

The GLM Procedure

Class Level Information		
Class	Levels	Values
WTGroups	5	(55kg, 60kg] (60kg, 67kg] (67kg, 79kg] 55kg or Below More than 79kg

Number of Observations Read	106
Number of Observations Used	106

The GLM Procedure

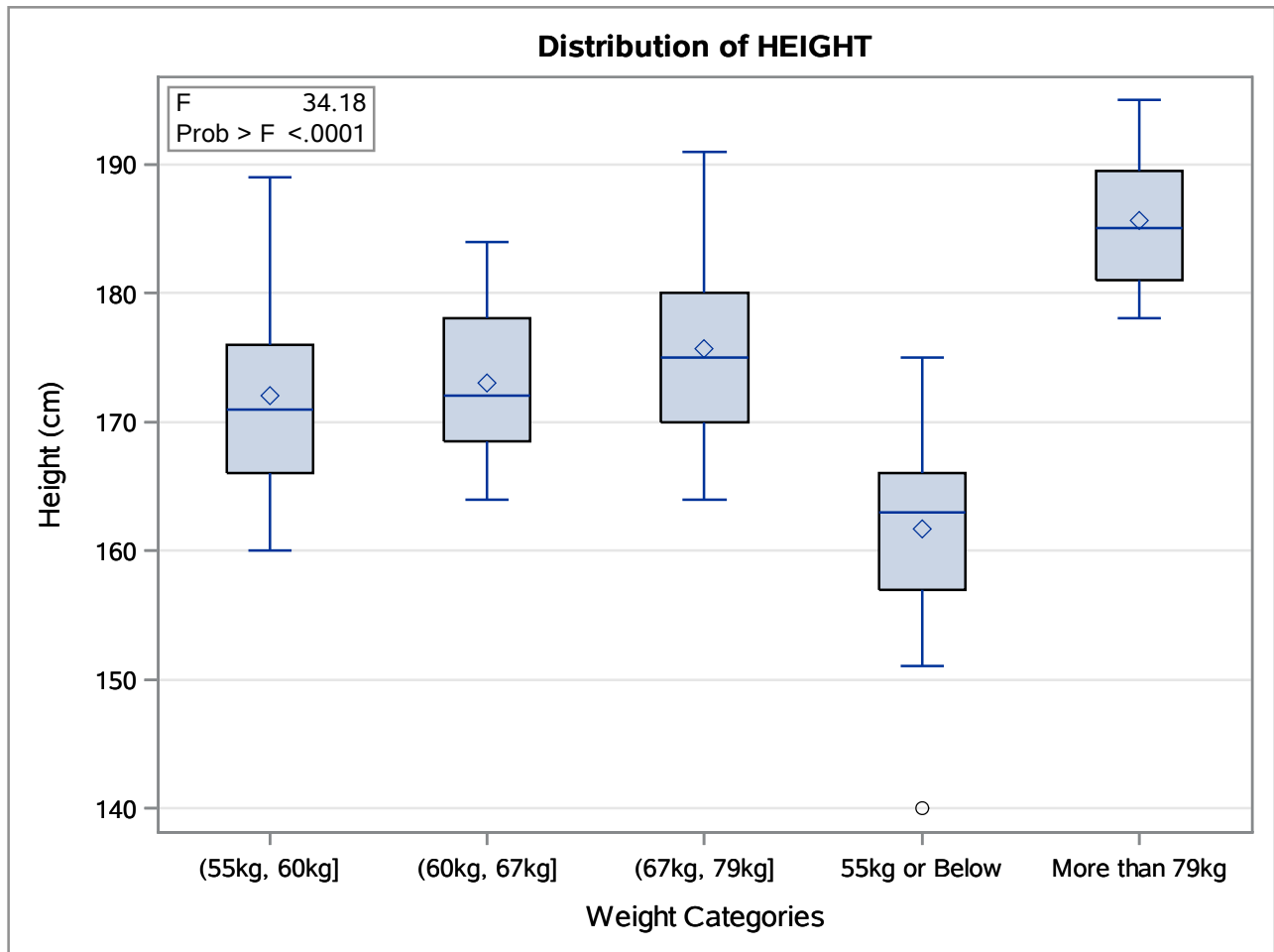
Dependent Variable: HEIGHT Height (cm)

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	4	6284.73570	1571.18393	34.18	<.0001
Error	101	4643.27373	45.97301		
Corrected Total	105	10928.00943			

R-Square	Coeff Var	Root MSE	HEIGHT Mean
0.575103	3.914362	6.780340	173.2170

Source	DF	Type I SS	Mean Square	F Value	Pr > F
WTGroups	4	6284.735702	1571.183926	34.18	<.0001

