

The UNIVARIATE Procedure
Variable: weight
sex = female

Basic Statistical Measures			
Location		Variability	
Mean	168.2295	Std Deviation	47.69990
Median	158.6200	Variance	2275
Mode	133.9800	Range	372.46000
		Interquartile Range	58.30000

Note: The mode displayed is the smallest of 2 modes with a count of 12.

Quantiles (Definition 5)	
Level	Quantile
100% Max	443.52
99%	321.42
95%	258.94
90%	232.32
75% Q3	192.94
50% Median	158.62
25% Q1	134.64
10%	116.38
5%	107.80
1%	95.92
0% Min	71.06

Extreme Values					
Lowest			Highest		
Order	Value	Freq	Order	Value	Freq
1	71.06	1	820	396.22	1
2	78.32	1	821	405.90	1
3	80.30	1	822	406.56	1
4	82.72	1	823	421.52	1
5	84.04	1	824	443.52	1

The UNIVARIATE Procedure
Variable: weight
sex = male

Basic Statistical Measures			
Location		Variability	
Mean	191.2143	Std Deviation	46.80132
Median	183.2600	Variance	2190
Mode	143.6600	Range	417.56000
		Interquartile Range	54.12000

Note: The mode displayed is the smallest of 7 modes with a count of 11.

Quantiles (Definition 5)	
Level	Quantile
100% Max	489.72
99%	353.98
95%	277.20
90%	248.82
75% Q3	213.40
50% Median	183.26
25% Q1	159.28
10%	142.34
5%	131.78
1%	113.74
0% Min	72.16

Extreme Values					
Lowest			Highest		
Order	Value	Freq	Order	Value	Freq
1	72.16	1	763	413.16	1
2	88.88	1	764	425.92	1
3	96.36	1	765	429.88	1
4	100.98	1	766	455.84	1
5	101.42	1	767	489.72	1

The MEANS Procedure

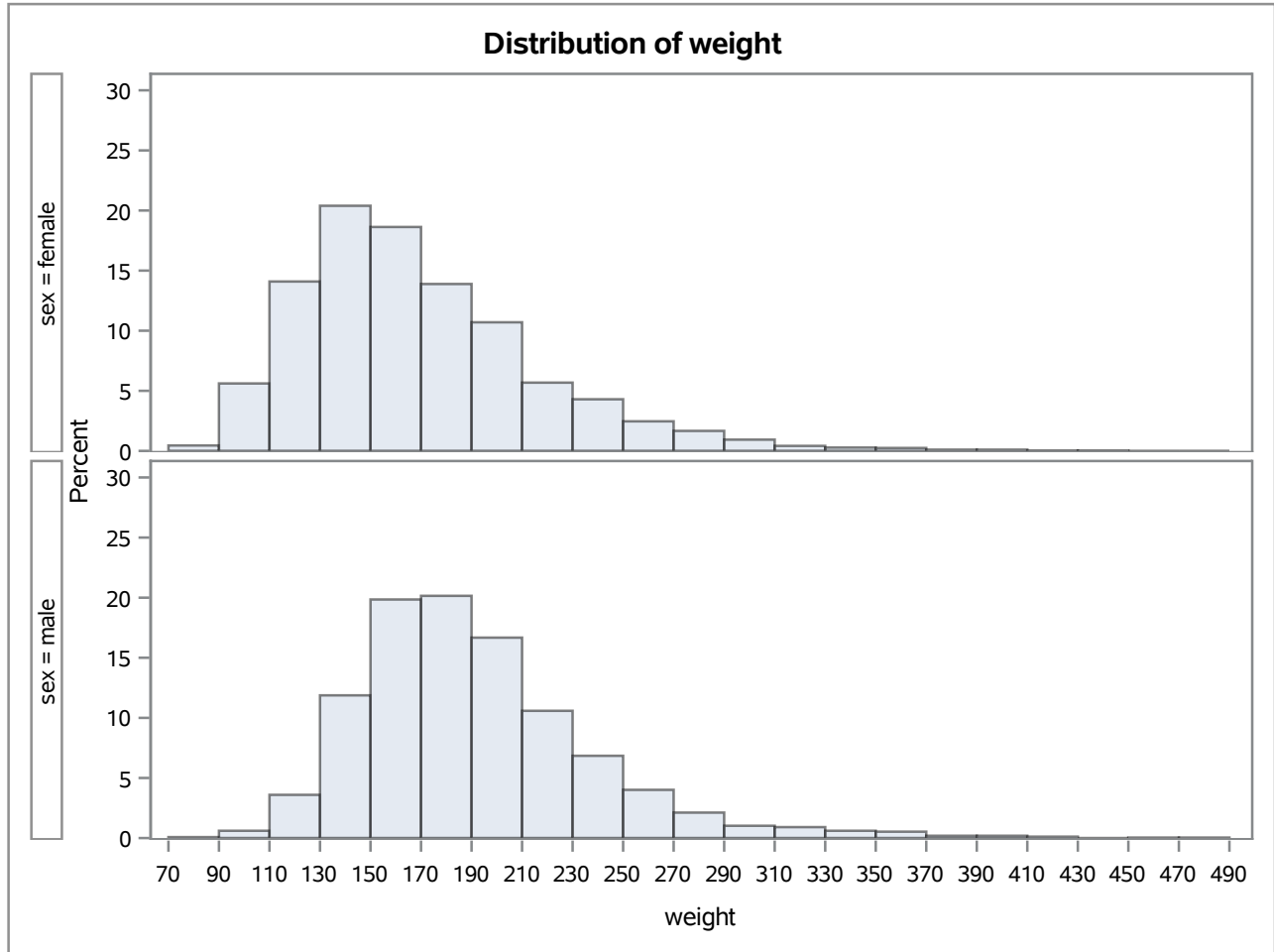
Analysis Variable : weight											
sex	N Obs	N	Minimum	Lower Quartile	Median	Upper Quartile	Maximum	Range	Quartile Range	Mean	Std Dev
female	2919	2888	71.0600	134.6400	158.6200	192.9400	443.5200	372.4600	58.3000	168.2295	47.6999
male	2669	2645	72.1600	159.2800	183.2600	213.4000	489.7200	417.5600	54.1200	191.2143	46.8013

The MEANS Procedure

Analysis Variable : weight													
sex	N Obs	1st Pctl	5th Pctl	10th Pctl	20th Pctl	30th Pctl	40th Pctl	50th Pctl	60th Pctl	70th Pctl	80th Pctl	90th Pctl	95th Pctl
female	2919	95.9200	107.8000	116.3800	129.5800	139.4800	149.3800	158.6200	170.7200	184.5800	202.6200	232.3200	258.9400
male	2669	113.7400	131.7800	142.3400	154.1100	163.9000	173.5800	183.2600	194.7000	205.7000	222.4200	248.8200	277.2000

Analysis Variable : weight		
sex	N Obs	99th Pctl
female	2919	321.4200
male	2669	353.9800

The UNIVARIATE Procedure



NHANES: weight distributions by sex histograms and relative frequency distributions

sex=female

Obs	binstart	frequency	percentage
1	70	13	0.4501
2	90	162	5.6094
3	110	407	14.0928
4	130	589	20.3947
5	150	538	18.6288
6	170	401	13.8850
7	190	309	10.6994
8	210	164	5.6787
9	230	124	4.2936
10	250	71	2.4584
11	270	48	1.6620
12	290	27	0.9349
13	310	12	0.4155
14	330	8	0.2770
15	350	7	0.2424
16	370	3	0.1039
17	390	3	0.1039
18	410	1	0.0346
19	430	1	0.0346

