```
1 . do "/var/folders/99/qwl2z5d95r54qhcnggwcyxy00000gn/T//SD13139.000000"

2 . summarize smbm_tot
```

Variable	Obs	Mean	Std. dev.	Min	Max
smbm_tot	**1,027**	**42.23856**	**16.22066**	**14**	**97**

```
3 . mean smbm_tot

Mean estimation                         Number of obs = 1,027
```

	Mean	Std. err.	[95% conf.	interval]
smbm_tot	**42.23856**	**.5061546**	**41.24534**	**43.23178**

```
4 . tab s1
```

s1	Freq.	Percent	Cum.
1	**542**	**52.78**	**52.78**
2	**485**	**47.22**	**100.00**
Total	**1,027**	**100.00**	

```
5 . mean smbm_tot, over(s1)

Mean estimation                         Number of obs = 1,027
```

	Mean	Std. err.	[95% conf.	interval]
c.smbm_tot@s1				
1	**40.8321**	**.6733115**	**39.51088**	**42.15333**
2	**43.81031**	**.7576498**	**42.32359**	**45.29703**

```
6 . graph hbox smbm_tot

7 . graph hbox smbm_tot, over(s1)

8 . ttest smbm_tot, by(s1)

Two-sample t test with equal variances
```

Group	Obs	Mean	Std. err.	Std. dev.	[95% conf.	interval]
1	**542**	**40.8321**	**.6733115**	**15.67529**	**39.50948**	**42.15473**
2	**485**	**43.81031**	**.7576498**	**16.68551**	**42.32162**	**45.299**
Combined	**1,027**	**42.23856**	**.5061546**	**16.22066**	**41.24534**	**43.23178**
diff		**-2.978206**	**1.010092**		**-4.960291**	**-.9961214**

```
    diff = mean(1) - mean(2)                                      t =  -2.9485
H0: diff = 0                                     Degrees of freedom =     1025

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.0016         Pr(|T| > |t|) = 0.0033          Pr(T > t) = 0.9984

9 . tab q1
```

q1	Freq.	Percent	Cum.
1	**226**	**22.01**	**22.01**
2	**637**	**62.03**	**84.03**
3	**142**	**13.83**	**97.86**

4	**20**	**1.95**	**99.81**
5	**2**	**0.19**	**100.00**
Total	**1,027**	**100.00**	

10 . tab q4

q4	Freq.	Percent	Cum.
1	**270**	**26.29**	**26.29**
2	**597**	**58.13**	**84.42**
3	**126**	**12.27**	**96.69**
4	**21**	**2.04**	**98.73**
5	**13**	**1.27**	**100.00**
Total	**1,027**	**100.00**	

11 . tab q6

q6	Freq.	Percent	Cum.
1	**401**	**39.05**	**39.05**
2	**626**	**60.95**	**100.00**
Total	**1,027**	**100.00**	

12 . tabulate q1 q4, chi2

	q4					
q1	1	2	3	4	5	Total
1	**134**	**87**	**2**	**2**	**1**	**226**
2	**123**	**436**	**63**	**7**	**8**	**637**
3	**10**	**67**	**54**	**7**	**4**	**142**
4	**2**	**6**	**7**	**5**	**0**	**20**
5	**1**	**1**	**0**	**0**	**0**	**2**
Total	**270**	**597**	**126**	**21**	**13**	**1,027**

Pearson chi2(**16**) = **338.3116** Pr = **0.000**

13 . tabulate q1 q6, chi2

	q6	
q1	1	2	Total
1	**53**	**173**	**226**
2	**227**	**410**	**637**
3	**102**	**40**	**142**
4	**18**	**2**	**20**
5	**1**	**1**	**2**
Total	**401**	**626**	**1,027**

Pearson chi2(**4**) = **112.2542** Pr = **0.000**

14 . tab agecat

agecat	Freq.	Percent	Cum.
2	**250**	**24.34**	**24.34**
3	**264**	**25.71**	**50.05**
4	**161**	**15.68**	**65.73**
5	**352**	**34.27**	**100.00**
Total	**1,027**	**100.00**	

15 . mean smbm_tot, over(agecat)

Mean estimation Number of obs = **1,027**

	Mean	Std. err.	[95% conf.	interval]
c.smbm_tot@agecat				
2	**44.772**	**1.014561**	**42.78115**	**46.76285**
3	**44.76136**	**.9827845**	**42.83287**	**46.68986**
4	**42.27329**	**1.188682**	**39.94077**	**44.60582**
5	**38.53125**	**.8735982**	**36.81701**	**40.24549**

16 . anova smbm_tot agecat

Number of obs = **1,027** R-squared = **0.0301**
Root MSE = **15.9982** Adj R-squared = **0.0272**

