

```

GET
  FILE='W:\syr\CourseInformation\MTH 110\dilmore\handspan footlength MayMester
2017.sav'.
DATASET NAME DataSet1 WINDOW=FRONT.

SAVE OUTFILE='W:\syr\CourseInformation\MTH 111\Dilmore\handspan footlength sum
mer 1 2017.sav'
  /COMPRESSED.
DATASET ACTIVATE DataSet1.

SAVE OUTFILE='W:\syr\CourseInformation\MTH 111\Dilmore\handspan footlength sum
mer 1 2017.sav'
  /COMPRESSED.
* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=height handspan MISSING=LISTWISE
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"))
  GUIDE: axis(dim(1), label("height"))
  GUIDE: axis(dim(2), label("handspan"))
  ELEMENT: point(position(height*handspan))
END GPL.

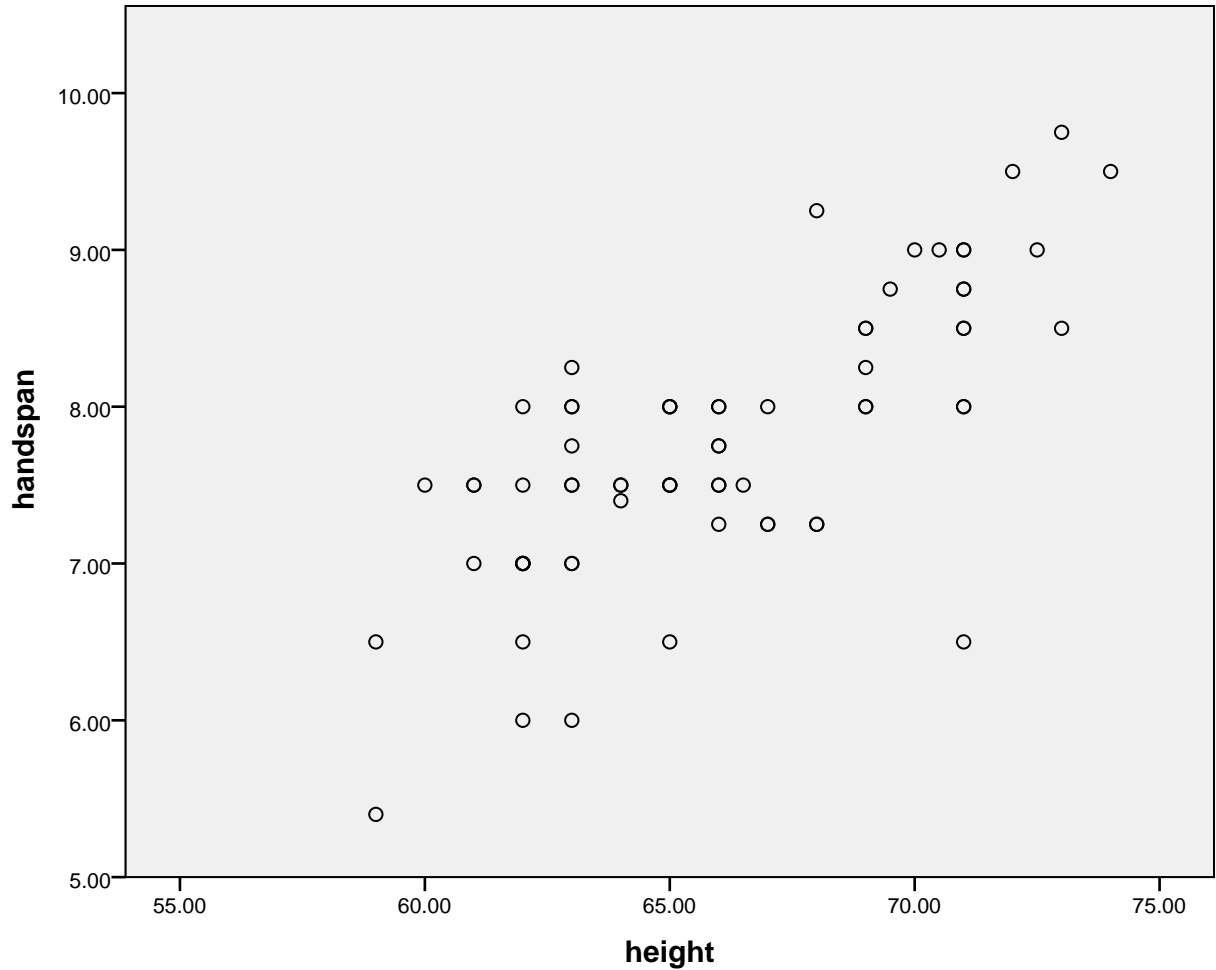
```