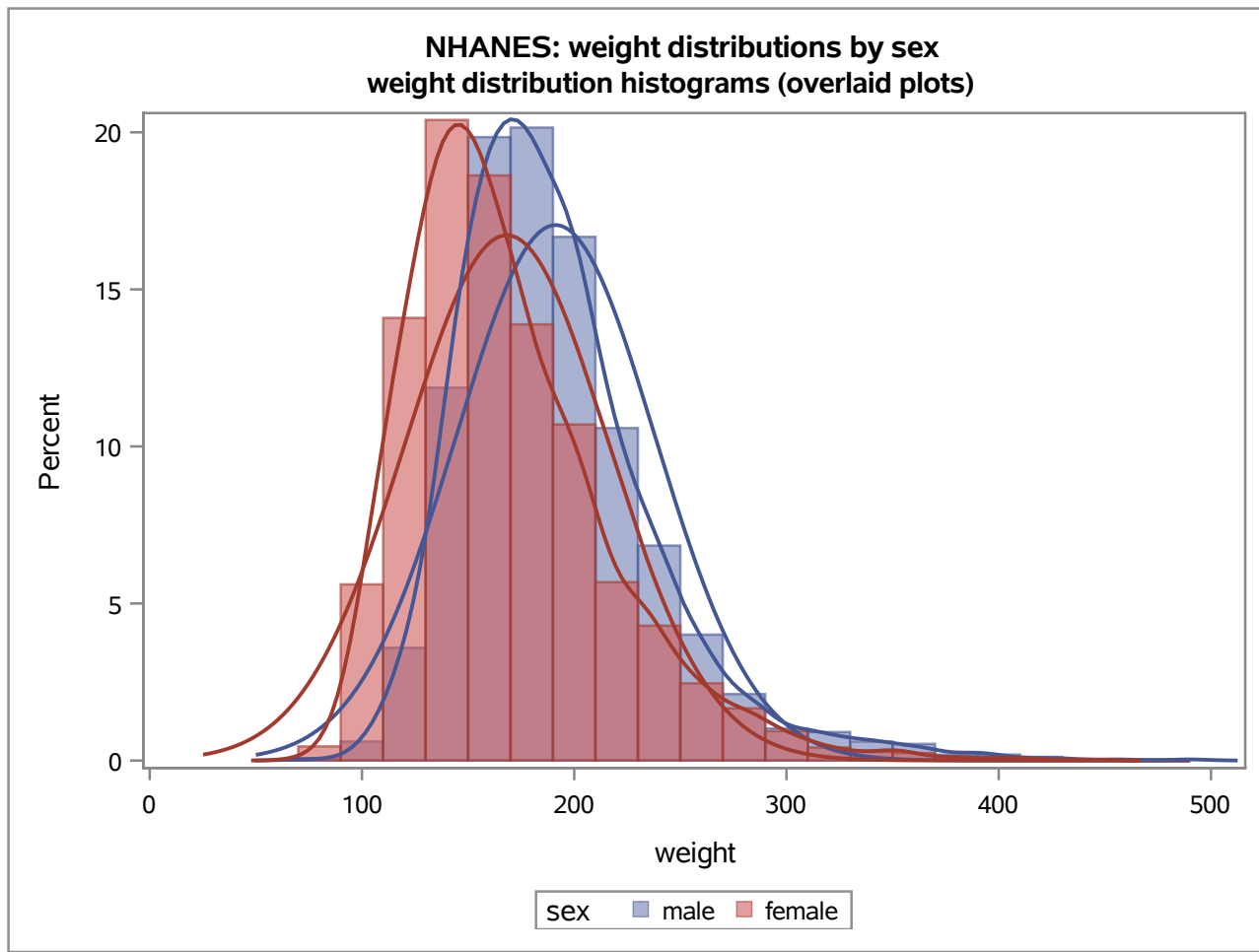
sex=male

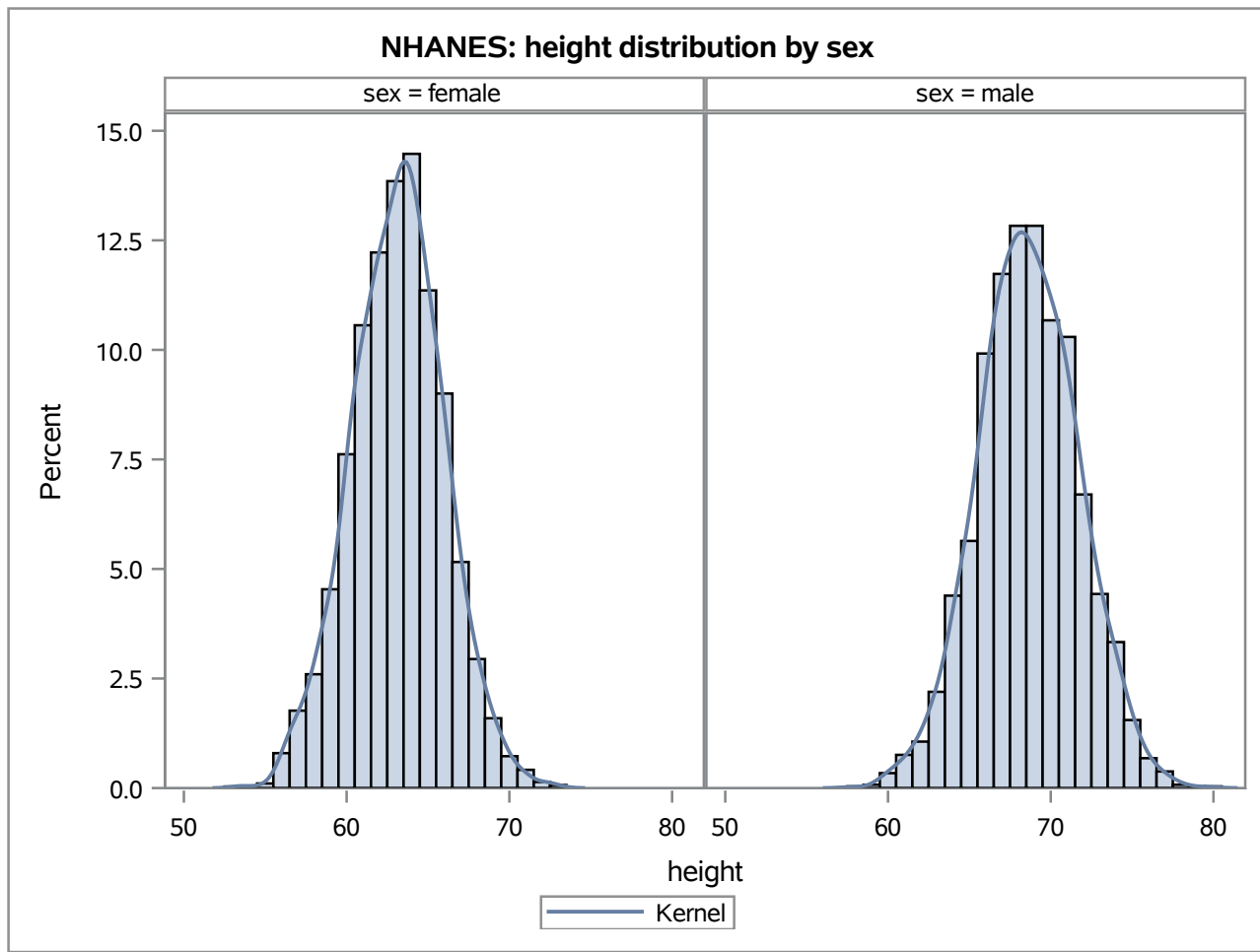
Obs	binstart	frequency	percentage
20	70	2	0.0756
21	90	16	0.6049
22	110	95	3.5917
23	130	314	11.8715
24	150	525	19.8488
25	170	533	20.1512
26	190	441	16.6730
27	210	280	10.5860
28	230	181	6.8431
29	250	106	4.0076
30	270	56	2.1172
31	290	27	1.0208
32	310	24	0.9074
33	330	16	0.6049