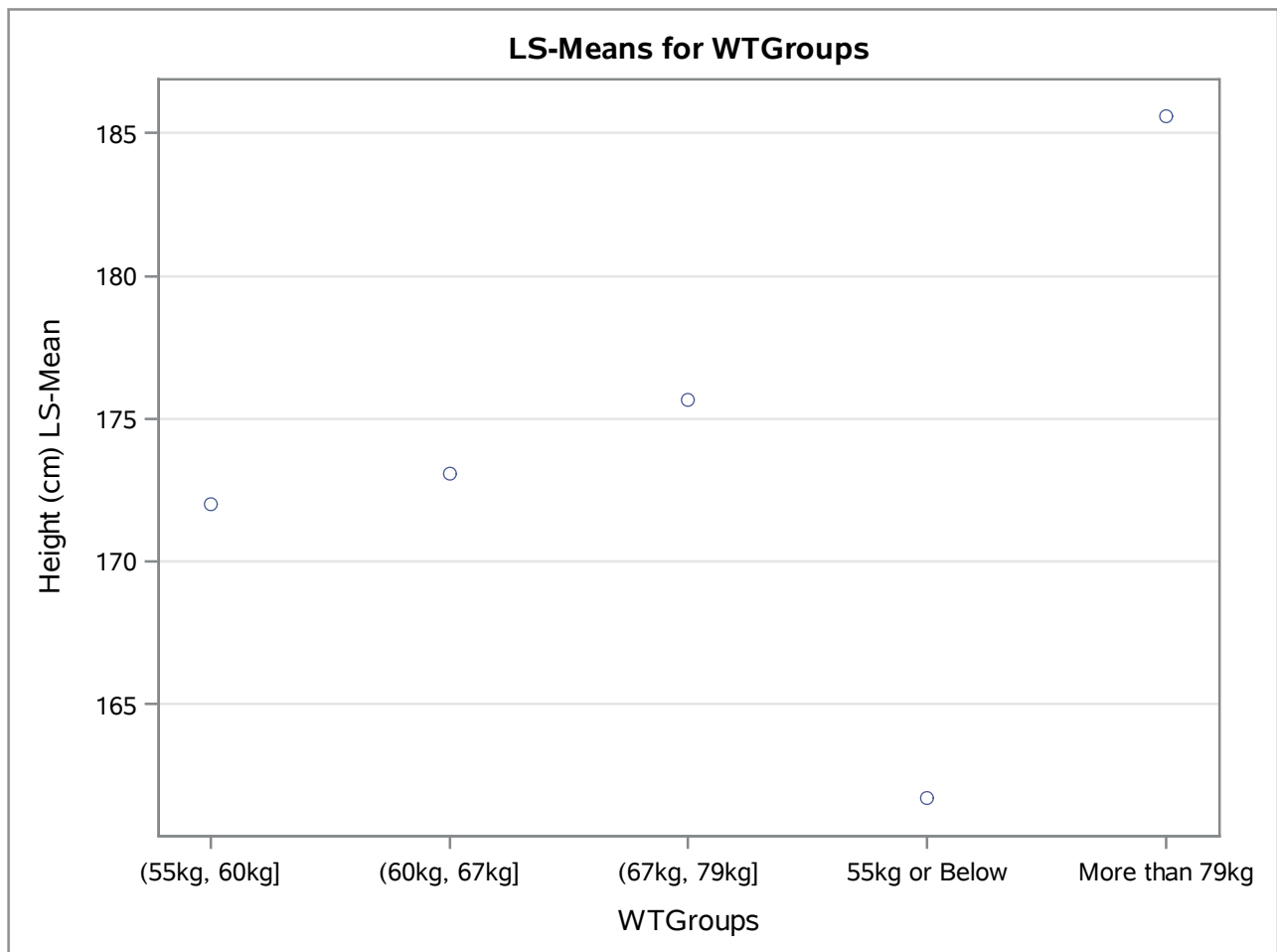
Source	DF	Type III SS	Mean Square	F Value	Pr > F
WTGroups	4	6284.735702	1571.183926	34.18	<.0001



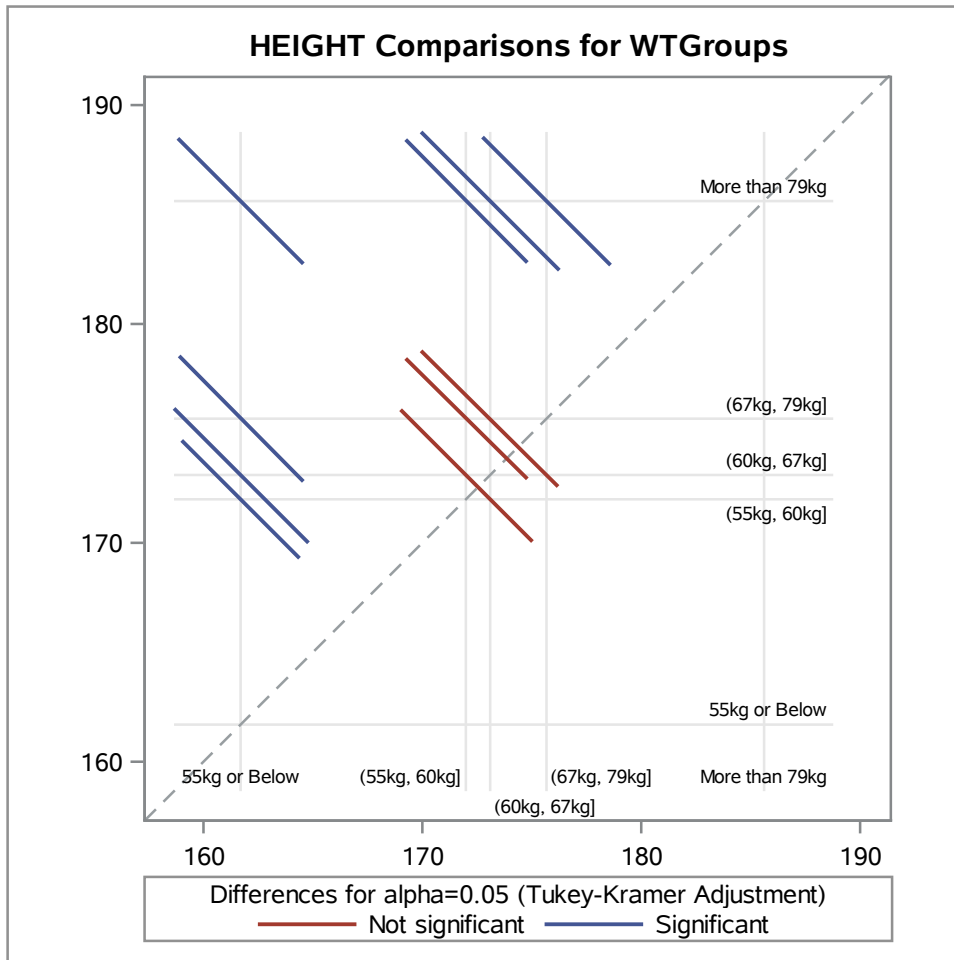
The GLM Procedure  
 Least Squares Means  
 Adjustment for Multiple Comparisons: Tukey-Kramer

