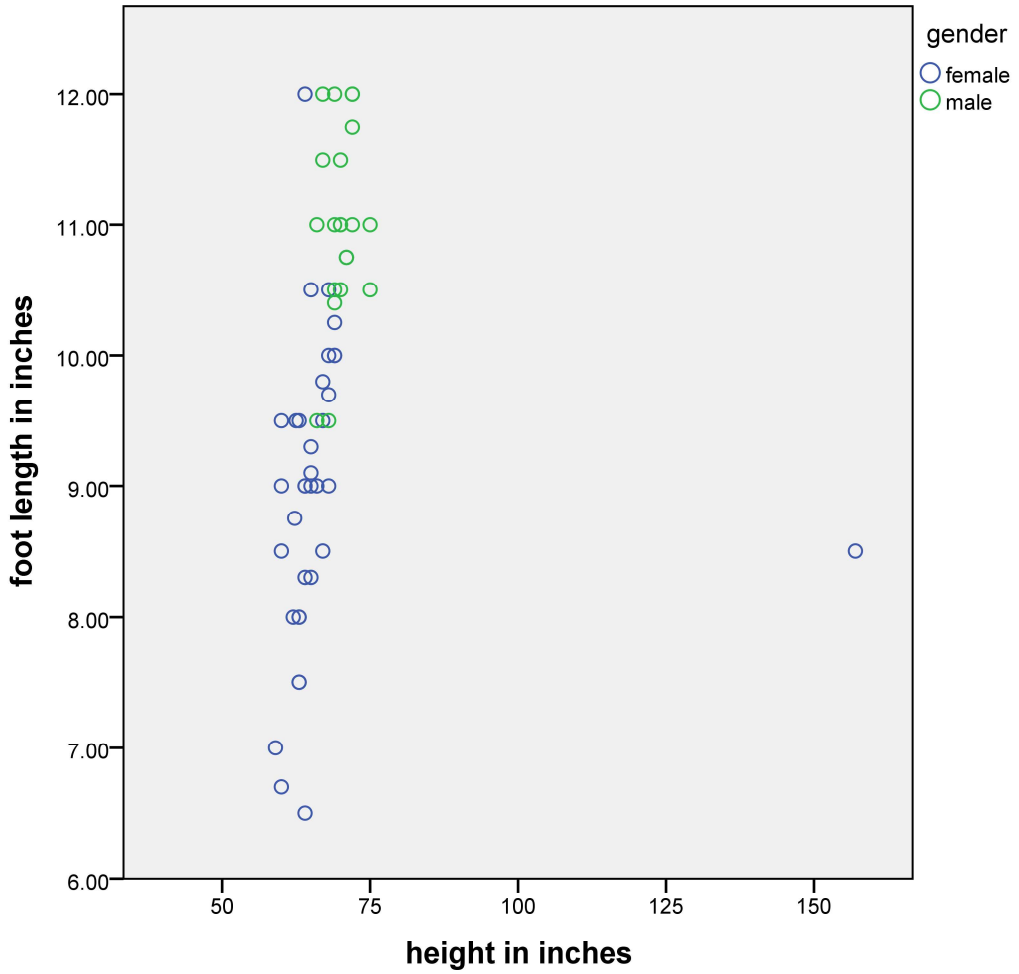
```
GET
  FILE='W:\syr\CourseInformation\MTH 111\Dilmore\handspan footlength section 1
 spring 2019.sav'.
DATASET NAME DataSet1 WINDOW=FRONT.
GET
  FILE='W:\syr\CourseInformation\MTH 111\Dilmore\handspan footlength section 2
 spring 2019.sav'.
DATASET NAME DataSet2 WINDOW=FRONT.
DATASET ACTIVATE DataSet1.

SAVE OUTFILE='W:\syr\CourseInformation\MTH 110\dilmore\handspan footlength May
Mester 2019.sav'
  /COMPRESSED.
DATASET ACTIVATE DataSet1.

SAVE OUTFILE='W:\syr\CourseInformation\MTH 110\dilmore\handspan footlength May
Mester 2019.sav'
  /COMPRESSED.
DATASET ACTIVATE DataSet1.

SAVE OUTFILE='W:\syr\CourseInformation\MTH 110\dilmore\handspan footlength May
Mester 2019.sav'
  /COMPRESSED.
DATASET ACTIVATE DataSet1.

SAVE OUTFILE='W:\syr\CourseInformation\MTH 110\dilmore\handspan footlength May
Mester 2019.sav'
  /COMPRESSED.
* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=height footlength gender MISSING
=LISTWISE
    REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: height=col(source(s), name("height"))
  DATA: footlength=col(source(s), name("footlength"))
  DATA: gender=col(source(s), name("gender"), unit.category())
  GUIDE: axis(dim(1), label("height in inches"))
  GUIDE: axis(dim(2), label("foot length in inches"))
  GUIDE: legend(aesthetic(aesthetic.color.exterior), label("gender"))
```

```
  ELEMENT: point(position(height*footlength), color.exterior(gender))
END GPL.
```

