

Your license will expire in 27 days.

GET

FILE='W:\syr\CourseInformation\MTH 111\Dilmore\handspan footlength summer 1
2017.sav'.

DATASET NAME DataSet1 WINDOW=FRONT.

SAVE OUTFILE='W:\syr\CourseInformation\MTH 110\dilmore\handspan footlength sum
mer 3 2017.sav'

/COMPRESSED.

DATASET ACTIVATE DataSet1.

SAVE OUTFILE='W:\syr\CourseInformation\MTH 110\dilmore\handspan footlength sum
mer 3 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))

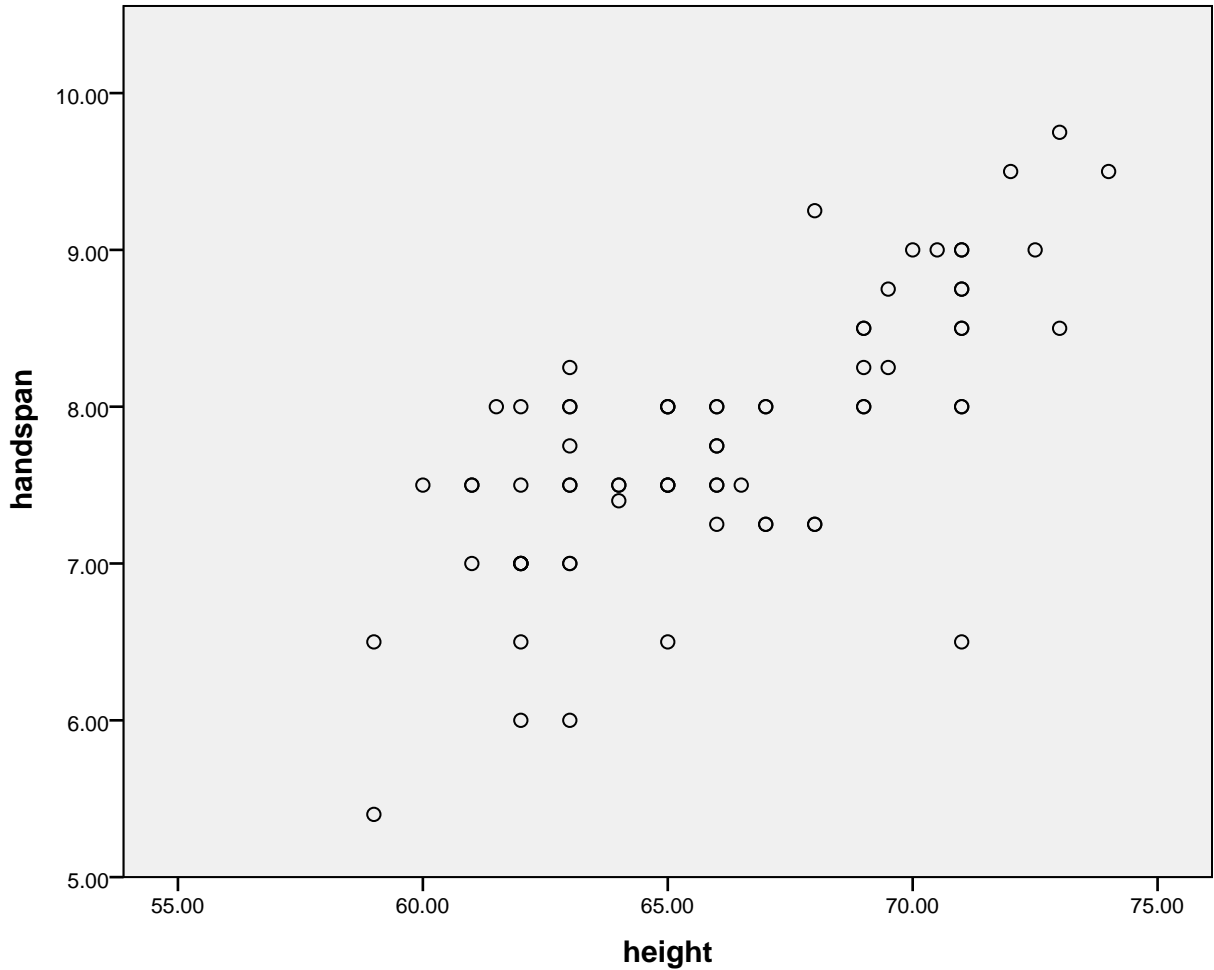
END GPL.