WTGroups	HEIGHT LSMEAN	LSMEAN Number
(55kg, 60kg]	172.000000	1
(60kg, 67kg]	173.062500	2
(67kg, 79kg]	175.666667	3
55kg or Below	161.695652	4
More than 79kg	185.600000	5

Least Squares Means for effect WTGroups Pr >  t  for H0: LSMean(i)=LSMean(j) Dependent Variable: HEIGHT					
i/j	1	2	3	4	5
1		0.9878	0.3549	<.0001	<.0001
2	0.9878		0.7754	<.0001	<.0001
3	0.3549	0.7754		<.0001	<.0001
4	<.0001	<.0001	<.0001		<.0001
5	<.0001	<.0001	<.0001	<.0001	



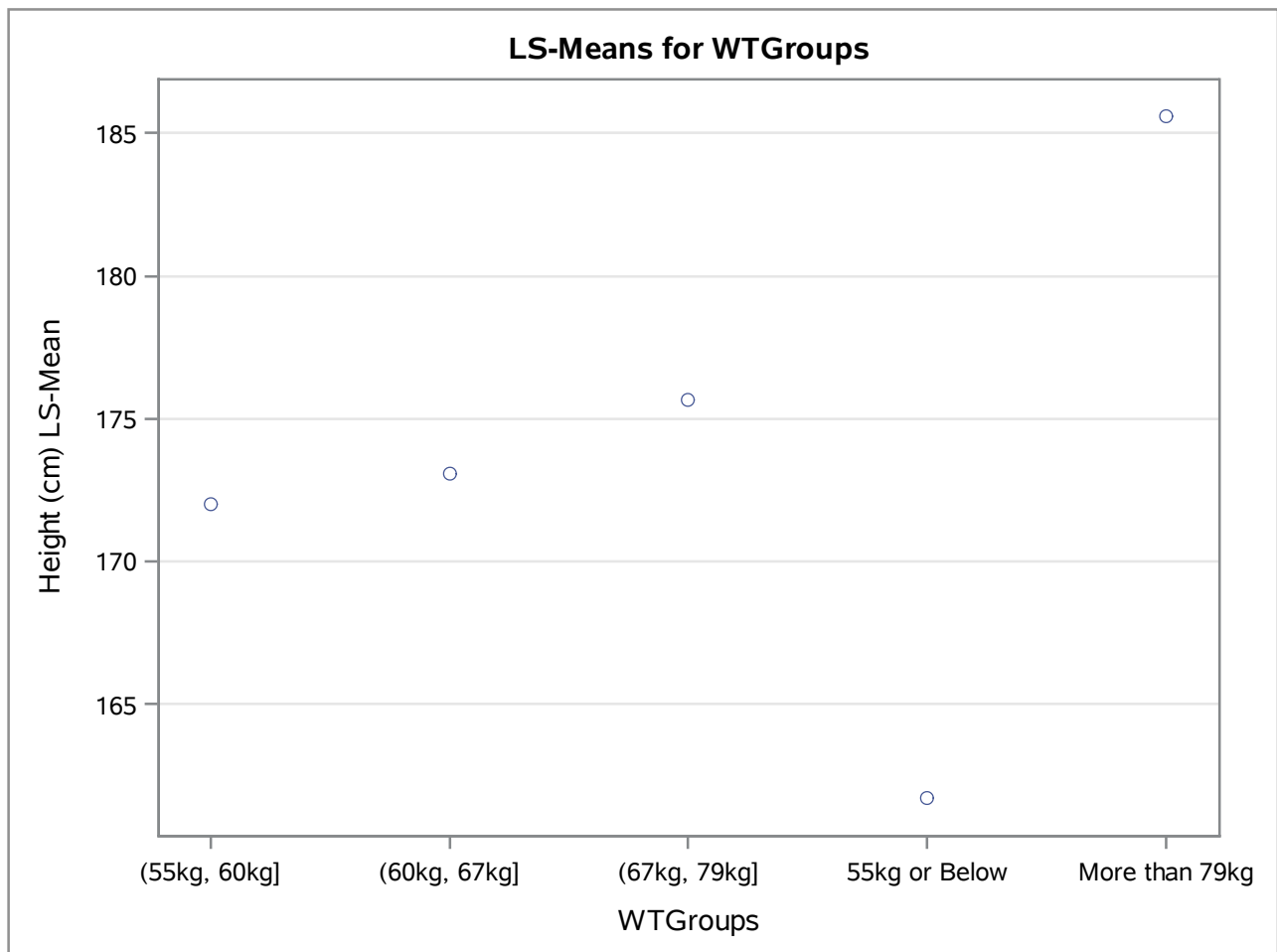
The GLM Procedure  
Least Squares Means  
Adjustment for Multiple Comparisons: Tukey-Kramer