GGraph

Notes

Output Created		13-JUN-2017 14:46:44
Input	Data	W:\syr\CourseInformation\MTH 111\Dilmore\handspan footlength summer 1 2017.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	70
Syntax		<pre>GGRAPH /GRAPHDATASET NAME=" graphdataset" VARIABLES=height handspan MISSING=LISTWISE 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")) GUIDE: axis(dim(1), label("height")) GUIDE: axis(dim(2), label ("handspan")) ELEMENT: point(position (height*handspan)) END GPL.</pre>
Resources	Processor Time	00:00:01.45
	Elapsed Time	00:00:03.06

[DataSet1] W:\syr\CourseInformation\MTH 111\Dilmore\handspan footlength summer 1 2017.sav



* 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"))

GUIDE: axis(dim(2), label("handspan"))

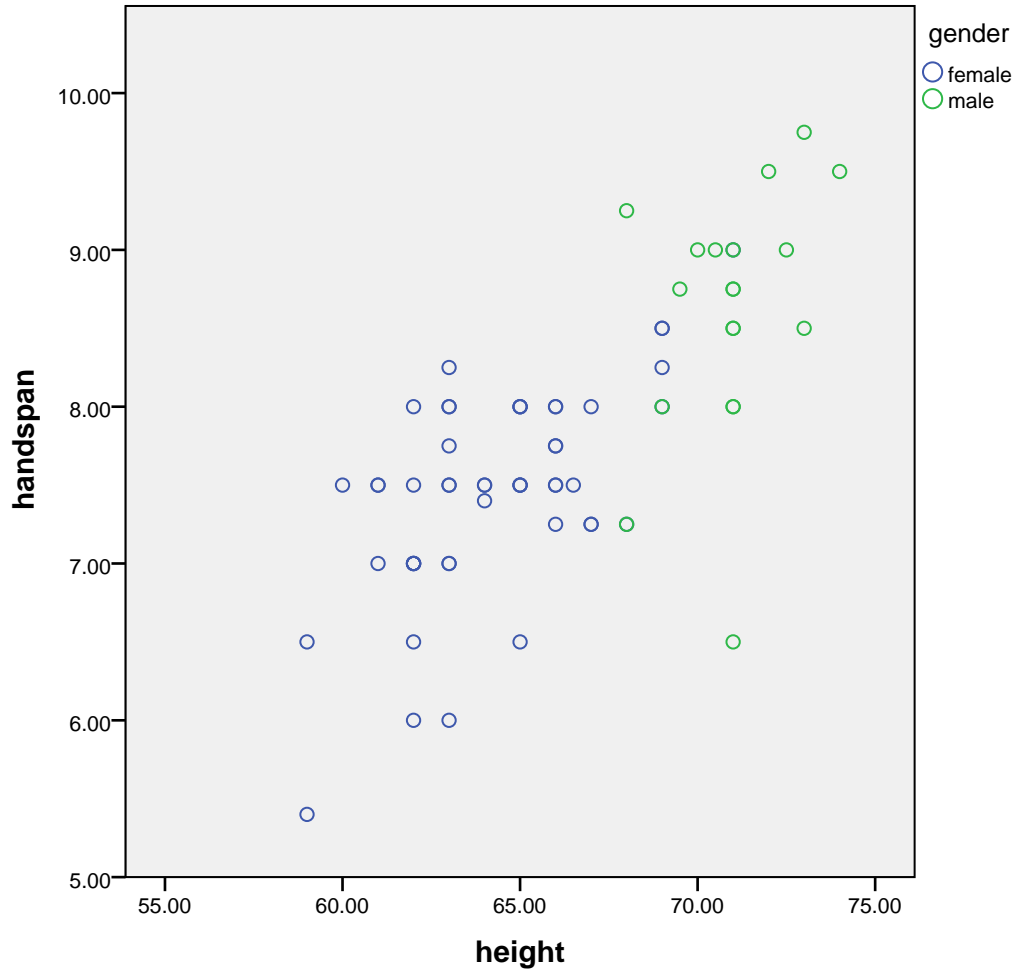
GUIDE: legend(aesthetic(aesthetic.color.exterior), label("gender"))