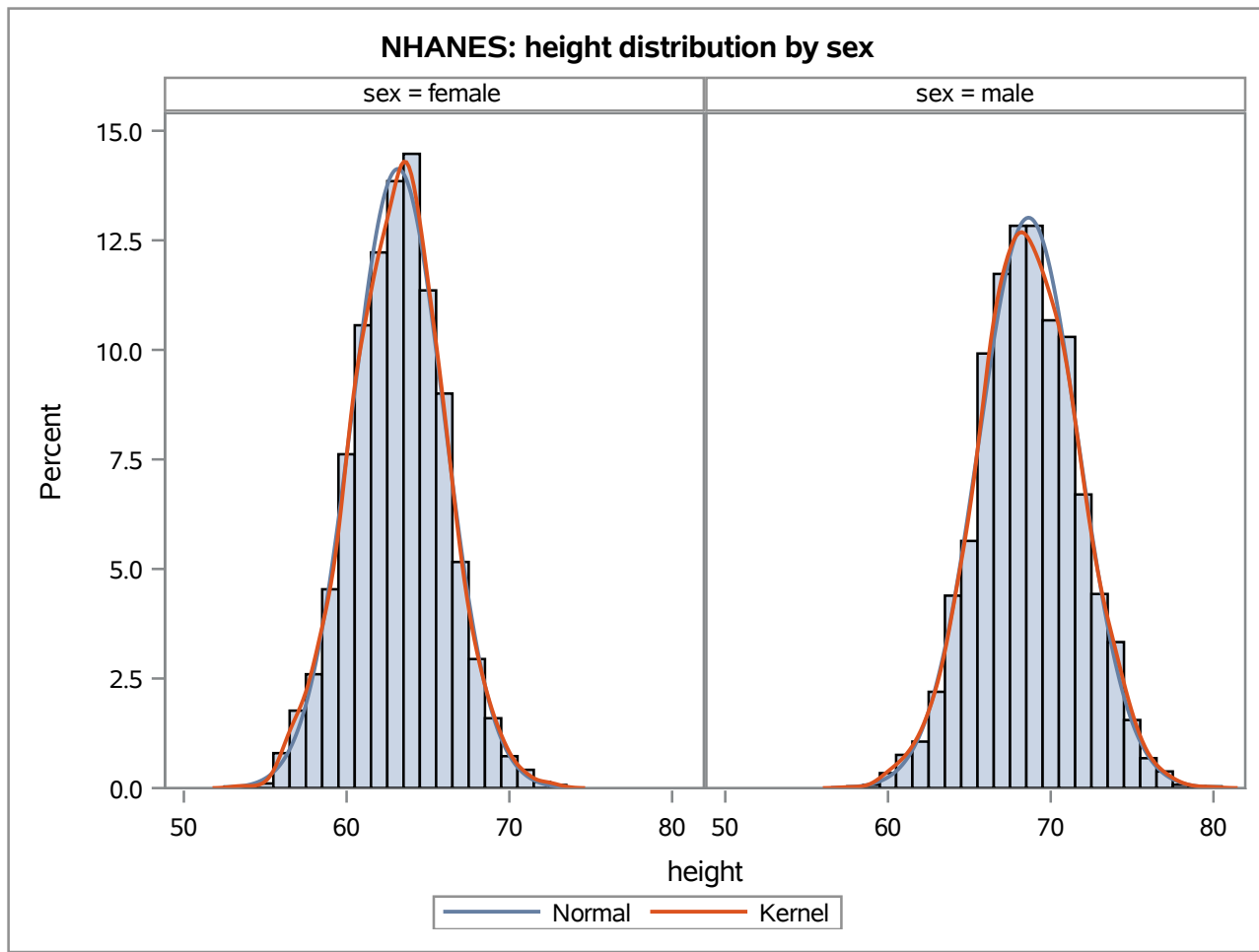
NHANES: weight distributions by sex histograms and relative frequency distributions

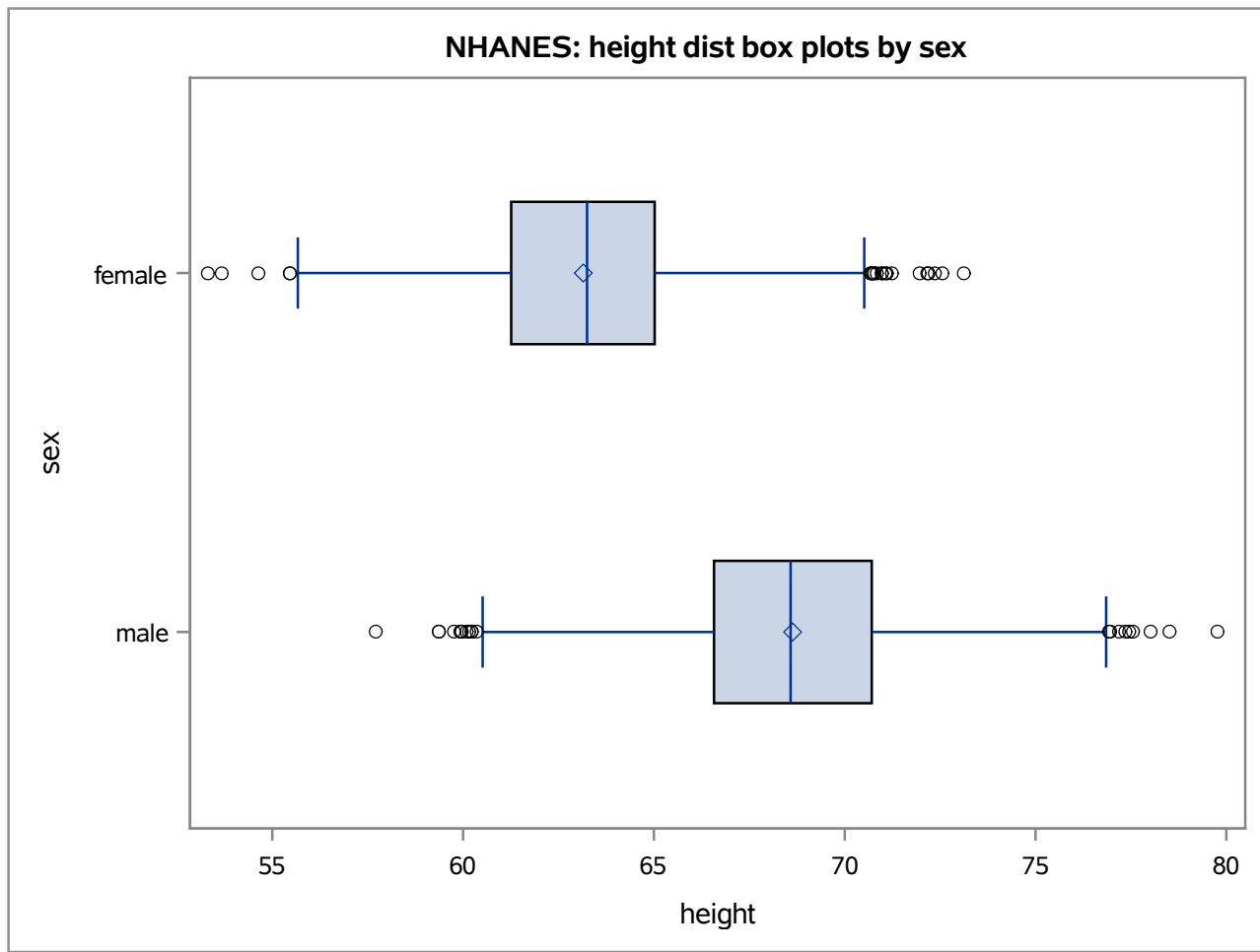
sex=male

Obs	binstart	frequency	percentage
34	350	14	0.5293
35	370	5	0.1890
36	390	5	0.1890
37	410	3	0.1134
38	430	0	0.0000
39	450	1	0.0378
40	470	1	0.0378









The UNIVARIATE Procedure
Variable: height
sex = female

Basic Statistical Measures			
Location		Variability	
Mean	63.14974	Std Deviation	2.82340
Median	63.24803	Variance	7.97159
Mode	63.89764	Range	19.80315
		Interquartile Range	3.75984

Quantiles (Definition 5)	
Level	Quantile
100% Max	73.1102
99%	69.8031
95%	67.7559
90%	66.6929
75% Q3	65.0197
50% Median	63.2480
25% Q1	61.2598
10%	59.5669
5%	58.3465
1%	56.5354
0% Min	53.3071

Extreme Values					
Lowest			Highest		
Order	Value	Freq	Order	Value	Freq
1	53.3071	1	368	72.1654	1
2	53.6614	1	369	72.2047	1
3	54.6457	1	370	72.3622	1
4	55.4724	2	371	72.5591	1
5	55.6693	1	372	73.1102	1

The UNIVARIATE Procedure
Variable: height
sex = male

Basic Statistical Measures			
Location		Variability	
Mean	68.63490	Std Deviation	3.06486
Median	68.58268	Variance	9.39338
Mode	68.30709	Range	22.04724
		Interquartile Range	4.13386

Quantiles (Definition 5)	
Level	Quantile
100% Max	79.7638
99%	75.6693
95%	73.7795
90%	72.5984
75% Q3	70.7087
50% Median	68.5827
25% Q1	66.5748
10%	64.7244
5%	63.7008
1%	61.3780
0% Min	57.7165

Extreme Values					
Lowest			Highest		
Order	Value	Freq	Order	Value	Freq
1	57.7165	1	394	77.4409	1
2	59.3701	2	395	77.5591	1
3	59.7638	1	396	78.0315	1
4	59.9213	1	397	78.5039	1
5	59.9606	2	398	79.7638	1