GGraph

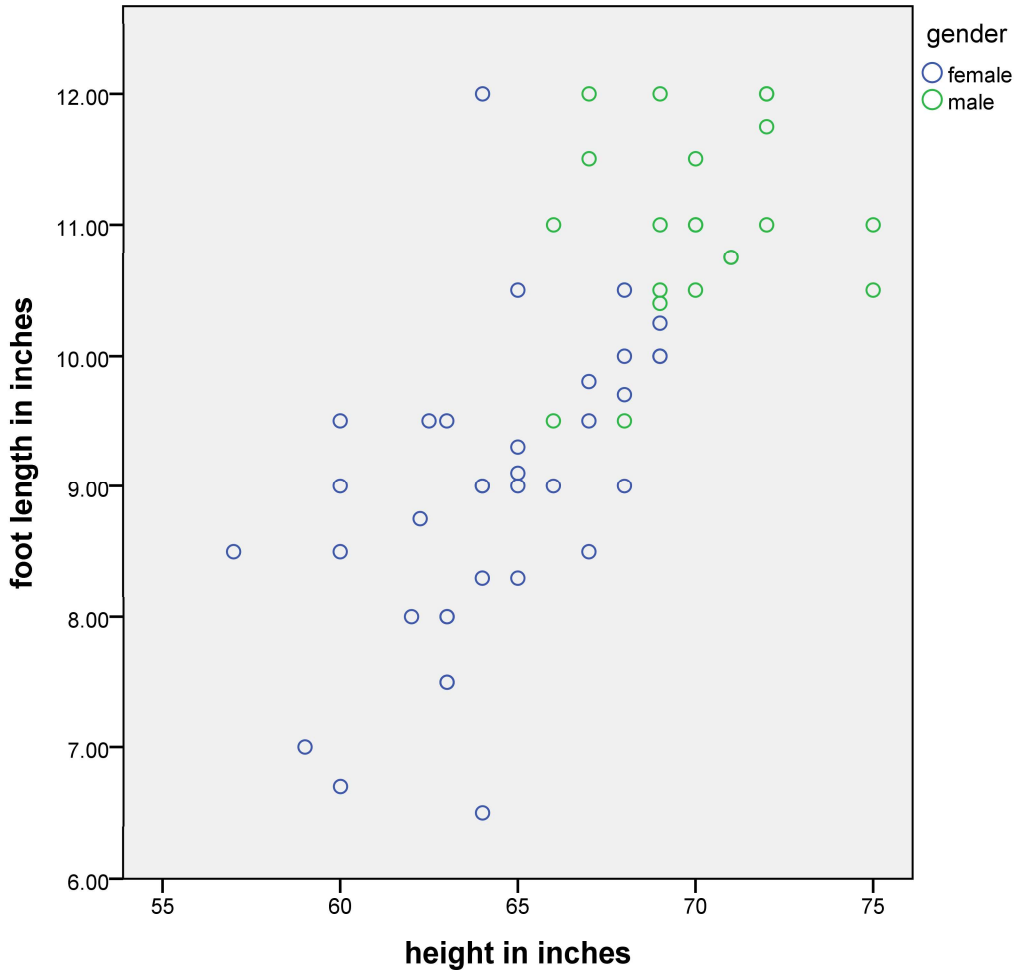
```
[DataSet1] W:\syr\CourseInformation\MTH 110\dilmore\handspan footlength Ma
ter 2019.sav
```




```
DATASET CLOSE DataSet2.
DATASET ACTIVATE DataSet1.

SAVE OUTFILE='W:\syr\CourseInformation\MTH 110\dilmore\handspan footlengtl
Mester 2019.sav'
  /COMPRESSED.
* Chart Builder.
GGRAPH
```