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

GGraph

Notes

Output Created		13-JUN-2017 14:48:05
Input	Data	W:\syr\CourseInformation\MTH 111\Dilmore\handspan footlength summer 1 2017.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	70
Syntax		<pre>GGRAPH /GRAPHDATASET NAME=" graphdataset" VARIABLES=height handspan gender MISSING=LISTWISE 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")) GUIDE: axis(dim(2), label ("handspan")) GUIDE: legend(aesthetic(aesthetic. color.exterior), label("gender")) ELEMENT: point(position (height*handspan), color.exterior (gender)) END GPL.</pre>
Resources	Processor Time	00:00:00.66
	Elapsed Time	00:00:00.36



* 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"))

GUIDE: axis(dim(2), label("footlength"))

GUIDE: legend(aesthetic(aesthetic.color.exterior), label("gender"))

```

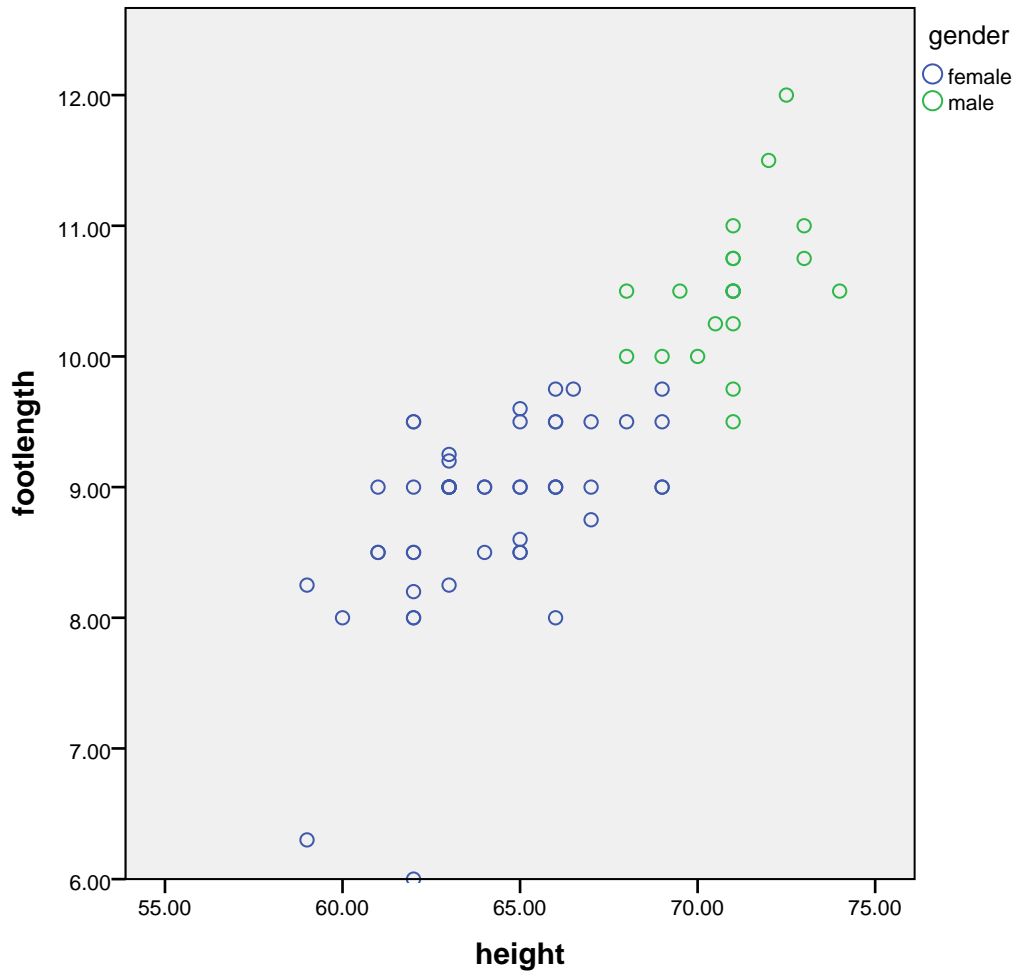
ELEMENT: point(position(height*footlength), color.exterior(gender))
END GPL.

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GGraph

Notes

Output Created		13-JUN-2017 14:49:13
Input	Data	W:\syr\CourseInformation\MTH 111\Dilmore\handspan footlength summer 1 2017.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	70
Syntax		<pre> 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")) GUIDE: axis(dim(2), label ("footlength")) GUIDE: legend(aesthetic(aesthetic. color.exterior), label("gender")) ELEMENT: point(position (height*footlength), color.exterior (gender)) END GPL. </pre>
Resources	Processor Time	00:00:00.33
	Elapsed Time	00:00:00.26