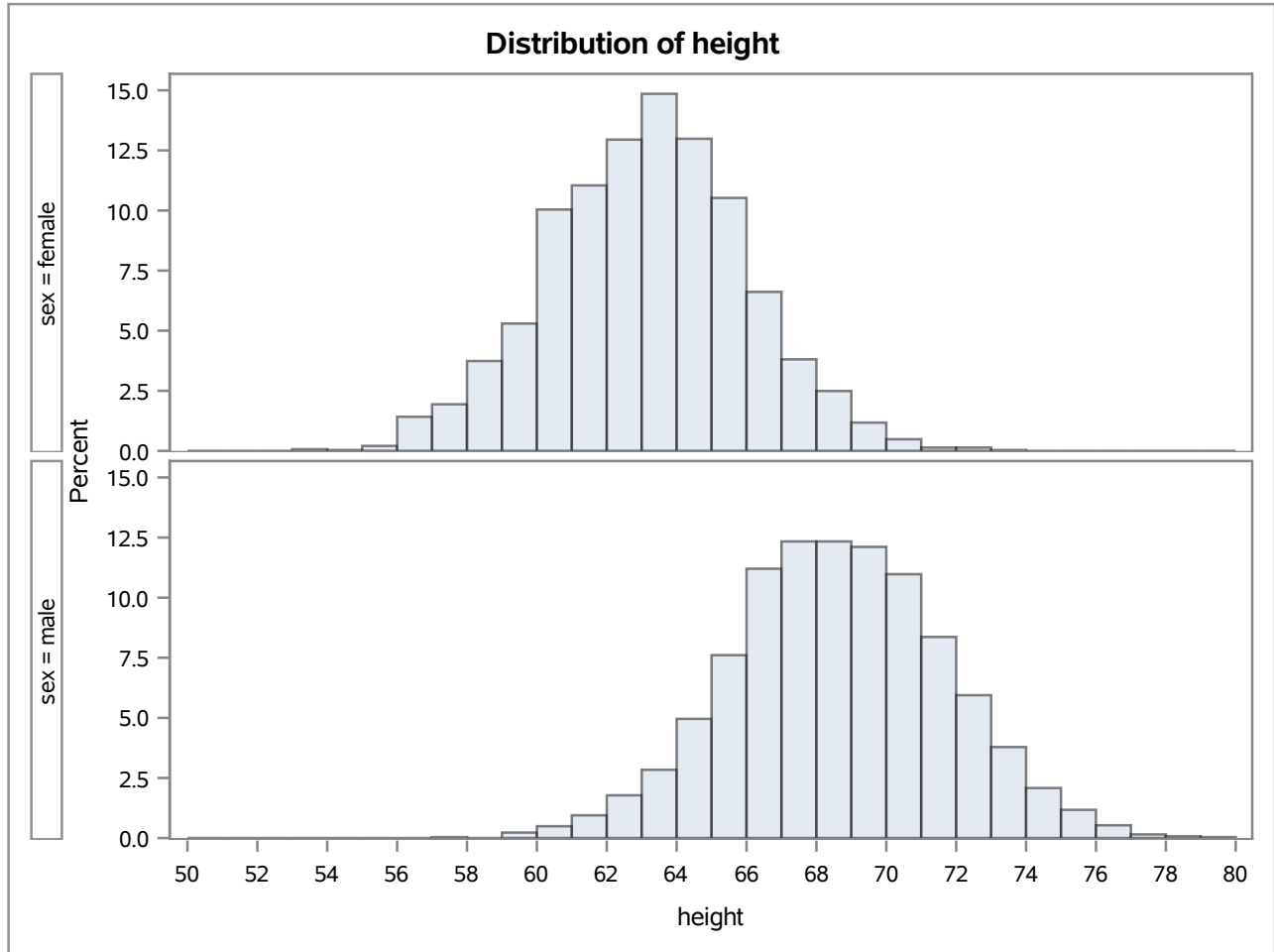
The MEANS Procedure

Analysis Variable : height											
sex	N Obs	N	Minimum	Lower Quartile	Median	Upper Quartile	Maximum	Range	Quartile Range	Mean	Std Dev
female	2919	2888	53.3071	61.2598	63.2480	65.0197	73.1102	19.8031	3.7598	63.1497	2.8234
male	2669	2642	57.7165	66.5748	68.5827	70.7087	79.7638	22.0472	4.1339	68.6349	3.0649

The MEANS Procedure

Analysis Variable : height														
sex	N Obs	1st Pctl	5th Pctl	10th Pctl	20th Pctl	30th Pctl	40th Pctl	50th Pctl	60th Pctl	70th Pctl	80th Pctl	90th Pctl	95th Pctl	99th Pctl
female	2919	56.5354	58.3465	59.5669	60.7480	61.6929	62.4803	63.2480	63.8976	64.6457	65.5118	66.6929	67.7559	69.8031
male	2669	61.3780	63.7008	64.7244	66.1024	66.9685	67.8346	68.5827	69.3701	70.2756	71.2205	72.5984	73.7795	75.6693

The UNIVARIATE Procedure



NHANES: height distributions by sex histograms and relative frequency distributions

sex=female

Obs	binstart	frequency	percentage
1	53	2	0.0693
2	54	1	0.0346
3	55	6	0.2078
4	56	41	1.4197
5	57	56	1.9391
6	58	108	3.7396
7	59	153	5.2978
8	60	290	10.0416
9	61	319	11.0457
10	62	374	12.9501
11	63	429	14.8546
12	64	375	12.9848
13	65	304	10.5263
14	66	191	6.6136
15	67	110	3.8089
16	68	72	2.4931
17	69	34	1.1773
18	70	14	0.4848
19	71	4	0.1385
20	72	4	0.1385
21	73	1	0.0346