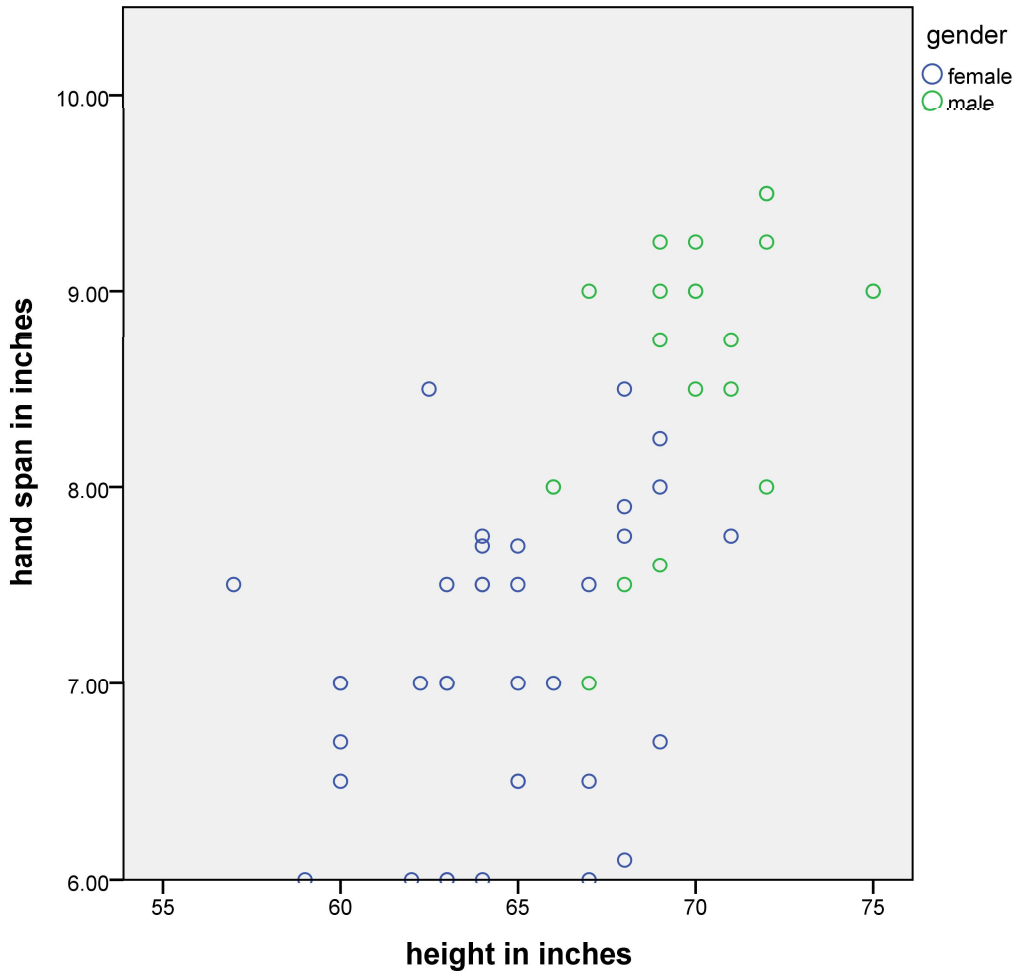
```
  /GRAPHDATASET NAME="graphdataset" VARIABLES=height footlength gender MIS
=LISTWISE
    REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: height=col(source(s), name("height"))
  DATA: footlength=col(source(s), name("footlength"))
  DATA: gender=col(source(s), name("gender"), unit.category())
  GUIDE: axis(dim(1), label("height in inches"))
  GUIDE: axis(dim(2), label("foot length in inches"))
  GUIDE: legend(aesthetic(aesthetic.color.exterior), label("gender"))
  ELEMENT: point(position(height*footlength), color.exterior(gender))
END GPL.
```

GGraph



```
* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=height handspan gender MISSING=L
ISTWISE
    REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: height=col(source(s), name("height"))
  DATA: handspan=col(source(s), name("handspan"))
  DATA: gender=col(source(s), name("gender"), unit.category())
  GUIDE: axis(dim(1), label("height in inches"))
  GUIDE: axis(dim(2), label("hand span in inches"))
  GUIDE: legend(aesthetic(aesthetic.color.exterior), label("gender"))
  ELEMENT: point(position(height*handspan), color.exterior(gender))
END GPL.
```

GGraph

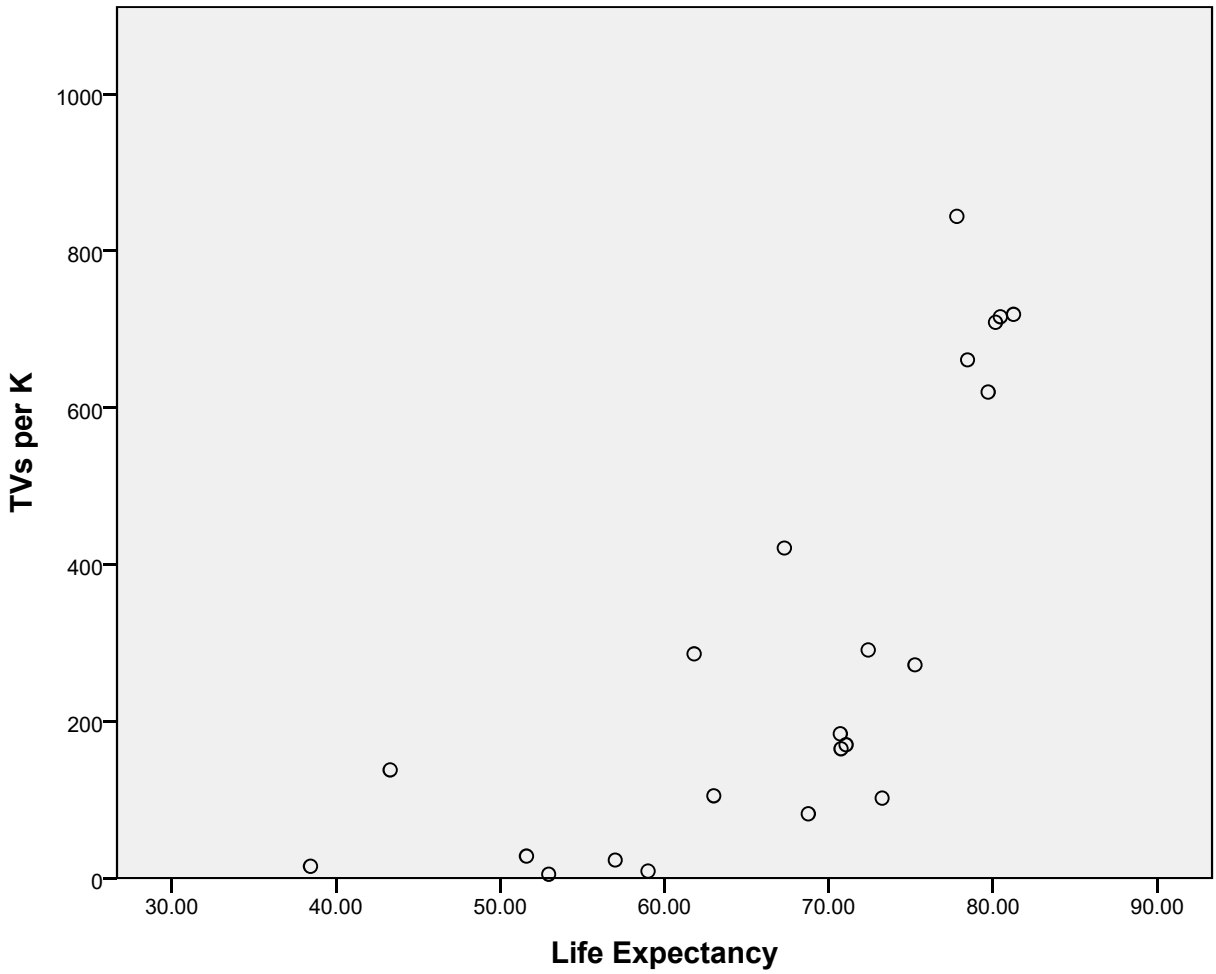



```
GET
  FILE='W:\syr\CourseInformation\MTH 110\dilmore\SPSS Data Files WS4\TVlif
sav'.
DATASET NAME DataSet3 WINDOW=FRONT.
* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=LifeExpectancy TVsperK MISSI
ISTWISE
    REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: LifeExpectancy=col(source(s), name("LifeExpectancy"))
  DATA: TVsperK=col(source(s), name("TVsperK"))
  GUIDE: axis(dim(1), label("Life Expectancy"))
  GUIDE: axis(dim(2), label("TVs per K"))
```

```
  ELEMENT: point(position(LifeExpectancy*TVsperK))
END GPL.
```