GGraph

Notes

| | | |
|----------------|--|--|
| Output Created | 05-JUL-2017 17:52:21 | |
| Input | Data | W:\syr\CourseInformation\MTH 110\dilmore\handspan footlength summer 3 2017.sav |
| | Active Dataset | DataSet1 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 73 |
| 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 | 00:00:01.44 |
| | Elapsed Time | 00:00:03.24 |

[DataSet1] W:\syr\CourseInformation\MTH 110\dilmore\handspan footlength summer 3 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"))

```

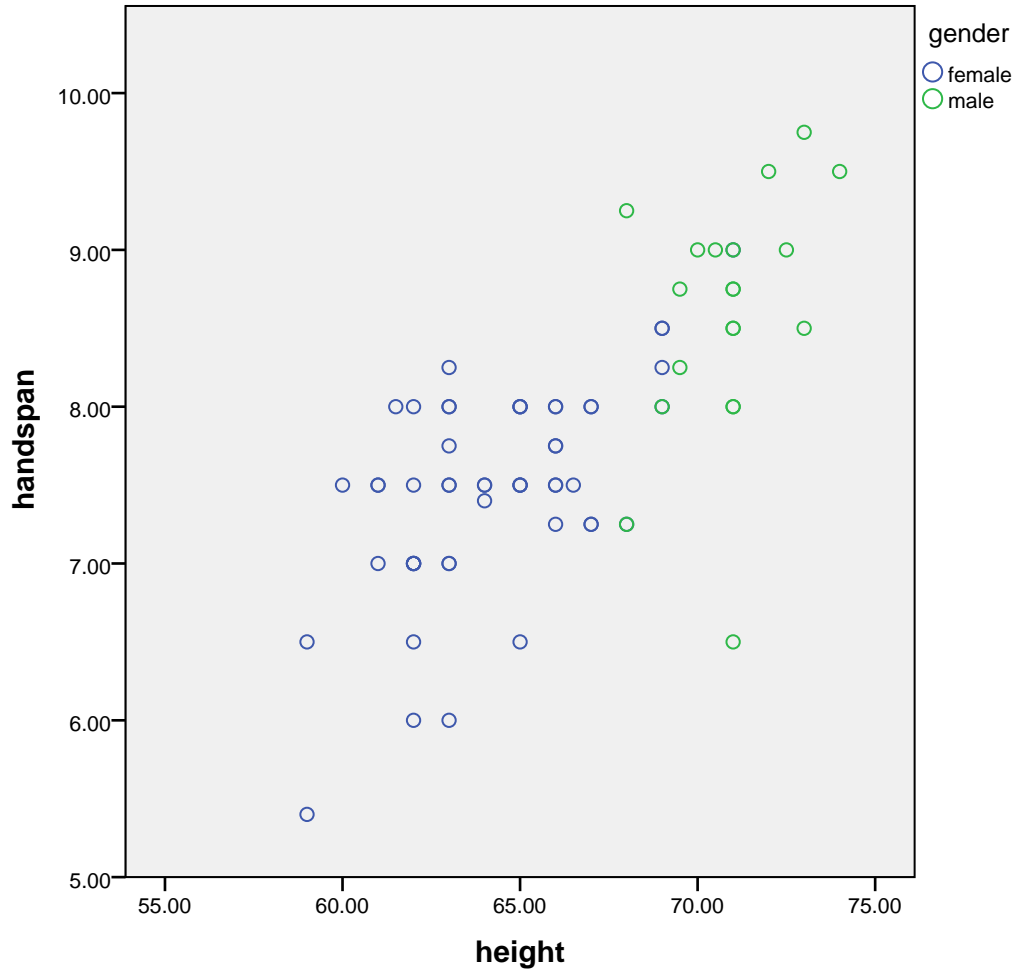
ELEMENT: point(position(height*handspan), color.exterior(gender))
END GPL.