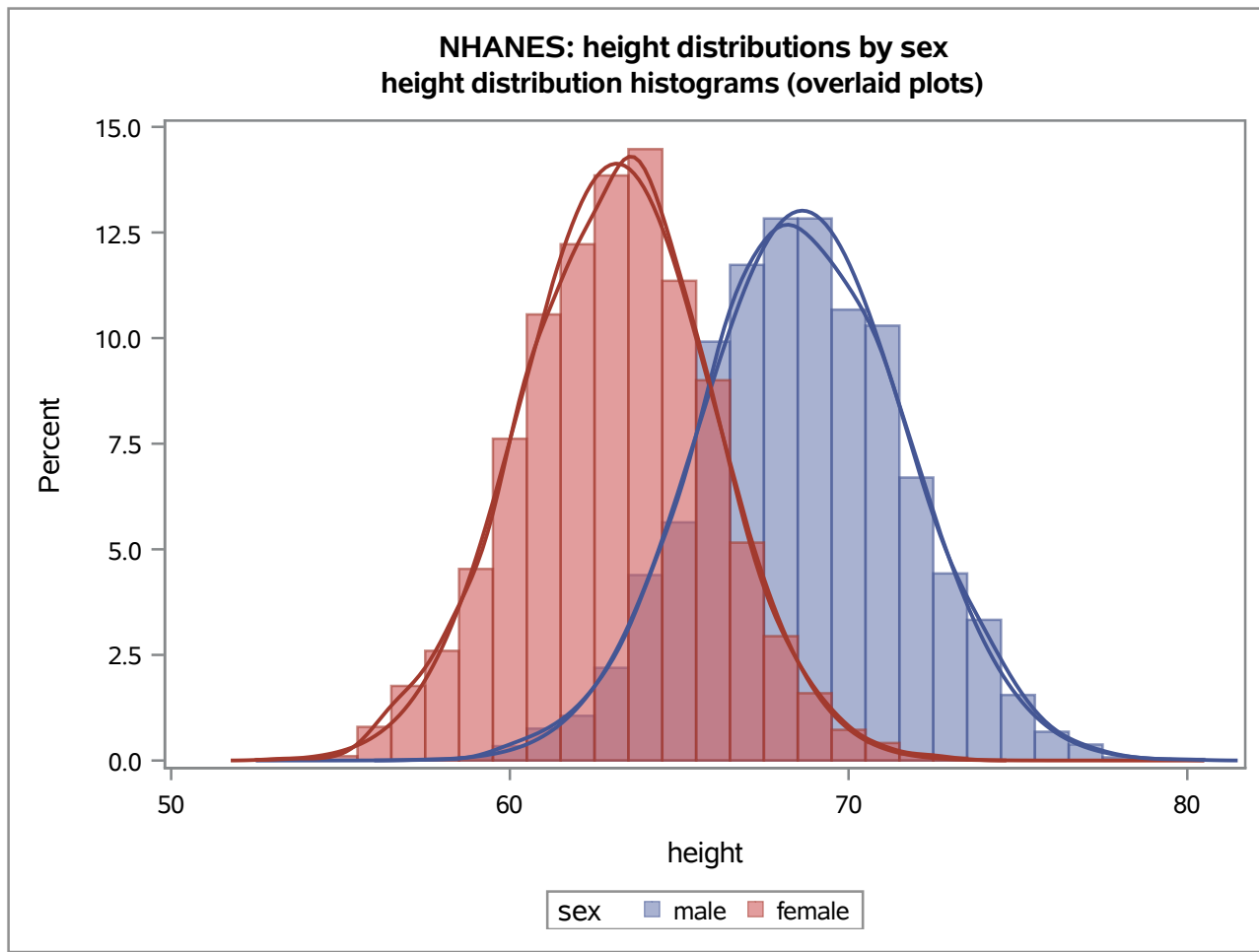
sex=male

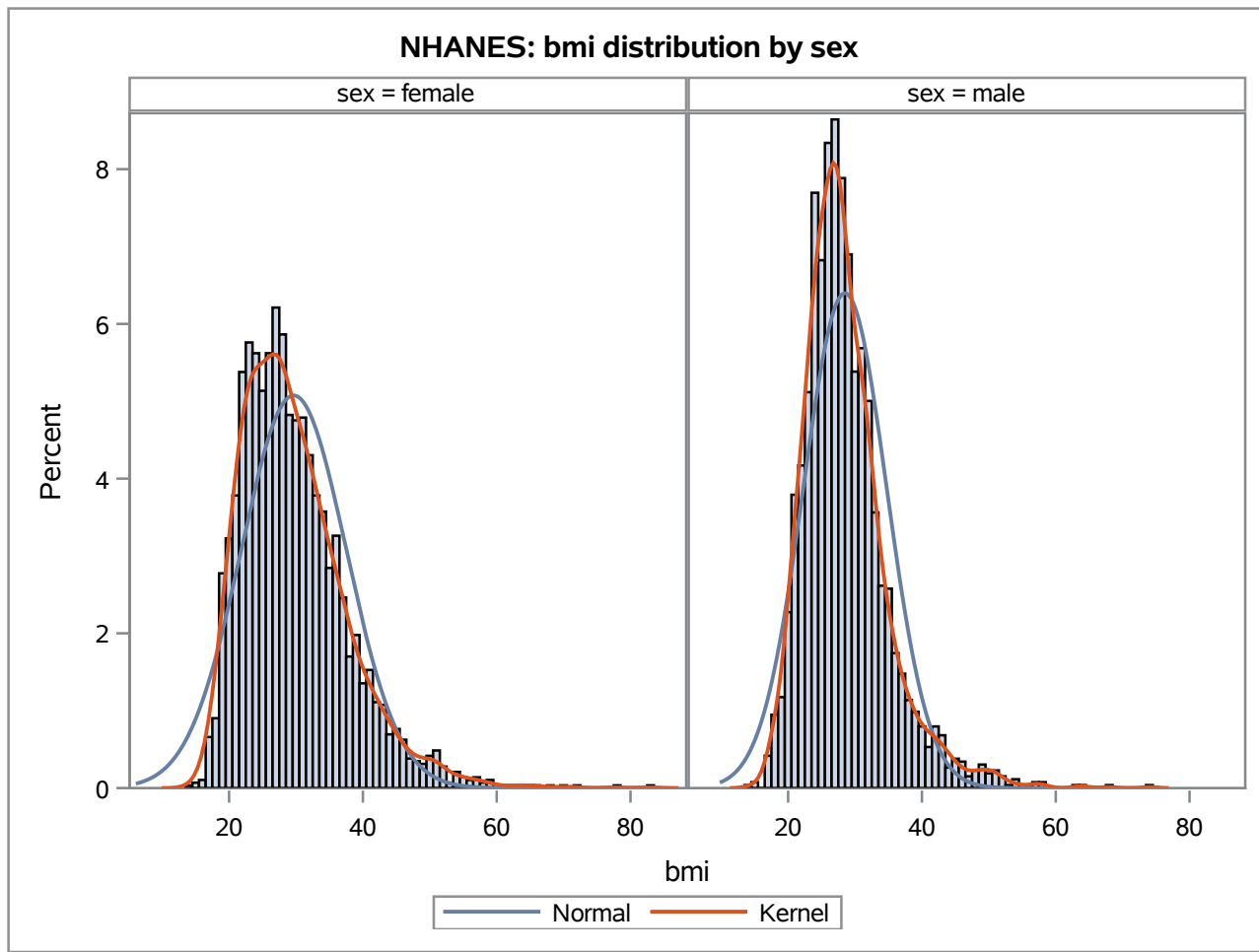
Obs	binstart	frequency	percentage
22	57	1	0.0379
23	58	0	0.0000
24	59	6	0.2271
25	60	13	0.4921
26	61	25	0.9463
27	62	47	1.7790
28	63	75	2.8388
29	64	131	4.9584
30	65	201	7.6079
31	66	296	11.2036
32	67	326	12.3391
33	68	326	12.3391

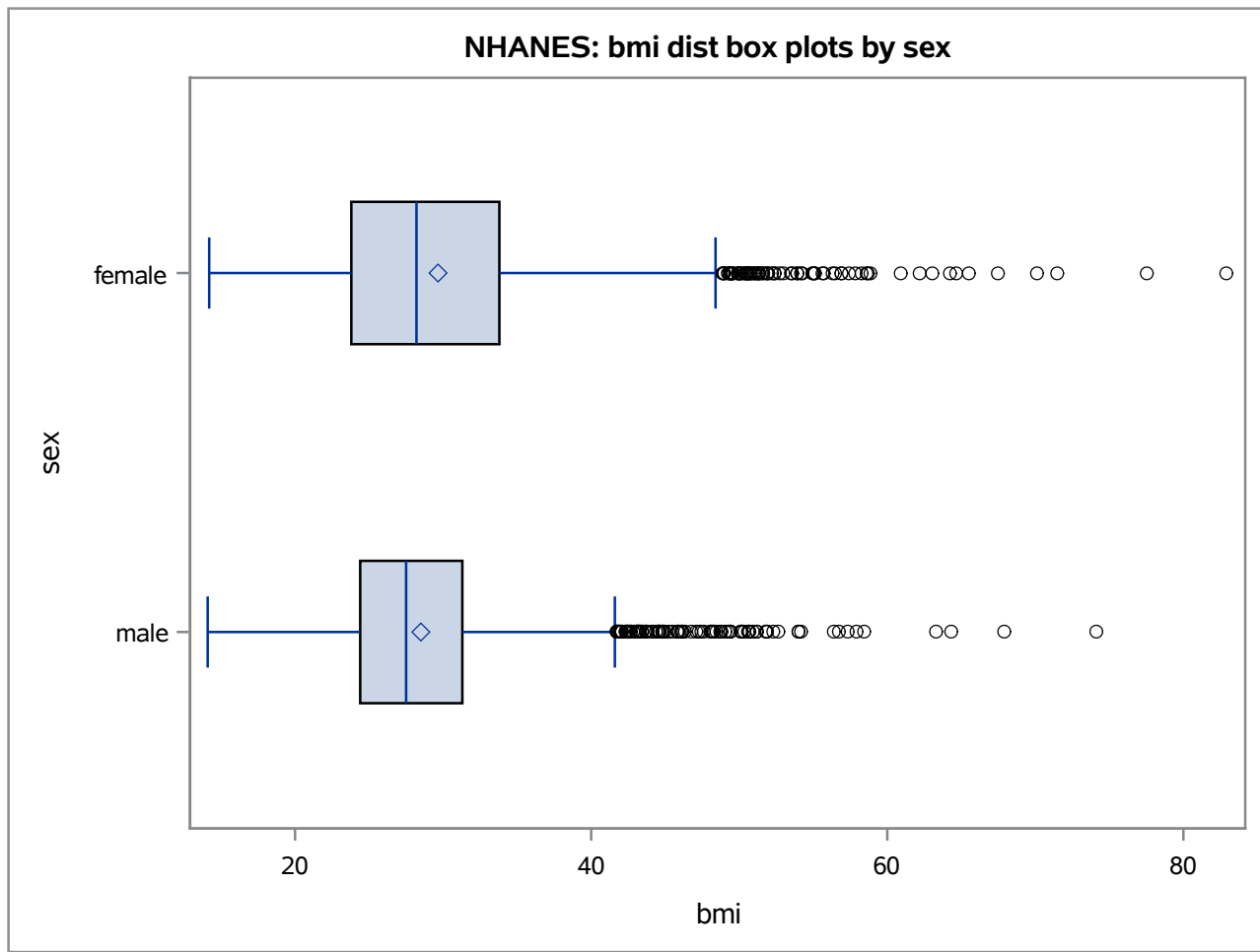
NHANES: height distributions by sex histograms and relative frequency distributions

sex=male

Obs	binstart	frequency	percentage
34	69	320	12.1120
35	70	290	10.9765
36	71	221	8.3649
37	72	157	5.9425
38	73	100	3.7850
39	74	55	2.0818
40	75	31	1.1734
41	76	14	0.5299
42	77	4	0.1514
43	78	2	0.0757
44	79	1	0.0379