GGraph

```
[DataSet3] W:\syr\CourseInformation\MTH 110\dilmore\SPSS Data Files WS4\TVlife
06.sav
```




```
GET
  FILE='W:\syr\CourseInformation\MTH 110\dilmore\SPSS Data Files WS4\Cars99.sa
v'.
DATASET NAME DataSet4 WINDOW=FRONT.
CORRELATIONS
  /VARIABLES=Timefor14Mile Weight
  /PRINT=TWOTAIL NOSIG
  /MISSING=PAIRWISE.
```

Correlations

```
[DataSet4] W:\syr\CourseInformation\MTH 110\dilmore\SPSS Data Files WS4\Cars99
.sav
```

Correlations

		Time for 1/4 Mile	Weight
Time for 1/4 Mile	Pearson Correlation	1	-.450**
	Sig. (2-tailed)		.000
	N	73	73
Weight	Pearson Correlation	-.450**	1
	Sig. (2-tailed)	.000	
	N	73	109

**. Correlation is significant at the 0.01 level (2-tailed).

```
CORRELATIONS
  /VARIABLES=Timefor14Mile Weight PageNumber CityMPG HighwayMPG FuelCapacity F
rontWeight
    Acceleration030 Acceleration060
  /PRINT=TWOTAIL NOSIG
  /MISSING=PAIRWISE.
```

Correlations

Correlations

		Time for 1/4 Mile	Weight	Page Number	City MPG
Time for 1/4 Mile	Pearson Correlation	1	-.450**	.196	.510**
	Sig. (2-tailed)		.000	.097	.000
	N	73	73	73	73
Weight	Pearson Correlation	-.450**	1	-.237*	-.907**
	Sig. (2-tailed)	.000		.013	.000
	N	73	109	109	106
Page Number	Pearson Correlation	.196	-.237*	1	.283**
	Sig. (2-tailed)	.097	.013		.003
	N	73	109	109	106
City MPG	Pearson Correlation	.510**	-.907**	.283**	1
	Sig. (2-tailed)	.000	.000	.003	
	N	73	106	106	106
Highway MPG	Pearson Correlation	.431**	-.799**	.188	.889**
	Sig. (2-tailed)	.000	.000	.053	.000
	N	73	106	106	106
Fuel Capacity	Pearson Correlation	-.469**	.894**	-.081	-.793**
	Sig. (2-tailed)	.000	.000	.402	.000
	N	73	108	108	105
Front Weight	Pearson Correlation	.435**	-.245*	.092	.235*
	Sig. (2-tailed)	.000	.011	.341	.016
	N	73	108	108	105
Acceleration 0-30	Pearson Correlation	.932**	-.361**	.145	.434**
	Sig. (2-tailed)	.000	.002	.220	.000
	N	73	73	73	73
Acceleration 0-60	Pearson Correlation	.994**	-.454**	.205	.506**
	Sig. (2-tailed)	.000	.000	.082	.000
	N	73	73	73	73