```

GGraph

Notes

| | | |
|----------------|-----------------------------------|---|
| Output Created | | 05-JUL-2017 17:54:30 |
| Input | Data | W:\syr\CourseInformation\MTH 110\dilmore\handspan footlength summer 3 2017.sav |
| | Active Dataset | DataSet1 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 73 |
| 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 | 00:00:00.41 |



* 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"))

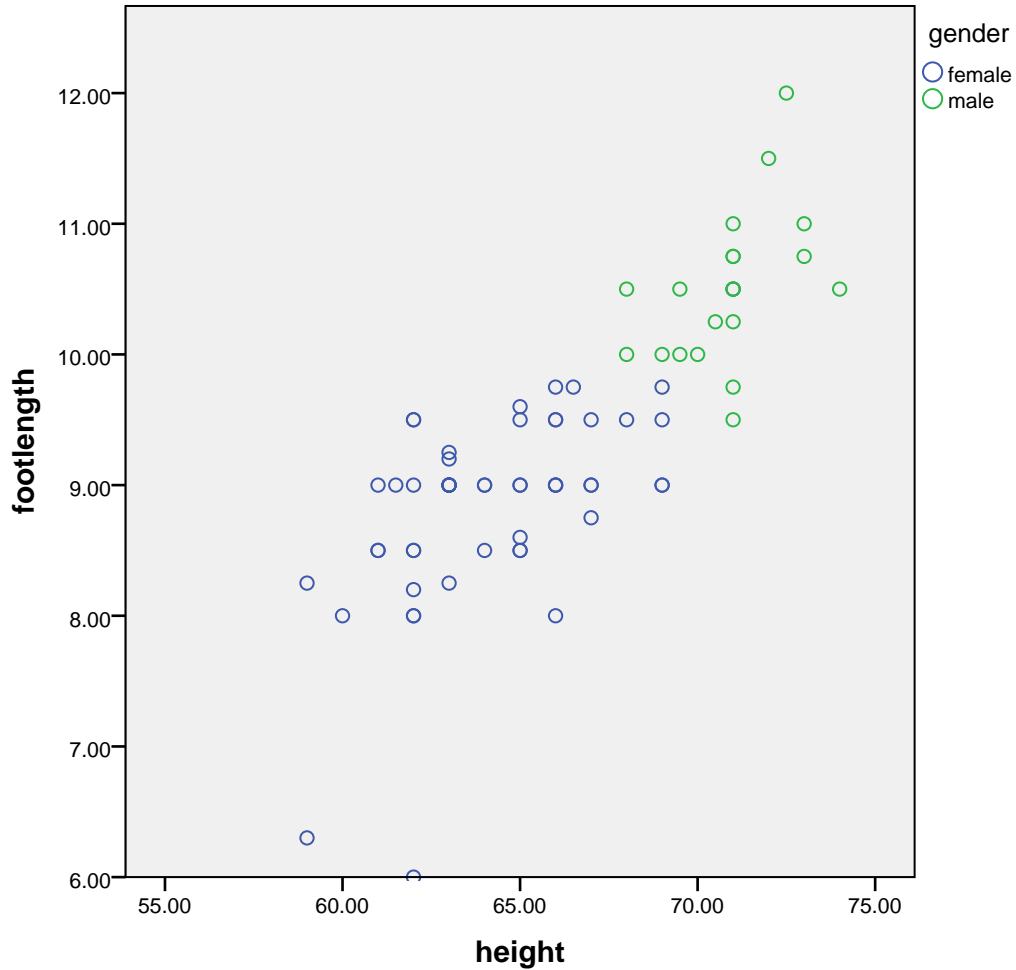
GUIDE: legend(aesthetic(aesthetic.color.exterior), label("gender"))