```

GET
  FILE='W:\syr\CourseInformation\MTH 111\Dilmore\SPSS Data Files WS4\TVlife06.
sav'.
DATASET NAME DataSet2 WINDOW=FRONT.
* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=TVsperK LifeExpectancyMISSING=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"))

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GUIDE: axis(dim(1), label("TVs per K"))
GUIDE: axis(dim(2), label("Life Expectancy"))
ELEMENT: point(position(TVsperK*LifeExpectancy))
END GPL.

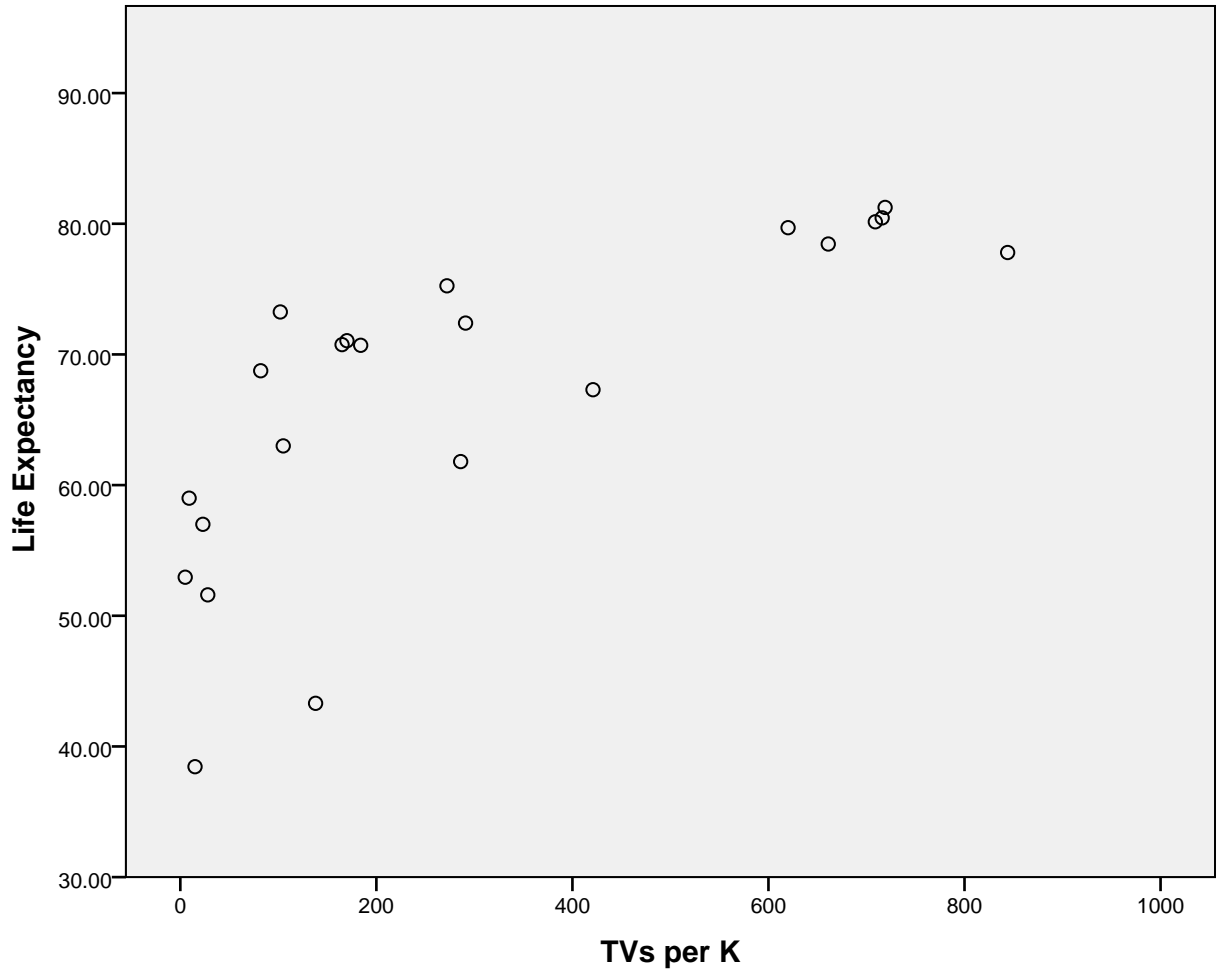
```

GGraph

Notes

Output Created		13-JUN-2017 14:57:12
Input	Data	W:\syr\CourseInformation\MTH 111\Dilmore\SPSS Data Files WS4\TVlife06.sav
	Active Dataset	DataSet2
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	22
Syntax		<pre> GGRAPH /GRAPHDATASET NAME=" graphdataset" VARIABLES=TVsperK LifeExpectancy MISSING=LISTWISE 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))... </pre>
Resources	Processor Time	00:00:00.39
	Elapsed Time	00:00:00.31

[DataSet2] W:\syr\CourseInformation\MTH 111\Dilmore\SPSS Data Files WS4\TVlife06.sav