The UNIVARIATE Procedure
 Variable: bmi
 sex = female

Basic Statistical Measures			
Location		Variability	
Mean	29.65621	Std Deviation	7.86050
Median	28.20000	Variance	61.78746
Mode	27.30000	Range	68.70000
		Interquartile Range	10.00000

Quantiles (Definition 5)	
Level	Quantile
100% Max	82.9
99%	54.2
95%	44.1
90%	39.8
75% Q3	33.8
50% Median	28.2
25% Q1	23.8
10%	21.1
5%	19.6
1%	17.6
0% Min	14.2

Extreme Values					
Lowest			Highest		
Order	Value	Freq	Order	Value	Freq
1	14.2	1	365	67.5	1
2	15.2	1	366	70.1	1
3	15.4	1	367	71.5	1
4	16.1	1	368	77.5	1
5	16.3	2	369	82.9	1

The UNIVARIATE Procedure
Variable: bmi
sex = male

Basic Statistical Measures			
Location		Variability	
Mean	28.49810	Std Deviation	6.23648
Median	27.50000	Variance	38.89369
Mode	23.90000	Range	60.00000
		Interquartile Range	6.90000

Note: The mode displayed is the smallest of 2 modes with a count of 30.

Quantiles (Definition 5)	
Level	Quantile
100% Max	74.1
99%	50.2
95%	40.2
90%	35.9
75% Q3	31.3
50% Median	27.5
25% Q1	24.4
10%	21.8
5%	20.5
1%	17.9
0% Min	14.1

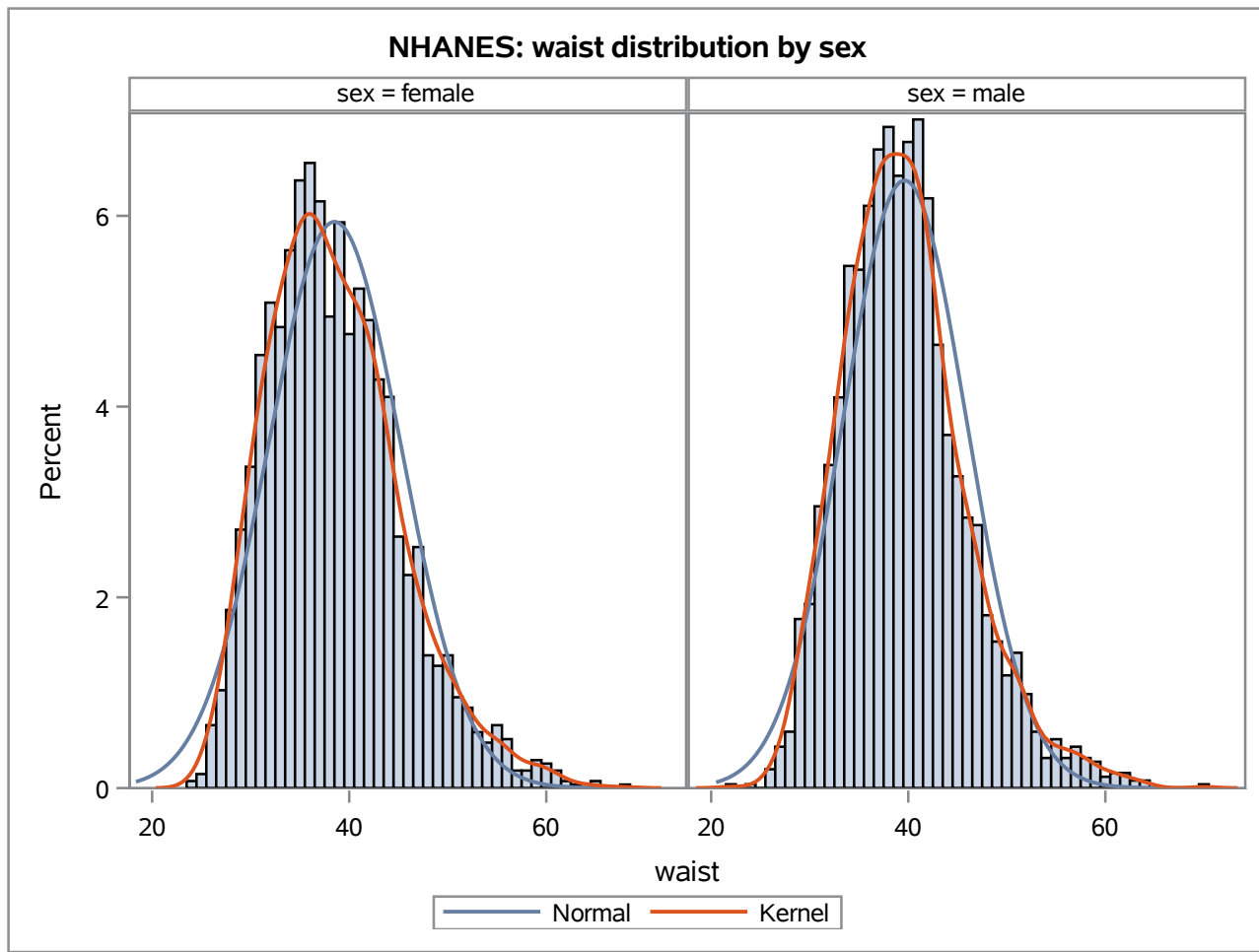
Extreme Values					
Lowest			Highest		
Order	Value	Freq	Order	Value	Freq
1	14.1	1	307	58.4	1
2	15.4	2	308	63.3	1
3	16.7	1	309	64.3	1
4	16.8	2	310	67.9	1
5	16.9	1	311	74.1	1