Correlations

		Highway MPG	Fuel Capacity	Front Weight	Acceleration 0-30
Time for 1/4 Mile	Pearson Correlation	.431**	-.469**	.435**	.932**
	Sig. (2-tailed)	.000	.000	.000	.000
	N	73	73	73	73
Weight	Pearson Correlation	-.799**	.894**	-.245*	-.361**
	Sig. (2-tailed)	.000	.000	.011	.002
	N	106	108	108	73
Page Number	Pearson Correlation	.188	-.081	.092	.145
	Sig. (2-tailed)	.053	.402	.341	.220
	N	106	108	108	73
City MPG	Pearson Correlation	.889**	-.793**	.235*	.434**
	Sig. (2-tailed)	.000	.000	.016	.000
	N	106	105	105	73
Highway MPG	Pearson Correlation	1	-.721**	.387**	.374**
	Sig. (2-tailed)		.000	.000	.001
	N	106	105	105	73
Fuel Capacity	Pearson Correlation	-.721**	1	-.244*	-.361**
	Sig. (2-tailed)	.000		.011	.002
	N	105	108	108	73
Front Weight	Pearson Correlation	.387**	-.244*	1	.459**
	Sig. (2-tailed)	.000	.011		.000
	N	105	108	108	73
Acceleration 0-30	Pearson Correlation	.374**	-.361**	.459**	1
	Sig. (2-tailed)	.001	.002	.000	
	N	73	73	73	73
Acceleration 0-60	Pearson Correlation	.424**	-.465**	.431**	.925**
	Sig. (2-tailed)	.000	.000	.000	.000
	N	73	73	73	73

Correlations

		Acceleration 0-60
Time for 1/4 Mile	Pearson Correlation	.994**
	Sig. (2-tailed)	.000
	N	73
Weight	Pearson Correlation	-.454**
	Sig. (2-tailed)	.000
	N	73
Page Number	Pearson Correlation	.205
	Sig. (2-tailed)	.082
	N	73
City MPG	Pearson Correlation	.506**
	Sig. (2-tailed)	.000
	N	73
Highway MPG	Pearson Correlation	.424**
	Sig. (2-tailed)	.000
	N	73
Fuel Capacity	Pearson Correlation	-.465**
	Sig. (2-tailed)	.000
	N	73
Front Weight	Pearson Correlation	.431**
	Sig. (2-tailed)	.000
	N	73
Acceleration 0-30	Pearson Correlation	.925**
	Sig. (2-tailed)	.000
	N	73
Acceleration 0-60	Pearson Correlation	1
	Sig. (2-tailed)	
	N	73

**. Correlation is significant at the 0.01 level (2-tailed).

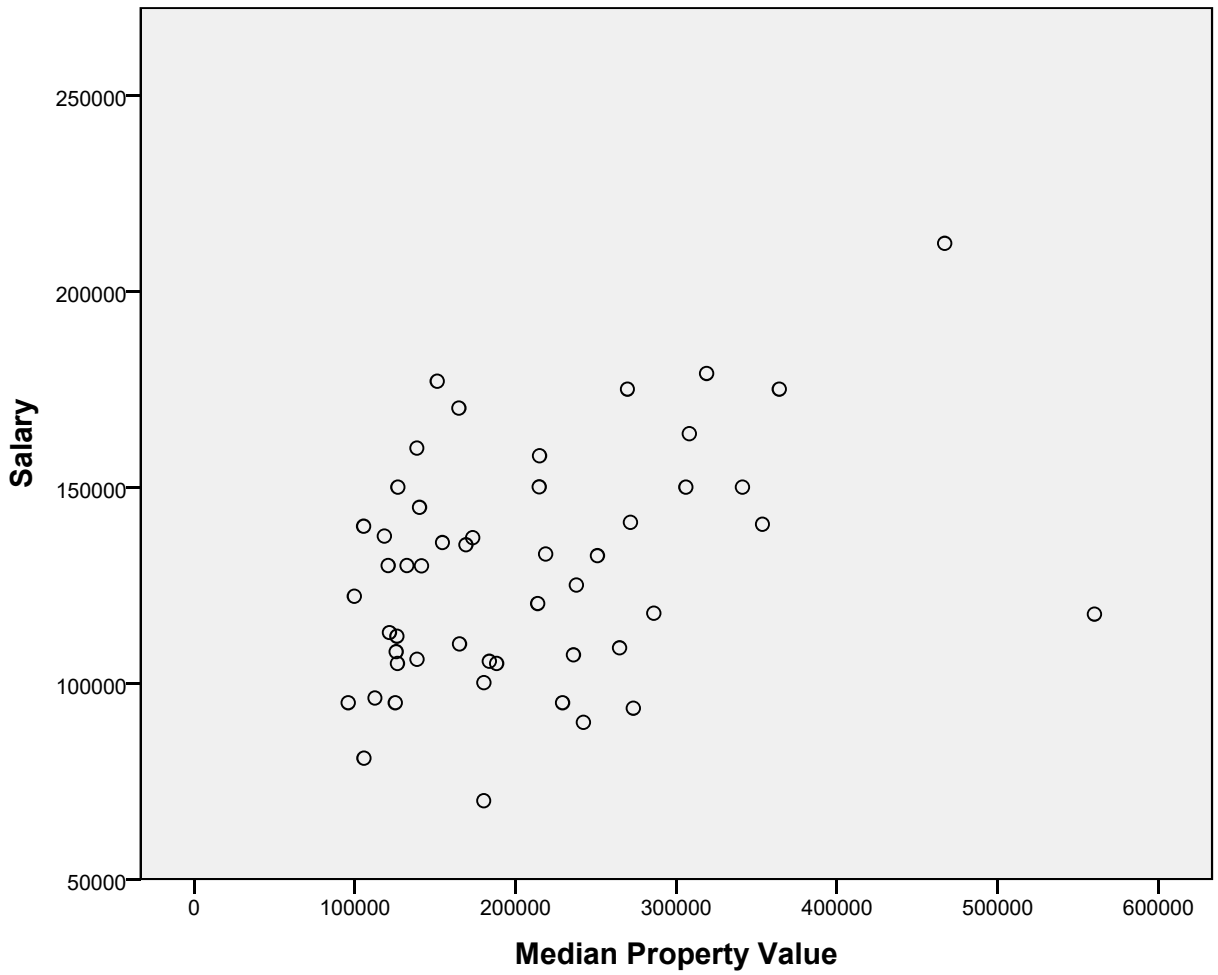
*. Correlation is significant at the 0.05 level (2-tailed).

```
DATASET ACTIVATE DataSet1.
GET
  FILE='W:\syr\CourseInformation\MTH 110\dilmore\SPSS Data Files WS4\Governors
08.sav'.
DATASET NAME DataSet5 WINDOW=FRONT.
* Chart Builder.
GGRAPH
```

```
  /GRAPHDATASET NAME="graphdataset" VARIABLES=medianpropertyvalue salary MISSI
NG=LISTWISE
    REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: medianpropertyvalue=col(source(s), name("medianpropertyvalue"))
  DATA: salary=col(source(s), name("salary"))
  GUIDE: axis(dim(1), label("Median Property Value"))
  GUIDE: axis(dim(2), label("Salary"))
  ELEMENT: point(position(medianpropertyvalue*salary))
END GPL.
```

