Pulmonary function study Partial listing of fev data

Obs	age	fev	ht	sex	smoke
1	9	1.708	57.0	Female	Nonsmoke
2	8	1.724	67.5	Female	Nonsmoke
3	7	1.720	54.5	Female	Nonsmoke
4	9	1.558	53.0	Male	Nonsmoke
5	9	1.895	57.0	Male	Nonsmoke
6	8	2.336	61.0	Female	Nonsmoke
7	6	1.919	58.0	Female	Nonsmoke
8	6	1.415	56.0	Female	Nonsmoke
9	8	1.987	58.5	Female	Nonsmoke
10	9	1.942	60.0	Female	Nonsmoke

Pulmonary function study Frequency counts

The FREQ Procedure

Sex						
sex	Frequency	Percent	Cumulative Frequency	Cumulative Percent		
Female	318	48.62	318	48.62		
Male	336	51.38	654	100.00		

Smoking status						
smoke	Frequency	Percent	Cumulative Frequency	Cumulative Percent		
Nonsmoker	589	90.06	589	90.06		
Smoker	65	9.94	654	100.00		

Pulmonary function study Descriptive statistics

The MEANS Procedure

Variable	Label	N	N Miss	Mean	Std Dev	Minimum	Maximum
age fev	Age in years Forced Expiratory Volume (liters)	654 654	0	9.9311927 2.6367798	2.9539352 0.8670591	3.0000000 0.7910000	19.0000000 5.7930000
ht	Height in inches	654	0	61.1435780	5.7035128	46.0000000	74.0000000

Pulmonary function study Correlations

The CORR Procedure

3 Variables: age fev ht

Pearson Correlation Coefficients, N = 654				
	age	fev	ht	
age Age in years	1.00000	0.75646	0.79194	
fev Forced Expiratory Volume (liters)	0.75646	1.00000	0.86814	
ht Height in inches	0.79194	0.86814	1.00000	

Pulmonary function study Descriptive statistics by group

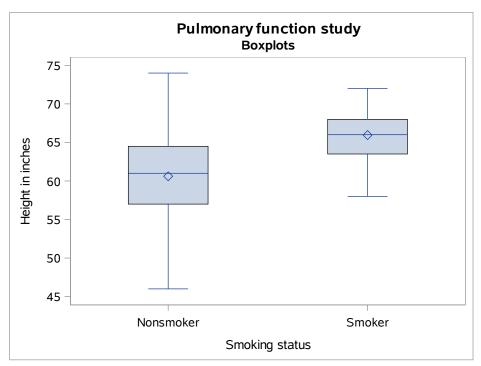
The MEANS Procedure

Smoking status=Nonsmoker

Ar	Analysis Variable : fev Forced Expiratory Volume (liters)							
N	Mean	Std Dev	Minimum	Maximum				
589	2.5661426	0.8505215	0.7910000	5.7930000				

Smoking status=Smoker

Analysis Variable : fev Forced Expiratory Volume (liters)							
N	Mean	Std Dev	Minimum	Maximum			
65	3.2768615	0.7499863	1.6940000	4.8720000			



Pulmonary function study Descriptive statistics by group

The MEANS Procedure

Smoking status=Nonsmoker

Analysis Variable : ht Height in inches							
N	Mean	Std Dev	Minimum	Maximum			
589	60.6127334	5.6724322	46.0000000	74.0000000			

Smoking status=Smoker

	Analysis Variable : ht Height in inches								
N	Mean	Std Dev	Minimum	Maximum					
65	65.9538462	3.1926711	58.0000000	72.0000000					