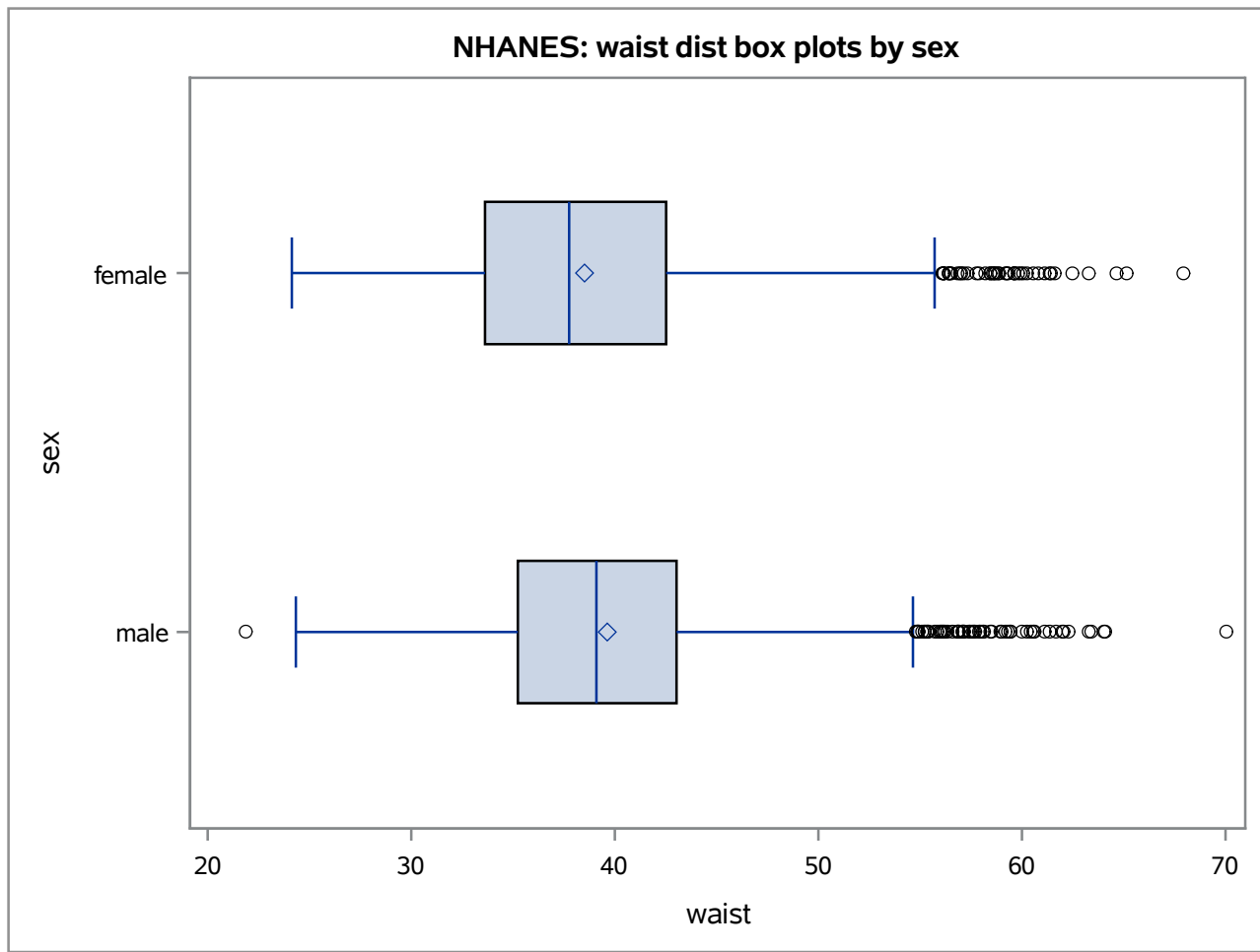
The MEANS Procedure

Analysis Variable : bmi											
sex	N Obs	N	Minimum	Lower Quartile	Median	Upper Quartile	Maximum	Range	Quartile Range	Mean	Std Dev
female	2919	2882	14.2000	23.8000	28.2000	33.8000	82.9000	68.7000	10.0000	29.6562	7.8605
male	2669	2638	14.1000	24.4000	27.5000	31.3000	74.1000	60.0000	6.9000	28.4981	6.2365

The MEANS Procedure

Analysis Variable : bmi														
sex	N Obs	1st Pctl	5th Pctl	10th Pctl	20th Pctl	30th Pctl	40th Pctl	50th Pctl	60th Pctl	70th Pctl	80th Pctl	90th Pctl	95th Pctl	99th Pctl
female	2919	17.6000	19.6000	21.1000	22.9000	24.7000	26.7000	28.2000	30.4000	32.5000	35.4000	39.8000	44.1000	54.2000
male	2669	17.9000	20.5000	21.8000	23.7000	25.1000	26.4000	27.5000	28.8000	30.5000	32.4000	35.9000	40.2000	50.2000





The UNIVARIATE Procedure
 Variable: waist
 sex = female

Basic Statistical Measures			
Location		Variability	
Mean	38.51228	Std Deviation	6.71862
Median	37.75591	Variance	45.13980
Mode	35.43307	Range	43.77953
		Interquartile Range	8.89764

Note: The mode displayed is the smallest of 2 modes with a count of 21.

Quantiles (Definition 5)	
Level	Quantile
100% Max	67.9134
99%	58.4252
95%	50.9449
90%	47.2441
75% Q3	42.5197
50% Median	37.7559
25% Q1	33.6220
10%	30.5118
5%	28.9370
1%	26.6535
0% Min	24.1339

Extreme Values					
Lowest			Highest		
Order	Value	Freq	Order	Value	Freq
1	24.1339	1	692	62.4803	1
2	24.2126	1	693	63.3071	1
3	24.7244	1	694	64.6457	1
4	25.0000	1	695	65.1575	1
5	25.1969	1	696	67.9134	1

The UNIVARIATE Procedure
 Variable: waist
 sex = male

Basic Statistical Measures			
Location		Variability	
Mean	39.62787	Std Deviation	6.26160
Median	39.09449	Variance	39.20766
Mode	37.79528	Range	48.18898
		Interquartile Range	7.79528

Quantiles (Definition 5)	
Level	Quantile
100% Max	70.0394
99%	58.0709
95%	51.0630
90%	47.6378
75% Q3	43.0315
50% Median	39.0945
25% Q1	35.2362
10%	32.0866
5%	30.4724
1%	28.1890
0% Min	21.8504

Extreme Values					
Lowest			Highest		
Order	Value	Freq	Order	Value	Freq
1	21.8504	1	663	63.2677	1
2	24.3307	1	664	63.3858	1
3	25.9055	1	665	64.0551	1
4	26.0630	1	666	64.0945	1
5	26.2992	2	667	70.0394	1