GGraph

```
[DataSet5] W:\syr\CourseInformation\MTH 110\dilmore\SPSS Data Files WS4\Govern
ors08.sav
```



```
DATASET ACTIVATE DataSet3.
CORRELATIONS
  /VARIABLES=LifeExpectancy TVsperK
  /PRINT=TWOTAIL NOSIG
  /MISSING=PAIRWISE.
```

Correlations

```
[DataSet3] W:\syr\CourseInformation\MTH 110\dilmore\SPSS Data Files WS4\TVlife
06.sav
```

Correlations

		Life Expectancy	TVs per K
Life Expectancy	Pearson Correlation	1	.743**
	Sig. (2-tailed)		.000
	N	22	22
TVs per K	Pearson Correlation	.743**	1
	Sig. (2-tailed)	.000	
	N	22	22

**. Correlation is significant at the 0.01 level (2-tailed).

```
DATASET ACTIVATE DataSet5.
CORRELATIONS
  /VARIABLES=salary medianpropertyvalue
  /PRINT=TWOTAIL NOSIG
  /MISSING=PAIRWISE.
```

Correlations

```
[DataSet5] W:\syr\CourseInformation\MTH 110\dilmore\SPSS Data Files WS4\Govern
ors08.sav
```

Correlations

		Salary	Median Property Value
Salary	Pearson Correlation	1	.376**
	Sig. (2-tailed)		.007
	N	50	50
Median Property Value	Pearson Correlation	.376**	1
	Sig. (2-tailed)	.007	
	N	50	50

**. Correlation is significant at the 0.01 level (2-tailed).

```
DATASET ACTIVATE DataSet1.
DATASET CLOSE DataSet4.
DATASET ACTIVATE DataSet1.

SAVE OUTFILE='W:\syr\CourseInformation\MTH 110\dilmore\handspan footlength May
Mester 2019.sav'
  /COMPRESSED.
DATASET ACTIVATE DataSet3.
DATASET CLOSE DataSet1.
DATASET ACTIVATE DataSet5.
DATASET CLOSE DataSet3.
CORRELATIONS
  /VARIABLES=salary medianpropertyvalue
  /PRINT=TWOTAIL NOSIG
  /MISSING=PAIRWISE.
```

Correlations

Correlations

		Salary	Median Property Value
Salary	Pearson Correlation	1	.579**
	Sig. (2-tailed)		.000
	N	50	50
Median Property Value	Pearson Correlation	.579**	1
	Sig. (2-tailed)	.000	
	N	50	50

**. Correlation is significant at the 0.01 level (2-tailed).

```
CORRELATIONS
  /VARIABLES=salary medianpropertyvalue
  /PRINT=TWOTAIL NOSIG
  /MISSING=PAIRWISE.
```