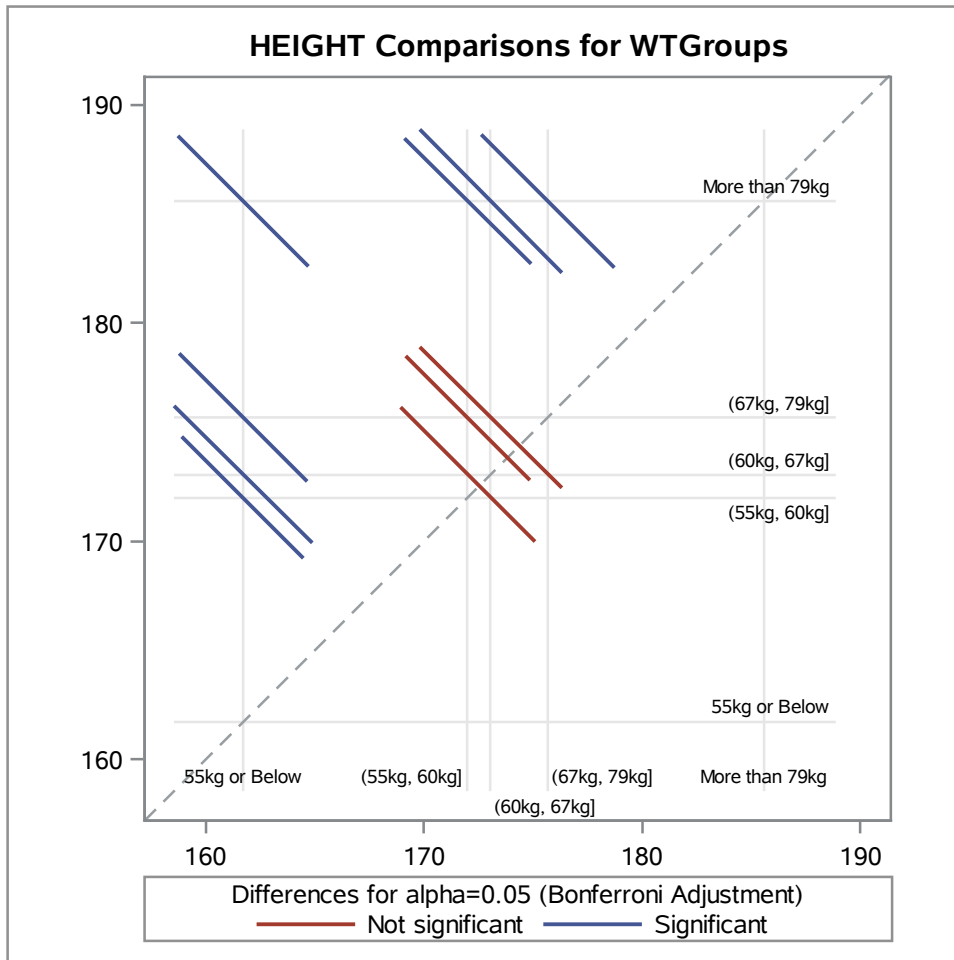
The GLM Procedure  
 Least Squares Means  
 Adjustment for Multiple Comparisons: Bonferroni

WTGroups	HEIGHT LSMEAN	LSMEAN Number
(55kg, 60kg]	172.000000	1
(60kg, 67kg]	173.062500	2
(67kg, 79kg]	175.666667	3
55kg or Below	161.695652	4
More than 79kg	185.600000	5

Least Squares Means for effect WTGroups Pr >  t  for H0: LSMean(i)=LSMean(j)					
Dependent Variable: HEIGHT					
i/j	1	2	3	4	5
1		1.0000	0.6824	<.0001	<.0001
2	1.0000		1.0000	<.0001	<.0001
3	0.6824	1.0000		<.0001	<.0001
4	<.0001	<.0001	<.0001		<.0001
5	<.0001	<.0001	<.0001	<.0001	



The GLM Procedure  
Least Squares Means  
Adjustment for Multiple Comparisons: Bonferroni