```

DATASET ACTIVATE DataSet1.
GET
  FILE='W:\syr\CourseInformation\MTH 111\Dilmore\SPSS Data Files WS4\Cars99.sav'.
DATASET NAME DataSet3 WINDOW=FRONT.
CORRELATIONS
  /VARIABLES=PageNumber CityMPG HighwayMPG FuelCapacity Weight FrontWeight Acceleration030
  Acceleration060 Timefor14Mile
  /PRINT=TWOTAIL NOSIG
  /MISSING=PAIRWISE.

```

Correlations

Notes

Output Created		13-JUN-2017 15:18:28
Input	Data	W:\syr\CourseInformation\MTH 111\Dilmore\SPSS Data Files WS4\Cars99.sav
	Active Dataset	DataSet3
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	109
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each pair of variables are based on all the cases with valid data for that pair.
Syntax		CORRELATIONS /VARIABLES=PageNumber CityMPG HighwayMPG FuelCapacity Weight FrontWeight Acceleration030 Acceleration060 Timefor14Mile /PRINT=TWOTAIL NOSIG /MISSING=PAIRWISE.
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.13

[DataSet3] W:\syr\CourseInformation\MTH 111\Dilmore\SPSS Data Files WS4\Cars99
.sav

Correlations

		Page Number	City MPG	Highway MPG	Fuel Capacity
Page Number	Pearson Correlation	1	.283**	.188	-.081
	Sig. (2-tailed)		.003	.053	.402
	N	109	106	106	108
City MPG	Pearson Correlation	.283**	1	.889**	-.793**
	Sig. (2-tailed)	.003		.000	.000
	N	106	106	106	105
Highway MPG	Pearson Correlation	.188	.889**	1	-.721**
	Sig. (2-tailed)	.053	.000		.000
	N	106	106	106	105
Fuel Capacity	Pearson Correlation	-.081	-.793**	-.721**	1
	Sig. (2-tailed)	.402	.000	.000	
	N	108	105	105	108
Weight	Pearson Correlation	-.237*	-.907**	-.799**	.894**
	Sig. (2-tailed)	.013	.000	.000	.000
	N	109	106	106	108
Front Weight	Pearson Correlation	.092	.235*	.387**	-.244*
	Sig. (2-tailed)	.341	.016	.000	.011
	N	108	105	105	108
Acceleration 0-30	Pearson Correlation	.145	.434**	.374**	-.361**
	Sig. (2-tailed)	.220	.000	.001	.002
	N	73	73	73	73
Acceleration 0-60	Pearson Correlation	.205	.506**	.424**	-.465**