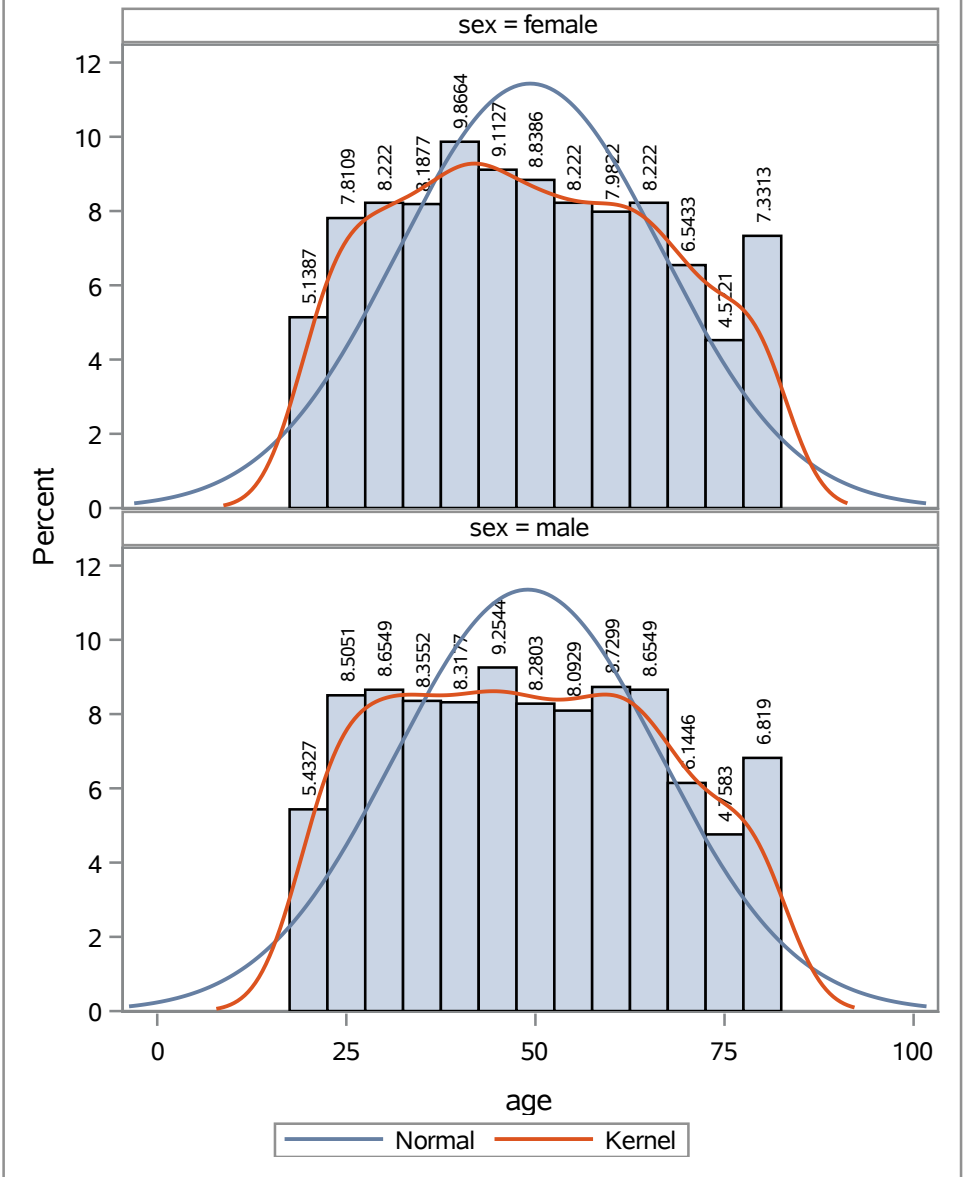
The MEANS Procedure

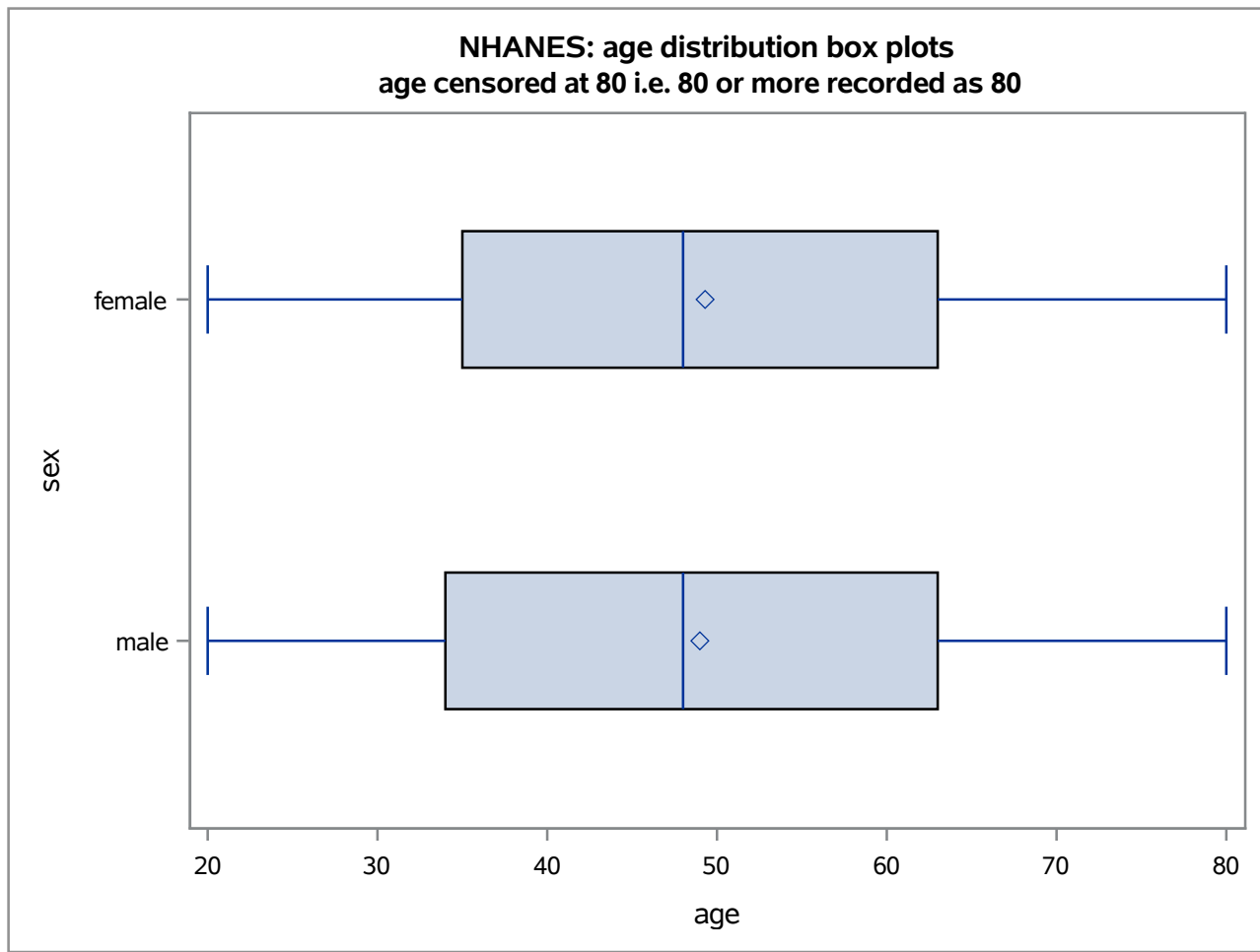
Analysis Variable : waist											
sex	N Obs	N	Minimum	Lower Quartile	Median	Upper Quartile	Maximum	Range	Quartile Range	Mean	Std Dev
female	2919	2731	24.1339	33.6220	37.7559	42.5197	67.9134	43.7795	8.8976	38.5123	6.7186
male	2669	2539	21.8504	35.2362	39.0945	43.0315	70.0394	48.1890	7.7953	39.6279	6.2616

The MEANS Procedure

Analysis Variable : waist														
sex	N Obs	1st Pctl	5th Pctl	10th Pctl	20th Pctl	30th Pctl	40th Pctl	50th Pctl	60th Pctl	70th Pctl	80th Pctl	90th Pctl	95th Pctl	99th Pctl
female	2919	26.6535	28.9370	30.5118	32.6772	34.5276	36.1417	37.7559	39.5276	41.5354	43.7008	47.2441	50.9449	58.4252
male	2669	28.1890	30.4724	32.0866	34.3307	36.1417	37.5984	39.0945	40.6299	42.2047	44.2913	47.6378	51.0630	58.0709

**NHANES: age distribution by sex -- 5 year binwidth
age censored at 80 i.e. 80 or more recorded as 80**





NHANES: age distribution by sex
age censored at 80 i.e. 80 or more recorded as 80

The UNIVARIATE Procedure
Variable: age
sex = female

Basic Statistical Measures			
Location		Variability	
Mean	49.29839	Std Deviation	17.44806
Median	48.00000	Variance	304.43492
Mode	80.00000	Range	60.00000
		Interquartile Range	28.00000

Quantiles (Definition 5)	
Level	Quantile
100% Max	80
99%	80
95%	80
90%	74
75% Q3	63
50% Median	48
25% Q1	35
10%	25
5%	22
1%	20
0% Min	20

Extreme Values					
Lowest			Highest		
Order	Value	Freq	Order	Value	Freq
1	20	51	57	76	23
2	21	49	58	77	17
3	22	50	59	78	16
4	23	50	60	79	19
5	24	45	61	80	179

The UNIVARIATE Procedure
 Variable: age
 sex = male

Basic Statistical Measures			
Location		Variability	
Mean	48.98988	Std Deviation	17.57228
Median	48.00000	Variance	308.78513
Mode	80.00000	Range	60.00000
		Interquartile Range	29.00000

Quantiles (Definition 5)	
Level	Quantile
100% Max	80
99%	80
95%	80
90%	74
75% Q3	63
50% Median	48
25% Q1	34
10%	25
5%	22
1%	20
0% Min	20

Extreme Values					
Lowest			Highest		
Order	Value	Freq	Order	Value	Freq
1	20	55	57	76	28
2	21	43	58	77	18
3	22	47	59	78	19
4	23	58	60	79	10
5	24	45	61	80	153

NHANES: age distribution by sex
age censored at 80 i.e. 80 or more recorded as 80

The MEANS Procedure

Analysis Variable : age											
sex	N Obs	N	Minimum	Lower Quartile	Median	Upper Quartile	Maximum	Range	Quartile Range	Mean	Std Dev
female	2919	2919	20.0000	35.0000	48.0000	63.0000	80.0000	60.0000	28.0000	49.2984	17.4481
male	2669	2669	20.0000	34.0000	48.0000	63.0000	80.0000	60.0000	29.0000	48.9899	17.5723

The MEANS Procedure

Analysis Variable : age														
sex	N Obs	1st Pctl	5th Pctl	10th Pctl	20th Pctl	30th Pctl	40th Pctl	50th Pctl	60th Pctl	70th Pctl	80th Pctl	90th Pctl	95th Pctl	99th Pctl
female	2919	20.0000	22.0000	25.0000	32.0000	38.0000	43.0000	48.0000	54.0000	61.0000	66.0000	74.0000	80.0000	80.0000
male	2669	20.0000	22.0000	25.0000	31.0000	37.0000	43.0000	48.0000	55.0000	60.0000	66.0000	74.0000	80.0000	80.0000

The FREQ Procedure

sex	Frequency	Percent	Cumulative Frequency	Cumulative Percent
female	2919	52.24	2919	52.24
male	2669	47.76	5588	100.00