Source	Partial SS	df	MS	F	Prob>F
Model	**8122.9518**	**3**	**2707.6506**	**10.58**	**0.0000**
agecat	**8122.9518**	**3**	**2707.6506**	**10.58**	**0.0000**
Residual	**261827.6**	**1,023**	**255.94096**		
Total	**269950.55**	**1,026**	**263.1097**		

17 . estat esize

Effect sizes for linear models

Source	Eta-squared	df	[95% conf.	interval]
Model	**.0300905**	**3**	**.0113226**	**.0513147**
agecat	**.0300905**	**3**	**.0113226**	**.0513147**

18 . pwcompare agecat, effects mcompare(tukey)

Pairwise comparisons of marginal linear predictions

Margins: **asbalanced**

	Number of comparisons
agecat	**6**

	Contrast	Std. err.	Tukey t	Tukey P>|t|	Tukey [95% conf.	interval]
agecat						
3 vs 2	**-.0106364**	**1.411821**	**-0.01**	**1.000**	**-3.643616**	**3.622343**
4 vs 2	**-2.498708**	**1.61662**	**-1.55**	**0.411**	**-6.658689**	**1.661273**
5 vs 2	**-6.24075**	**1.323204**	**-4.72**	**0.000**	**-9.645696**	**-2.835804**
4 vs 3	**-2.488072**	**1.59974**	**-1.56**	**0.405**	**-6.604617**	**1.628474**
5 vs 3	**-6.230114**	**1.302528**	**-4.78**	**0.000**	**-9.581855**	**-2.878373**
5 vs 4	**-3.742042**	**1.522104**	**-2.46**	**0.067**	**-7.658809**	**.1747256**

19 . pwcorr s2 smbm_tot, sig star(5)

	s2	smbm_tot
s2	**1.0000**	

smbm_tot	**-0.1751* 1.0000** **0.0000**

20 . regress smbm_tot s2

Source	SS	df	MS	Number of obs	=	**1,027**
				F(1, 1025)	=	**32.43**
Model	**8280.0284**	**1**	**8280.0284**	Prob > F	=	**0.0000**
Residual	**261670.525**	**1,025**	**255.288317**	R-squared	=	**0.0307**
				Adj R-squared	=	**0.0297**
Total	**269950.553**	**1,026**	**263.109701**	Root MSE	=	**15.978**

smbm_tot	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
s2	**-.26483**	**.0465015**	**-5.70**	**0.000**	**-.356079**	**-.173581**
_cons	**53.95426**	**2.116714**	**25.49**	**0.000**	**49.80067**	**58.10784**

21 . sum s2 d7 q18

Variable	Obs	Mean	Std. dev.	Min	Max
s2	**1,027**	**44.23856**	**10.72692**	**25**	**65**
d7	**1,027**	**6.298929**	**3.480554**	**1**	**13**
q18	**1,027**	**1.754625**	**1.864871**	**0**	**7**

22 . regress smbm_tot s2 d7 q18

Source	SS	df	MS	Number of obs	=	**1,027**
				F(3, 1023)	=	**17.30**
Model	**13032.718**	**3**	**4344.23932**	Prob > F	=	**0.0000**
Residual	**256917.835**	**1,023**	**251.141579**	R-squared	=	**0.0483**
				Adj R-squared	=	**0.0455**
Total	**269950.553**	**1,026**	**263.109701**	Root MSE	=	**15.847**

smbm_tot	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
s2	**-.2507806**	**.0469882**	**-5.34**	**0.000**	**-.3429848**	**-.1585764**
d7	**-.1189269**	**.1448223**	**-0.82**	**0.412**	**-.4031097**	**.1652559**
q18	**-1.127528**	**.2655755**	**-4.25**	**0.000**	**-1.648663**	**-.6063935**
_cons	**56.06023**	**2.195793**	**25.53**	**0.000**	**51.75146**	**60.369**

23 . regress, beta

Source	SS	df	MS	Number of obs	=	**1,027**
				F(3, 1023)	=	**17.30**
Model	**13032.718**	**3**	**4344.23932**	Prob > F	=	**0.0000**
Residual	**256917.835**	**1,023**	**251.141579**	R-squared	=	**0.0483**
				Adj R-squared	=	**0.0455**
Total	**269950.553**	**1,026**	**263.109701**	Root MSE	=	**15.847**

smbm_tot	Coefficient	Std. err.	t	P>|t|	Beta
s2	**-.2507806**	**.0469882**	**-5.34**	**0.000**	**-.1658443**
d7	**-.1189269**	**.1448223**	**-0.82**	**0.412**	**-.0255188**
q18	**-1.127528**	**.2655755**	**-4.25**	**0.000**	**-.1296307**
_cons	**56.06023**	**2.195793**	**25.53**	**0.000**	**.**

24 .
end of do-file

25 .