	Sig. (2-tailed)	.082	.000	.000	.000
	N	73	73	73	73
Time for 1/4 Mile	Pearson Correlation	.196	.510**	.431**	-.469**
	Sig. (2-tailed)	.097	.000	.000	.000
	N	73	73	73	73

Correlations

		Weight	Front Weight	Acceleration 0-30	Acceleration 0-60
Page Number	Pearson Correlation	-.237*	.092	.145	.205
	Sig. (2-tailed)	.013	.341	.220	.082
	N	109	108	73	73
City MPG	Pearson Correlation	-.907**	.235*	.434**	.506**
	Sig. (2-tailed)	.000	.016	.000	.000
	N	106	105	73	73
Highway MPG	Pearson Correlation	-.799**	.387**	.374**	.424**
	Sig. (2-tailed)	.000	.000	.001	.000
	N	106	105	73	73
Fuel Capacity	Pearson Correlation	.894**	-.244*	-.361**	-.465**
	Sig. (2-tailed)	.000	.011	.002	.000
	N	108	108	73	73
Weight	Pearson Correlation	1	-.245*	-.361**	-.454**
	Sig. (2-tailed)		.011	.002	.000
	N	109	108	73	73
Front Weight	Pearson Correlation	-.245*	1	.459**	.431**
	Sig. (2-tailed)	.011		.000	.000
	N	108	108	73	73
Acceleration 0-30	Pearson Correlation	-.361**	.459**	1	.925**
	Sig. (2-tailed)	.002	.000		.000
	N	73	73	73	73
Acceleration 0-60	Pearson Correlation	-.454**	.431**	.925**	1
	Sig. (2-tailed)	.000	.000	.000	
	N	73	73	73	73
Time for 1/4 Mile	Pearson Correlation	-.450**	.435**	.932**	.994**
	Sig. (2-tailed)	.000	.000	.000	.000
	N	73	73	73	73

Correlations

		Time for 1/4 Mile
Page Number	Pearson Correlation	.196
	Sig. (2-tailed)	.097
	N	73
City MPG	Pearson Correlation	.510**
	Sig. (2-tailed)	.000
	N	73
Highway MPG	Pearson Correlation	.431**
	Sig. (2-tailed)	.000
	N	73
Fuel Capacity	Pearson Correlation	-.469**
	Sig. (2-tailed)	.000
	N	73
Weight	Pearson Correlation	-.450**
	Sig. (2-tailed)	.000
	N	73
Front Weight	Pearson Correlation	.435**
	Sig. (2-tailed)	.000
	N	73
Acceleration 0-30	Pearson Correlation	.932**
	Sig. (2-tailed)	.000
	N	73
Acceleration 0-60	Pearson Correlation	.994**
	Sig. (2-tailed)	.000
	N	73
Time for 1/4 Mile	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).