Correlations

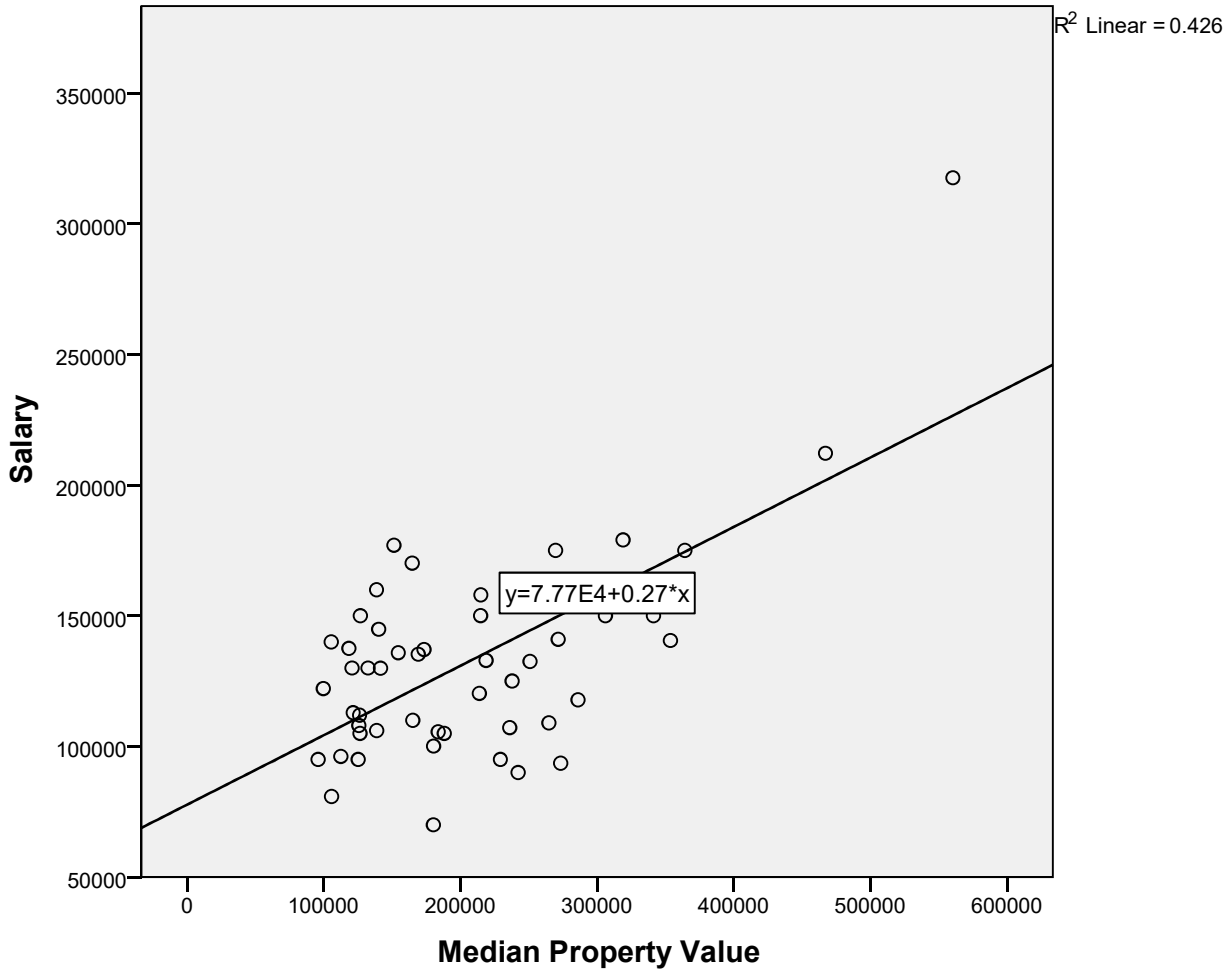
Correlations

		Salary	Median Property Value
Salary	Pearson Correlation	1	.653**
	Sig. (2-tailed)		.000
	N	50	50
Median Property Value	Pearson Correlation	.653**	1
	Sig. (2-tailed)	.000	
	N	50	50