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

GGraph

Notes

| | | |
|----------------|-----------------------------------|---|
| Output Created | | 05-JUL-2017 17:55:59 |
| Input | Data | W:\syr\CourseInformation\MTH 110\dilmore\handspan footlength summer 3 2017.sav |
| | Active Dataset | DataSet1 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 73 |
| 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 | 00:00:00.37 |
| | Elapsed Time | 00:00:00.30 |



```

GET
  FILE='W:\syr\CourseInformation\MTH 110\dilmore\SPSS Data Files WS4\TVlife06.
sav'.
DATASET NAME DataSet2 WINDOW=FRONT.
SORT CASES BY TVsperK (A).
* 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"))
GUIDE: axis(dim(1), label("TVs per K"))
GUIDE: axis(dim(2), label("Life Expectancy"))
ELEMENT: point(position(TVsperK*LifeExpectancy))
END GPL.

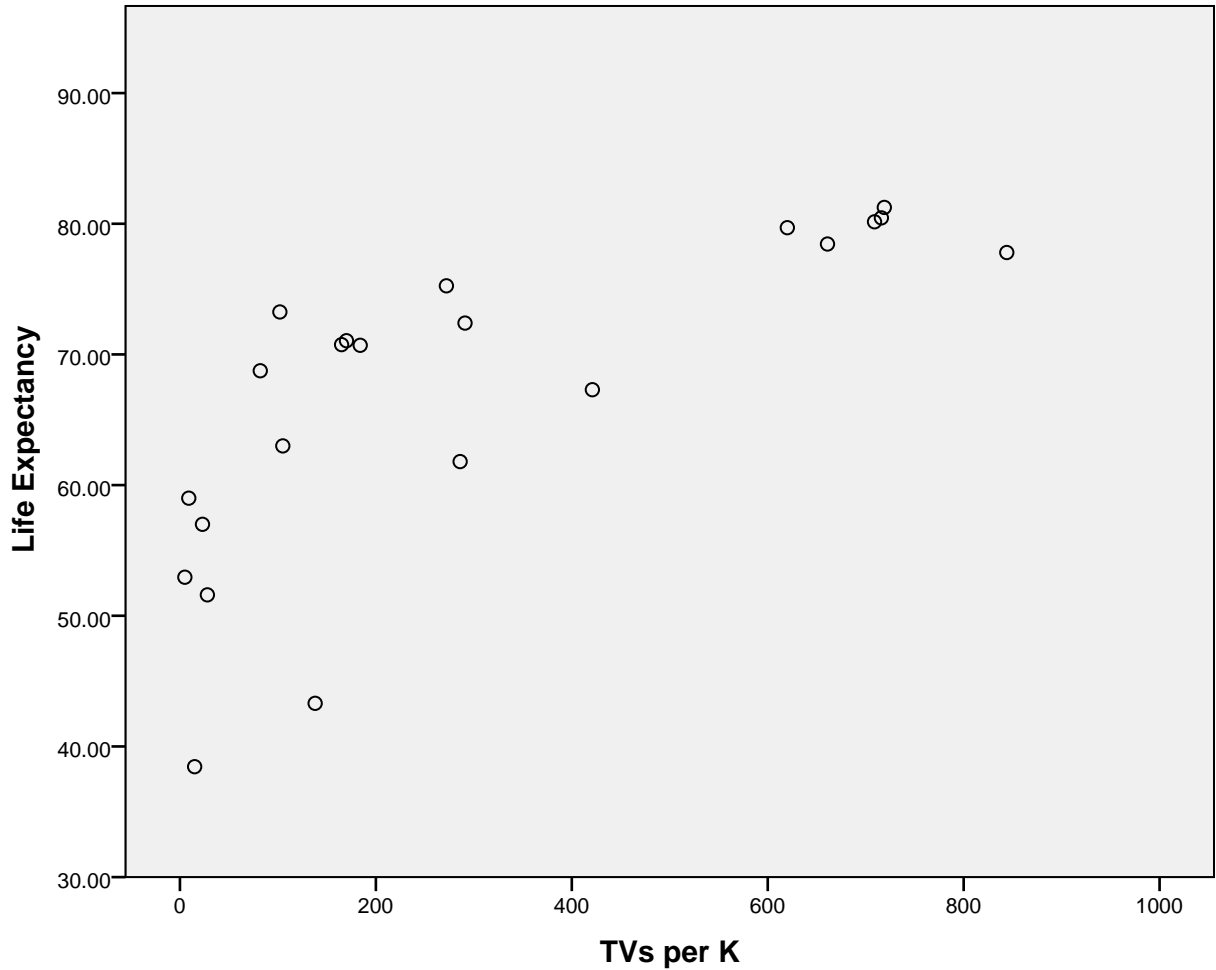
```

GGraph

Notes

| | | |
|----------------|--|---|
| Output Created | 05-JUL-2017 18:08:55 | |
| Input | Data | W:\syr\CourseInformation\MTH 110\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 | 00:00:00.31 |
| | Elapsed Time | 00:00:00.28 |

[DataSet2] W:\syr\CourseInformation\MTH 110\dilmore\SPSS Data Files WS4\TVlife06.sav



```

DATASET ACTIVATE DataSet1.
GET
  FILE='W:\syr\CourseInformation\MTH 110\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 | | 05-JUL-2017 18:26:13 |
| Input | Data | W:\syr\CourseInformation\MTH 110\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 | 00:00:00.02 |
| | Elapsed Time | 00:00:00.11 |

[DataSet3] W:\syr\CourseInformation\MTH 110\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).