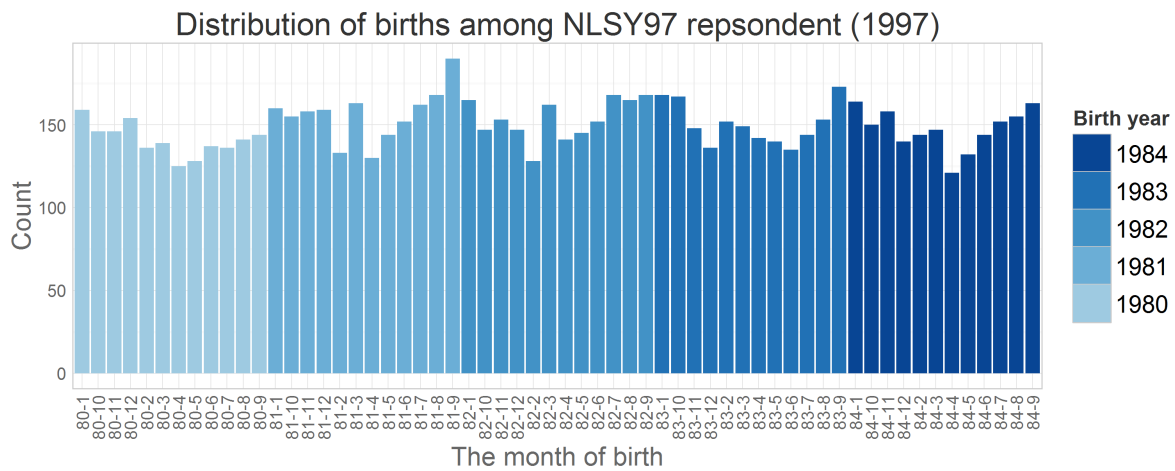
The age of respondents was of particular interest and was entered as a predictor of the model outcome. NSLY97 contains static and dynamic indicators of age. Variables byear and bmonth were recorded once in 1997 (static) and contain respondents' birth year and birth month respectively. Two age variables were recorded continuously at each interview (dynamic): age at the time of the interview in months (agemon) and in years (ageyear). Next graph shows how births in the NLSY97 sample (static age) was distributed over calendric months from 1980 to 1984:

### Months of births

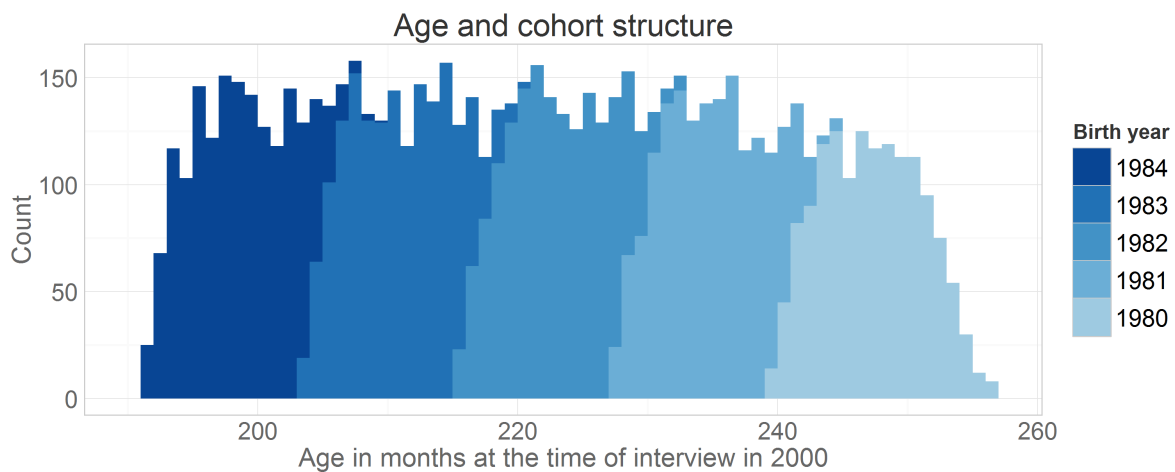
Source: local data frame [13 x 4]

Groups: bmonth

	bmonth	byearF	count	born
1	1	1980	159	80-1
2	2	1980	136	80-2
3	3	1980	139	80-3
4	4	1980	125	80-4
5	5	1980	128	80-5
6	6	1980	137	80-6
7	7	1980	136	80-7
8	8	1980	141	80-8
9	9	1980	144	80-9
10	10	1980	146	80-10
11	11	1980	146	80-11
12	12	1980	154	80-12
13	1	1981	160	81-1



#### Age and cohort structure



=== Read more in ./Models/Descriptives:

- + [Metrics](#) - how values of items are labeled + [Descriptives](#) - basic stats of various items
- + [Attendance](#) - focus on church attendance over time
- + [Databox](#)