**. Correlation is significant at the 0.01 level (2-tailed).

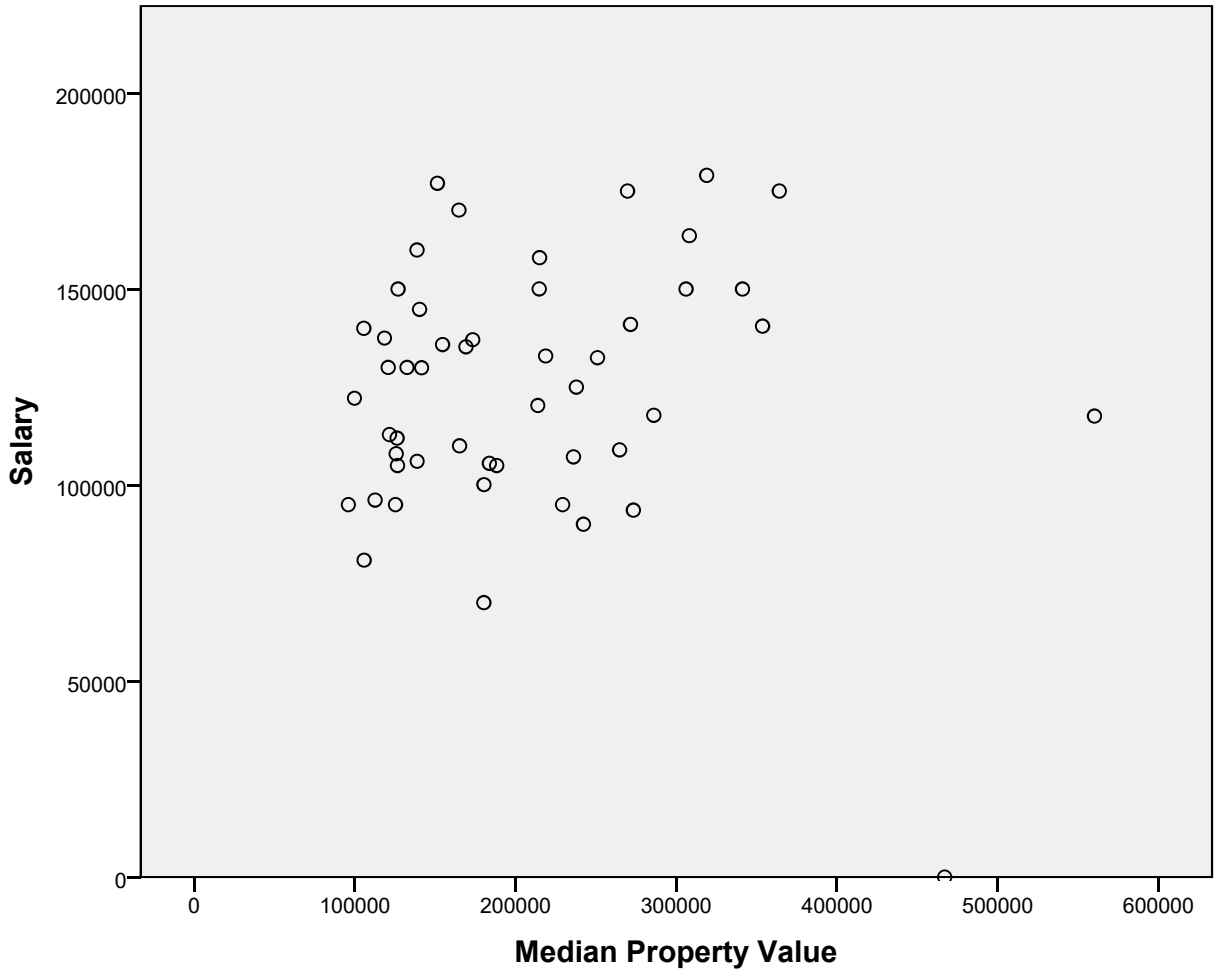
```
* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=medianpropertyvalue salary MISSI
NG=LISTWISE
    REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: medianpropertyvalue=col(source(s), name("medianpropertyvalue"))
  DATA: salary=col(source(s), name("salary"))
  GUIDE: axis(dim(1), label("Median Property Value"))
  GUIDE: axis(dim(2), label("Salary"))
  ELEMENT: point(position(medianpropertyvalue*salary))
END GPL.
```

GGraph




```
* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=medianpropertyvalue salary MISSI
NG=LISTWISE
    REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: medianpropertyvalue=col(source(s), name("medianpropertyvalue"))
  DATA: salary=col(source(s), name("salary"))
  GUIDE: axis(dim(1), label("Median Property Value"))
  GUIDE: axis(dim(2), label("Salary"))
  ELEMENT: point(position(medianpropertyvalue*salary))
END GPL.
```

GGraph




```
CORRELATIONS
  /VARIABLES=salary medianpropertyvalue
  /PRINT=TWOTAIL NOSIG
  /MISSING=PAIRWISE.
```

Correlations

Correlations

		Salary	Median Property Value
Salary	Pearson Correlation	1	-.017
	Sig. (2-tailed)		.908
	N	50	50
Median Property Value	Pearson Correlation	-.017	1
	Sig. (2-tailed)	.908	
	N	50	50

```
GET
  FILE='W:\syr\CourseInformation\MTH 110\dilmore\SPSS Data Files WS4\TVlife06.
sav'.
DATASET NAME DataSet6 WINDOW=FRONT.
CORRELATIONS
  /VARIABLES=LifeExpectancy TVsperK
  /PRINT=TWOTAIL NOSIG
  /MISSING=PAIRWISE.
```

Correlations

```
[DataSet6] W:\syr\CourseInformation\MTH 110\dilmore\SPSS Data Files WS4\TVlife
06.sav
```

Correlations

		Life Expectancy	TVs per K
Life Expectancy	Pearson Correlation	1	.743**
	Sig. (2-tailed)		.000
	N	22	22
TVs per K	Pearson Correlation	.743**	1
	Sig. (2-tailed)	.000	
	N	22	22

**. Correlation is significant at the 0.01 level (2-tailed).

```
* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=TVsperK LifeExpectancy MISSING=L
ISTWISE
    REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE.
```

```
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: TVsperK=col(source(s), name("TVsperK"))
  DATA: LifeExpectancy=col(source(s), name("LifeExpectancy"))
  GUIDE: axis(dim(1), label("TVs per K"))
  GUIDE: axis(dim(2), label("Life Expectancy"))
  ELEMENT: point(position(TVsperK*LifeExpectancy))
END GPL.
```

GGraph