MESA phenotypes
by Joyce Ling
Overview

- 5830 subjects
- Sex:
  - 2807:3023 (male:female)
  - 48% are male
  - 52% are female
Overview

● Age:
  ○ Max: 84
  ○ Min: 44
  ○ Median: 62
  ○ Mode: 65
  ○ Mean: 62.22
  ○ SD: 10.28
Cigarettes per day (former/current smokers)

- On average, about how many cigarettes a day do/did you smoke?
Binned Graphs (raw & adjusted)
Cigarettes per day (unbinned)

- Raw -> Adjusted
- Max: 444 -> 60
- Min: 0 -> 1
- Median: 12 -> 12
- Mode: 20 -> 20
- Mean: 16.40 -> 15.95
- SD: 17.92 -> 12.50
Unbinned Graphs (raw & adjusted)
Smoking Initiation (smoker vs. nonsmoker)

- Smokers: Current/Former/Never (computed)
  - Have you smoked 100 cigarettes in your lifetime?
  - Do you currently smoke (last 30 days)?
- Current and Former smokers both set to 2 (smoker), Never set to 1 (nonsmoker)
Smoking Initiation (smoker vs. nonsmoker)
Smoking Cessation (current vs. former)

- Current/Former/Never (computed)
- Current set to 2, Former set to 1, Never set to missing
Age of Initiation

- How old were you when you first started smoking cigarettes?
Age of Initiation (cont.) - raw

- Max: 60
- Min: 0
- Median: 17
- Mode: 18
- Mean: 18.19
- SD: 5.52
Age of Initiation (cont.) - adjusted

- Max: 35
- Min: 10
- Median: 17
- Mode: 18
- Mean: 17.98
- SD: 4.34
Drinks per week

- What is the usual number of drinks you have per week? (current)
Drinks per week (cont.) - raw

- Max: 64
- Min: 0
- Median: 1
- Mode: 0
- Mean: 3.89
- SD: 6.40
Drinker vs. Non-drinker

- Do you presently drink alcoholic beverages?
- All who answered yes coded as 2 (drinker); those who answered no coded as 1 (non-drinker)
Binge Drinking (in lifetime drinkers)

- In the past month what is the largest number of drinks you had in one day? (current drinkers)
- 5+ drinks was coded as 2 (binge drinking) and <5 drinks coded as 1 (non-binge-drinking)
Binge Drinking (binned)

- 1 = < 5 for males, <4 for females
  - 3053
- 2 = >= 5 for males, >=4 for females
  - 578
- Undefined:
  - 2199
Binge Drinking (cont.)

- Max: 25
- Min: 0
- Median: 2
- Mode: 1
- Mean: 2.43
- SD: 2.64