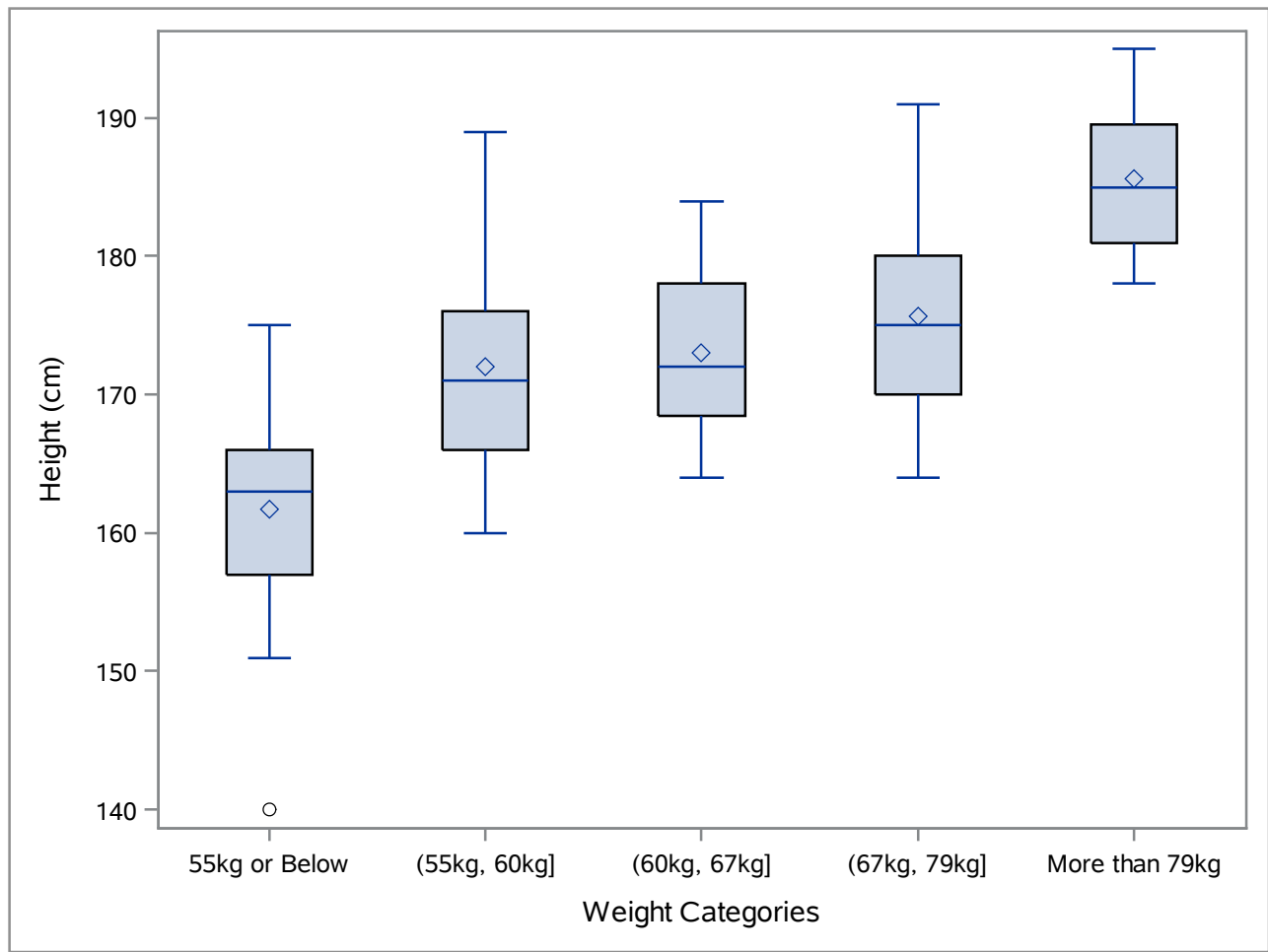
## The MEANS Procedure

Analysis Variable : HEIGHT Height (cm)						
Weight Categories	N Obs	N	Mean	Std Dev	Lower 95% CL for Mean	Upper 95% CL for Mean
55kg or Below	23	23	161.6956522	7.5404050	158.4349365	164.9563678
(55kg, 60kg]	26	26	172.0000000	7.3539105	169.0296913	174.9703087
(60kg, 67kg]	16	16	173.0625000	6.0933707	169.8155719	176.3094281
(67kg, 79kg]	21	21	175.6666667	6.8580853	172.5449037	178.7884296
More than 79kg	20	20	185.6000000	5.3449435	183.0984894	188.1015106

## The MEANS Procedure

Analysis Variable : HEIGHT Height (cm)						
Weight Categories	N Obs	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
55kg or Below	23	140.0000000	157.0000000	163.0000000	166.0000000	175.0000000
(55kg, 60kg]	26	160.0000000	166.0000000	171.0000000	176.0000000	189.0000000
(60kg, 67kg]	16	164.0000000	168.5000000	172.0000000	178.0000000	184.0000000
(67kg, 79kg]	21	164.0000000	170.0000000	175.0000000	180.0000000	191.0000000
More than 79kg	20	178.0000000	181.0000000	185.0000000	189.5000000	195.0000000





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WTGroups	5	(55kg, 60kg] (60kg, 67kg] (67kg, 79kg] 55kg or Below More than 79kg

Number of Observations Read	106
Number of Observations Used	106

The GLM Procedure

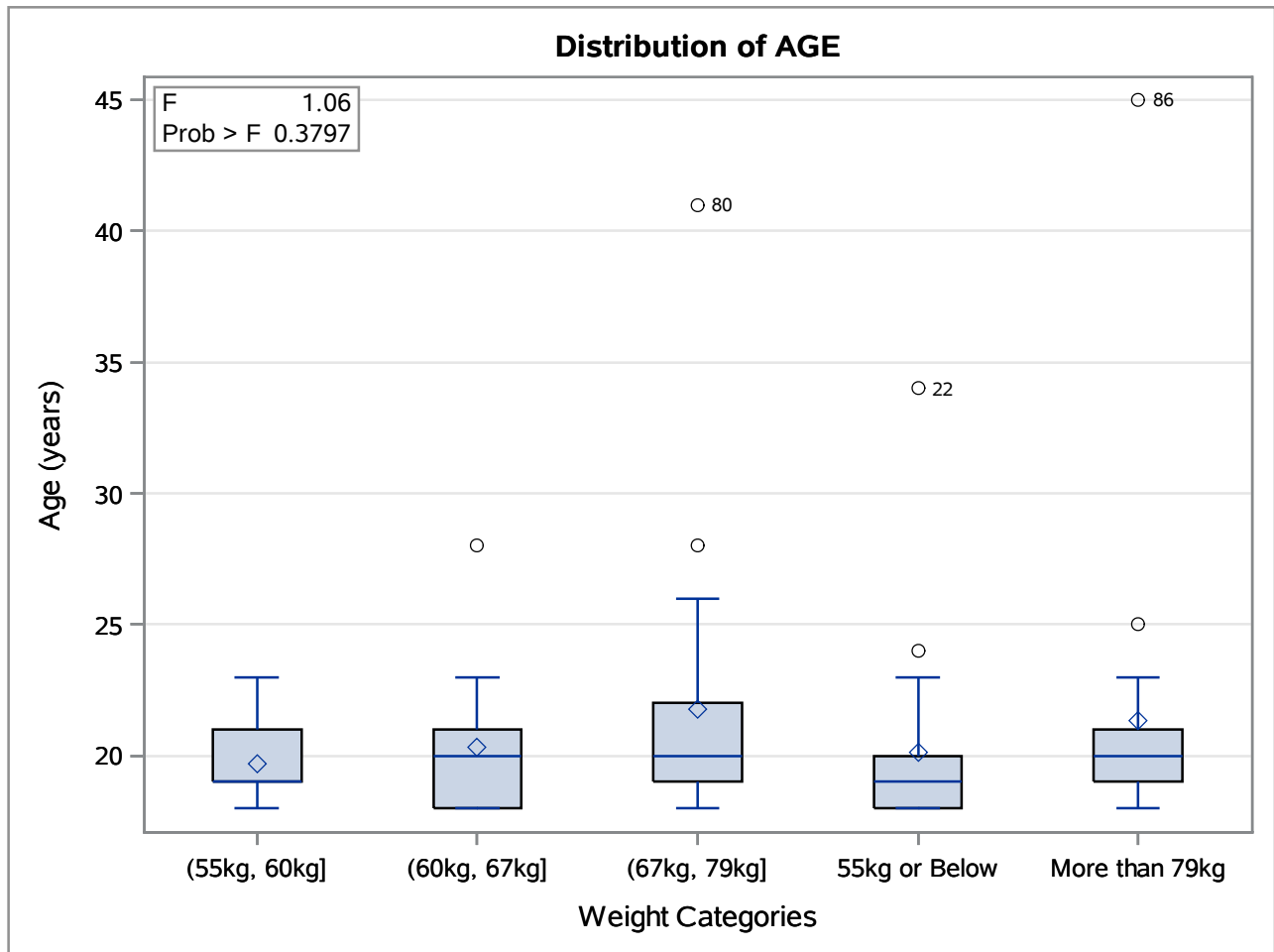
Dependent Variable: AGE Age (years)

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	4	67.414310	16.853577	1.06	0.3797
Error	101	1603.944181	15.880635		
Corrected Total	105	1671.358491			

R-Square	Coeff Var	Root MSE	AGE Mean
0.040335	19.34137	3.985051	20.60377

Source	DF	Type I SS	Mean Square	F Value	Pr > F
WTGroups	4	67.41430957	16.85357739	1.06	0.3797

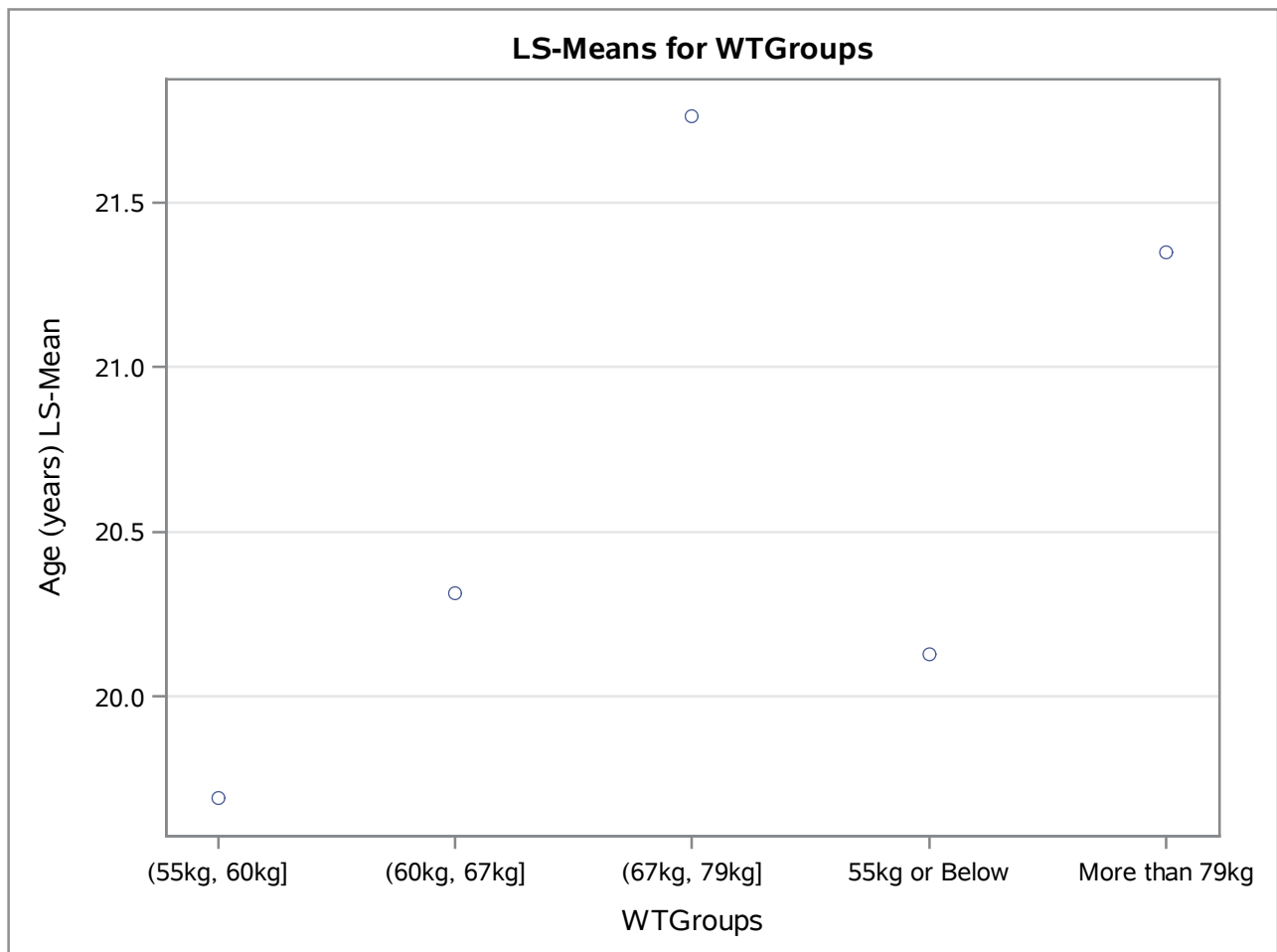
Source	DF	Type III SS	Mean Square	F Value	Pr > F
WTGroups	4	67.41430957	16.85357739	1.06	0.3797



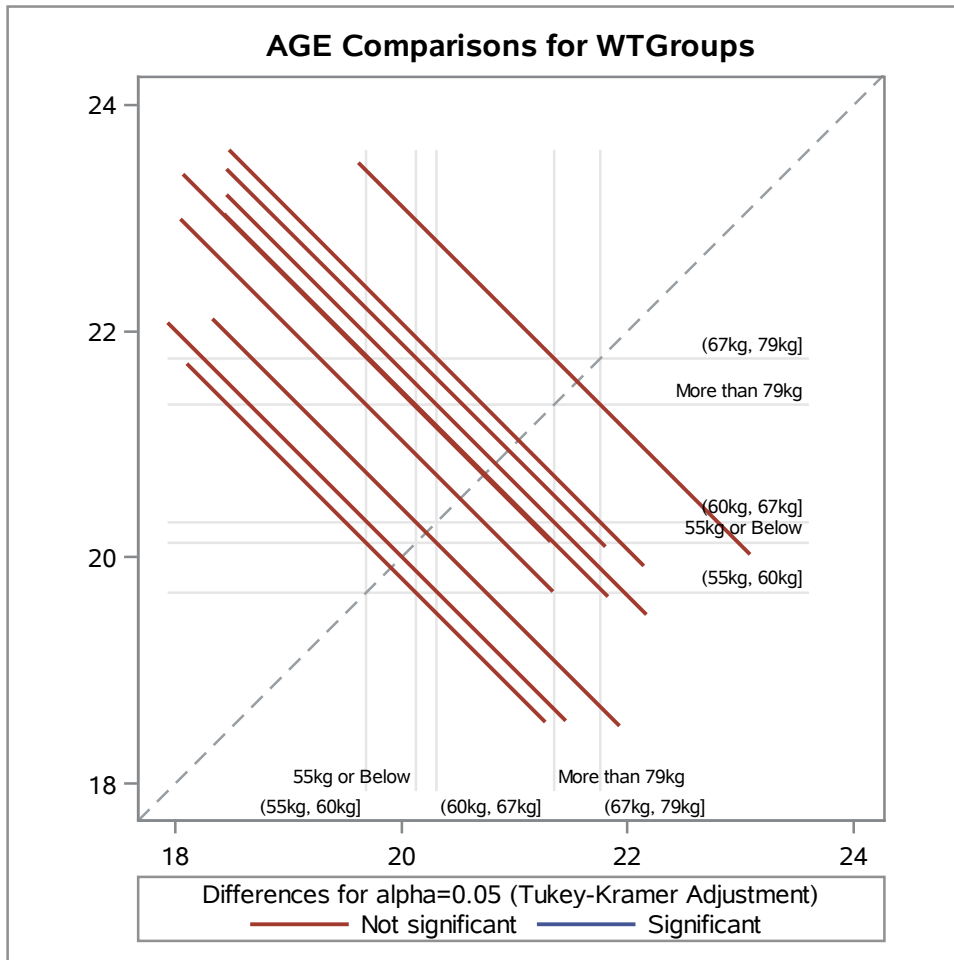
The GLM Procedure  
 Least Squares Means  
 Adjustment for Multiple Comparisons: Tukey-Kramer

WTGroups	AGE LSMEAN	LSMEAN Number
(55kg, 60kg]	19.6923077	1
(60kg, 67kg]	20.3125000	2
(67kg, 79kg]	21.7619048	3
55kg or Below	20.1304348	4
More than 79kg	21.3500000	5

Least Squares Means for effect WTGroups Pr >  t  for H0: LSMean(i)=LSMean(j)					
Dependent Variable: AGE					
i/j	1	2	3	4	5
1		0.9881	0.3967	0.9953	0.6300
2	0.9881		0.8082	0.9999	0.9369
3	0.3967	0.8082		0.6567	0.9974
4	0.9953	0.9999	0.6567		0.8544
5	0.6300	0.9369	0.9974	0.8544	



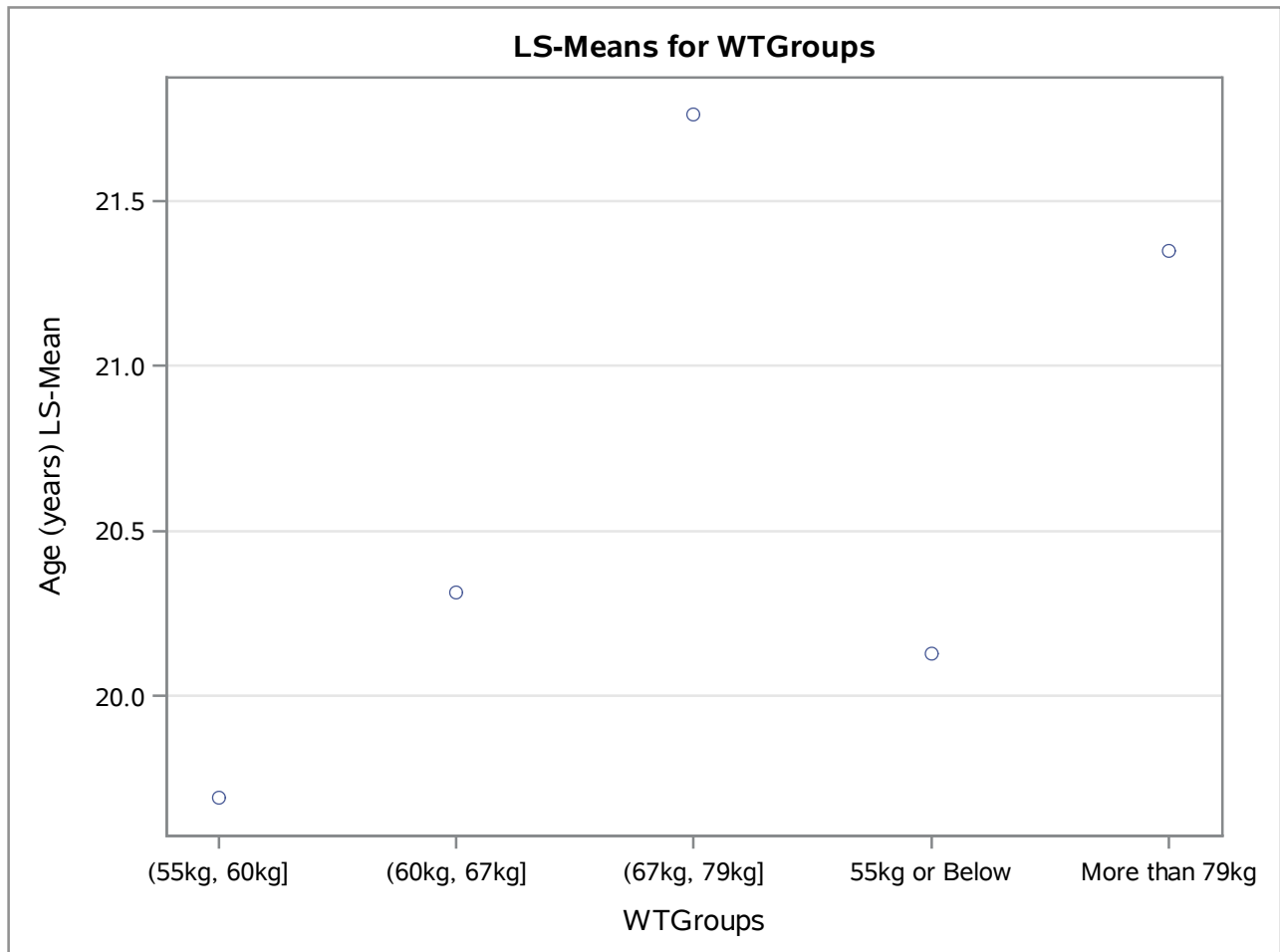
The GLM Procedure  
Least Squares Means  
Adjustment for Multiple Comparisons: Tukey-Kramer



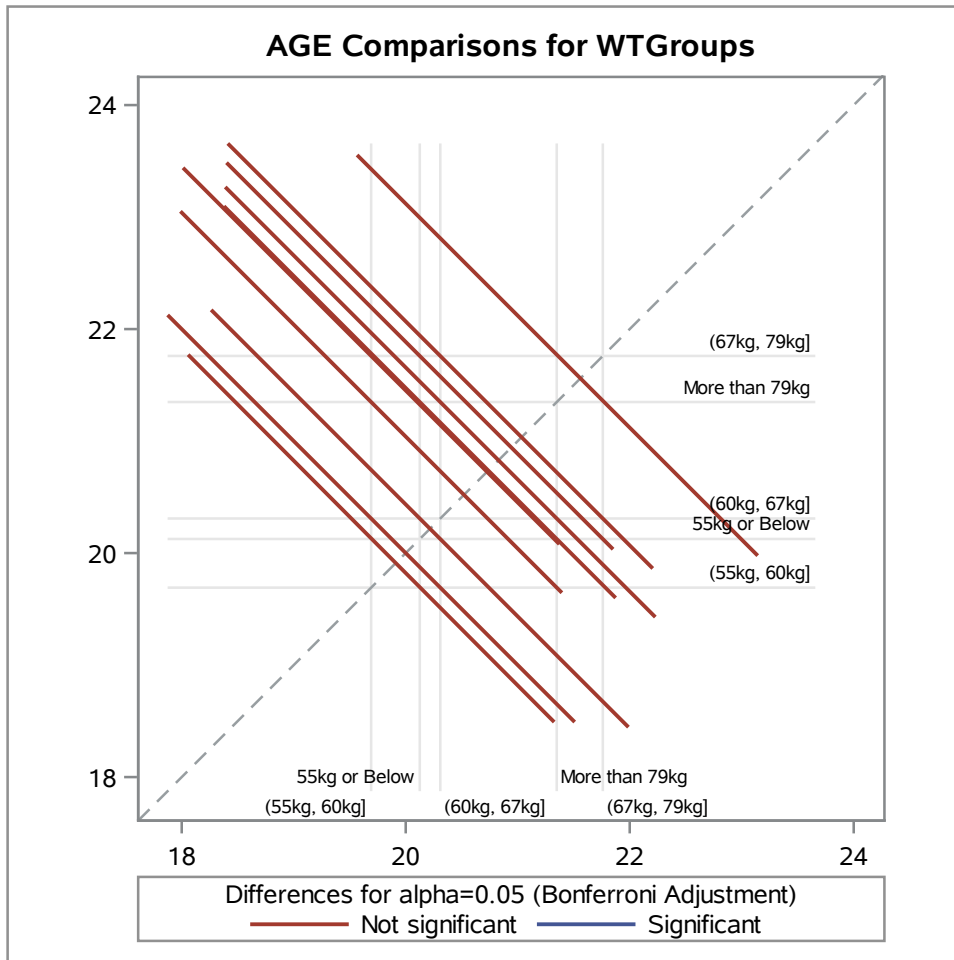
The GLM Procedure  
 Least Squares Means  
 Adjustment for Multiple Comparisons: Bonferroni

WTGroups	AGE LSMEAN	LSMEAN Number
(55kg, 60kg]	19.6923077	1
(60kg, 67kg]	20.3125000	2
(67kg, 79kg]	21.7619048	3
55kg or Below	20.1304348	4
More than 79kg	21.3500000	5

Least Squares Means for effect WTGroups Pr >  t  for H0: LSMean(i)=LSMean(j)					
Dependent Variable: AGE					
i/j	1	2	3	4	5
1		1.0000	0.7973	1.0000	1.0000
2	1.0000		1.0000	1.0000	1.0000
3	0.7973	1.0000		1.0000	1.0000
4	1.0000	1.0000	1.0000		1.0000
5	1.0000	1.0000	1.0000	1.0000	



The GLM Procedure  
Least Squares Means  
Adjustment for Multiple Comparisons: Bonferroni



## The MEANS Procedure

Analysis Variable : AGE Age (years)						
Weight Categories	N Obs	N	Mean	Std Dev	Lower 95% CL for Mean	Upper 95% CL for Mean
55kg or Below	23	23	20.1304348	3.4285479	18.6478195	21.6130501
(55kg, 60kg]	26	26	19.6923077	1.4358059	19.1123732	20.2722422
(60kg, 67kg]	16	16	20.3125000	2.6259919	18.9132077	21.7117923
(67kg, 79kg]	21	21	21.7619048	5.2144488	19.3883161	24.1354934
More than 79kg	20	20	21.3500000	5.8334336	18.6198690	24.0801310



## The MEANS Procedure

Analysis Variable : AGE Age (years)						
Weight Categories	N Obs	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
55kg or Below	23	18.0000000	18.0000000	19.0000000	20.0000000	34.0000000
(55kg, 60kg]	26	18.0000000	19.0000000	19.0000000	21.0000000	23.0000000
(60kg, 67kg]	16	18.0000000	18.0000000	20.0000000	21.0000000	28.0000000
(67kg, 79kg]	21	18.0000000	19.0000000	20.0000000	22.0000000	41.0000000
More than 79kg	20	18.0000000	19.0000000	20.0000000	21.0000000	45.0000000

